DEPARTMENT A
CITIZENSHIP AND CIVIC EDUCATION

The purpose of these citizenship exhibits is to foster civic responsibility and action within the diverse areas of citizenship including community service, service learning, government, and policy making.

Rules

1. Exhibits are entered at 4-H members own risk. We will not be responsible for loss or damage to family heirloom items or any items in this division.

2. Displays should not be larger than 22 inches x 28 inches wide. If the size needs to be a different size because the item is larger than 22 inches x 28 inches, please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22 inches x 28 inches.

3. Multi-media presentations are to be uploaded to a video streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing.

4. Supporting Material: All entries must include the following:

- What did you learn about citizenship while creating this exhibit? References - All exhibitors should reference material sources or supporting information if outside sources were used to create exhibits (i.e, if questions from a game were taken from an outside source, they must be referenced).
- Identification - All entries should be labeled with the exhibitor's name, club, and county.

Citizenship

Premiums: $1.50, $1.25, $1.00, $0.75

A120001 Care Package Display - (SF182) - This exhibit is a display about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster, Power Point or another multi-media program to tell about the PROCESS of developing and giving a care package to a service organization. Multi-media presentations are to be uploaded to a video streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing. Answer the following questions in your exhibit. How did you select the organization? What items did you include in your care package? Why did you select those items? How did it feel to present your care pack to the organization? What did you learn from this experience? Other information that you feel is important about the care package or organization. Some examples of care packages are: Backpack for school supplies, litter pan for animal shelter items, suitcase for abuse shelter or homeless shelter, etc.

A120002 Citizenship Game -(SF182) - which could include but is not limited to symbol flash cards, question and answer board or simulation with props. Clear instructions on how to play the game and what the game hopes to accomplish must be included.

A120003 Patriotic or Cultural Fine Arts - (SF182) - can be made of any art media but should tie in the relevance of the artwork to citizenship.

A120004 Public Adventure Scrapbook - (SF182) - should describe your Public Adventure or Service-Learning Activity. Scrapbooks must measure no more than 16" x 16".

A120005 Public Adventure Poster - (SF182) - should describe your Public Adventure or Service-Learning Activity. Display posters must be stiff enough to stand when supported from behind and below.

Length and width must be no more than 24" x 28".

A120006 Written or Recorded Stakeholder Interview - (SF182) - should follow the outline found in the Public Adventures Curriculum. It may be written or recorded. Upload to a video streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing.

A120007 Written Citizenship Essay - (SF182) - is designed to promote good citizenship and patriotism. This essay is open to all age groups. All essays should be 300 - 400 typewritten words.

A120008 For 9th-12th Graders Only: Oral Citizenship Essay - (SF182) - addressing the theme "Freedom's Obligations" should be 3-5 minutes. No background music, singing or other enhancement allowed. Upload to a video streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing. Voice tone should be normal and conversational. A copy of the written essay should be attached.

A120009 Service Items - (SF182) - can include but aren't limited to lap quilt, Quilt of Valor and homemade toys. Only non-perishable items will be accepted. Attached to the exhibit should be an explanation of who the recipient was and how the service project was made and used. The service item could be part of a larger community service effort.

A120010 4-H Club Exhibit - (SF182) - should depict what a 4-H club has done in the area of community service. This item could include, but is not limited to, a service item, poster, scrapbook, cultural or creative arts item or care package, Quilt of Valor.

Seeing i2i

A130001 Cultural Fine Arts – (SF183) – can be made of any art media but should symbolize what makes them unique

A130002 How Are We Different? Interview – (SF 183) – should follow the interview guide in the participant manual on page 3 and should reflect on the differences and similarities between you and the person you are interviewing.

A130003 Name Art – (SF183) – should be a creative art exhibit that symbolizes or explains where your name came from and what it means. Can use any media.

A130004 Family History – (SF183) – depicting your family cultural history or the ethnic make-up of your community noting who were the first settlers, where did they come from, is there evidence of the background today (local celebrations, family celebrations, museum or educational displays, historical markers, ect.)

A130005 Exhibit depicting a cultural food – (SF183) – that is special to your family. Can be a story or essay.

A130006 "This Is Who I Am" poem – (SF183) – a poem written by the 4-H'er that reflects who they are.

A130007 Poster – (SF183) – that depicts what you have learned through the i2i Project.

A130008 Biography – (SF183) – about a historical figure who has made a positive impact on our society or who has made a difference in the lives of others.

A130009 Play Script – (SF183) – written about a different culture.

Heritage

The purpose of the 4-H Heritage project is to acquire knowledge, develop a connection to the past and share the story of a 4-H member's heritage and history around them. An exhibit may include items, pictures, maps, charts, recordings, drawings, illustrations, writings, or displays that depict the heritage of the member's family or community or 4-H history.

Rules

1. Exhibits are entered at 4-H member's own risk. We will not be responsible for loss or damage to family heirloom items or any items in this division.
2. Displays should not be larger than 22 inches x 28 inches wide. If the size needs to be a different size because the historical item is larger than 22 inches x 28 inches please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22 inches x 28 inches.
3. Exhibits must include NAME, COUNTY, AGE, & PAST EXPERIENCE (years in Explore Your Heritage, projects) on back of exhibit.
4. All entries must include documentation. When writing documentation ask yourself and think about how does this relate to my heritage or why is it important? Examples of documentation; birth dates, death dates, marriage dates, identification of individuals included in the exhibit, or stories related to the subject of the exhibit.

Heritage

Premiums: $3.00, $2.75, $2.50, $2.25

Heritage Level 1: Beginning

A101001 Heritage Poster or Flat Exhibit – (SF71) – Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation.

A101002 Family Genealogy/History Notebook – (SF71) – Include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work.

A101003 Local History Scrapbook/Notebook – (SF71) – Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.

A101004 Framed Family Groupings (Or Individual) Of Pictures Showing Family History – (SF71) – Pictures must be supported by a written explanation.

A101005 Other Exhibits Depicting the Heritage of the Member's Family or Community – (SF71) – Exhibit must be supported by a written explanation. May include biographical album or themselves or another family member, family cookbooks, ect.

A101006 4-H History Scrapbook – (SF71) – A scrapbook relating 4–H history of local club or county. Must be work of individual 4-H'er – no club project. If multiple books included in exhibit, only bring book with most current year's work.

A101007 4-H History Poster (SF71) - Poster relating 4-H history of local club or county or individual.

A101008 Story or Illustration about a Historical Event (SF71)

A101009 Book Review about Local, Nebraska, or Regional History (SF71)

A101010 Other Historical Exhibits (SF71) - Attach an explanation of historical importance.

A101011 Family Traditions Book (SF71) - Exhibitor scrapbook depicting family traditions of the past.

A102012 Family Traditions Exhibit (SF71) – Story or illustration of a family tradition or event. Exhibits must be supported by a written explanation.

A101013 4-H Club/County Scrapbook (SF71) - Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.

A101014 4-H Member Scrapbook (SF71) - Scrapbook relating to individual 4-H members' 4-H history. If multiple books included in exhibit, only bring book with most current year's work.

A101015 Special Events Scrapbook (SF71) - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.

Heritage Level 2: Advanced

Level 2: Advanced (over four years in project). Refer to department rules.

A102001 Heritage Poster or Flat Exhibit (SF71) - Entries may be pictures, posters, items, etc. that depict family heritage. Exhibits must be supported by a written explanation.

A102002 Family Genealogy/History Notebook (SF71) - Include pedigree charts/family group sheets, with documentation beyond two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work.

A102003 Local History Scrapbook/Notebook (SF71) - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.

A102004 Framed Family Groupings (or Individuals) of Pictures showing Family History (SF71) - Pictures must be supported by a written explanation.

A102005 Other Exhibits depicting the Heritage of the Member's Family or Community (SF71) - Exhibit must be supported by a written explanation. May include biographical album of themselves or another family member, family cookbooks, etc.

A102006 4-H History Scrapbook (SF71) - A scrapbook relating 4-H history of local club or county. Must be work of individual 4-H member - no club project. If multiple books are included in exhibit, only bring book with most current year's work.

A102007 4-H History Poster (SF71) - Poster relating 4-H history of local club or county or individual.

A102008 Story or Illustration about a Historical Event (SF71)

A102009 Book Review about Local, Nebraska, or Regional History (SF71)

A102010 Other Historical Exhibits (SF71) - Attach an explanation of historical importance.

A102011 Exhibit Depicting the Importance of a Community or Nebraska Historic Landmark (SF71)

A102012 Community Report (SF71) - documenting something of historical significance from past to present

A102013 Historic Collection (SF71) - displayed securely and attractively in a container no larger than 22 inches x 28 inches.

A102014 Video Documentary of a Family or a Community Event (SF71) - Must be produced and edited by 4-H member. Video is to be uploaded to a streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing.

A102015 4-H Club/County Scrapbook (SF71) - Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.

A102016 4-H Member Scrapbook (SF71) - Scrapbook relating to individual 4-H members' 4-H history. If multiple books included in exhibit, only bring book with most current year's work.

A102017 Special Events Scrapbook (SF71) - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.

DEPARTMENT B

Communication and Expressive Arts

Public Speaking Contest
Premiums: $5.00, $4.00, $3.00, $2.00

The Public Speaking Contest is prior to the Polk County Fair. In order to advance to the Premier Communications Event, you must be 8 or older and receive a purple ribbon

B100903 Junior (age 8-9 before January 1st)

B100904 Intermediate (age 10-13 before January 1st)

B100905 Senior (age 14 and up before January 1st)

B100906 Junior PSA (age 8-10 before January 1st)

B100907 Intermediate PSA**(age 11-13 before January 1st)**

B100908 Senior PSA (age 14 and up before January 1st)

Presentations Contest
Premiums: $5.00, $4.00, $3.00, $2.00

An Illustrated Presentation is a live presentation with a formal talk where youth will use visual aids (such as props, posters, computer-based visuals, handouts, video, etc.) to show and tell others how to do something. The judge views the entire presentation and engages in a question-and-answer session following the presentation.

In order to advance to the Premier Communications Event, you must be 9 or older and receive a purple ribbon.

Rules

1. Length – Participants will be penalized if their presentation exceeds the time limit

   Individual (all age divisions) 6-8 minutes

Team (all age divisions) 8-10 minutes

2. Age Divisions

Junior – 8 to 10 years
Intermediate – 11 to 13 years
Senior – 14 and up

3. An Illustrated Presentation may be given by one individual or a team of two individuals. If team members are not in the same age division, they must compete in that age division of the oldest team member

4. All presentation topics should be related to what the 4-H youth is learning through 4-H educational experiences.

5. Presentations should include an introduction (the "why" portion of the topic), a body (the "show and tell" portion of the topic), and the conclusion/summary (the "what" portion of the topic).

6. Equipment provided includes two tables, one easel, PC compatible computer (including Microsoft Power Point) with wifi internet connection, and a projector.

7. Presenters using computer-based visuals may bring files on a USB drive that is PC formatted. Participants may also provide their own computer or other equipment as needed; however, participants must be able to connect their computers to an HDMI cord.

8. Live animals may be used in the presentation. Presenters are responsible for all stalling arrangements, care, and handling of animals. Animals can only remain in the presentation area while the owner is present.

B151113 Illustrated Presentation – (SF658)

B151114 Illustrated Presentation - Team

4-H Club Projects
Premiums: $1.00 Participation Ribbon

**Designates County Only Project Only – No eligible for State Fair Competition.*

*B154901 4-H Club Projects may be any items made during a 4-H Club Meeting that does not fit into a specific project criteria. 4-H'ers may bring up to 5 items in this class.

*B154902 Secretary's Books

*B154903 4-H Scrapbook

*B154904 News Reporter

Polk County Camp and Miscellaneous Items (*County Fair Only)
Premiums: $1.00 Participation Ribbon

*B154907 Workshop Items – 4-H'er may exhibit made in workshop items under this number that do not fit in any other class in the fairbook.

*B154908 Regional Camp Items – 4-H'er may exhibit items made at Regional Camp under this number.

Culinary Challenge Contest
Premiums: $5.00, $4.00, $3.00, $2.00

The 4-H Culinary Challenge Contest will require 4-H members to demonstrate healthy decision-making through nutrition, food preparation, menu planning, and food safety, utilizing a foods and nutrition

curriculum. They will apply healthy living knowledge and skills by planning a nutritious menu, demonstration their understanding of time management skills in the kitchen and expressing their originality and creativity through an appropriate themed and properly set table. To showcase these skills, 4-H memberswill create a menu, prepare a food item, and choose an appropriate theme for their occasion while expressing their food, nutrition, and food safety knowledge during a live interview with a judge at the contest. In order to highlight knowledge and skills acquired during pre-contest preparation, 4-H members will utilize technology as part of their interview.

Rules

1. Age categories are based on 4-H Age (age as of December 31of previous year) Contestants can participate in county contest as an individual or team. (Only teams are allowed at county fair)

2. The exhibit building does not have a microwave available.

3. Contest members must provide their own table.

4. Participants must have their table setting ready by the start of event. Once tables are set, contestants should stay with their tables, as they are responsible for items placed on tables. Chairs will be available for contestants.

5. During judging, 4-H members may choose to dress in appropriate clothing, costume, or accessories relevant to the theme.

6. All tables will be removed following a designated time the end of contest.

7. Grand and Reserve Champion of the Culinary Challenge are encouraged to bring their table, table setting, and menu to display at county fair. Bring on Entry Day of county fair.

Challenge Ingredient/Item

1. A challenge ingredient will be selected each year, highlighting a Nebraska commodity food product. The 2026 challenge ingredient is potatoes. Please keep food safety in mind when selecting the recipe used for the Challenge. Foods must be able to be kept chilled during transport to the contest, then be able to be re-heated in a microwave if needed. Each team must incorporate the challenge ingredient into their food item they will be presenting during the contest. This may require altering a recipe or creatively incorporating an item into their overall table theme. The challenge ingredient must also be included in the interview presentation, demonstrating youth knowledge of the ingredient, such as nutritional value, a farm-to-fork concept, or how to adapt a recipe to include the ingredient.

Judges Interview

2. The team should view themselves as the hosts, welcoming the judge, cooperatively presenting the table to the judge, incorporating multi-media resources, and answering any questions from the judge. Teams must be prepared to present to the judge utilizing technology, such as slideshow, picture story, or other multi-media resources. Presentations may include photos, clip art, animation, video or audio sound. The 4-H members should cooperatively present a verbal presentation to the judge that is highlighted by their multi-media presentation via computer or tablet. Participants must provide their own computer or other equipment needed for their 4-H Foods Event judging interview. Presentations will occur at participants' tables. Please do not bring projectors or other equipment which will require extra space.

Considerations should be given to creatively include the following items through the multi-media presentation:

- Nutritional facts of their menu

- Food safety
- Time management
- Choice of menu
- Food preparation
- Cost of item/per serving
- Food handling techniques
- Recipe of the food item shared with the judge
- Challenge ingredient (nutritional value, farm-to-fork, recipe revision, etc.)

*B157901 Junior: Ages 8-10

*B157902 Intermediate: Ages 11-13

*B157903 Senior: Ages 14-18

Ice Cream Rolling Contest
Premiums: $3.00, $2.75, $2.50, $2.25

**Designates County Project Only – not eligible for State Fair Competition.*

*B157904 Plain/Flavored
(age groups are based on each year's number of participants)

Photography
Premiums: $3.00, $2.75, $2.50, $2.25

The purpose of this project area is to establish basic to advanced knowledge of and abilities in using photographic equipment, lighting, and composition to capture images, express feelings, and communicating ideas. Participants can work through the three projects levels, progressing from basic to advanced photography skills and techniques. For help getting started with this project contact your county 4-H Extension Office.

Rules

1. 4-H members are allowed to exhibit in only one photography level.

2. 4-H members may enter up to three exhibits but no more than one exhibit per class (see general rules)

3. An image may only be used on one exhibit with the exception of portfolios, which may include images entered in other classes.

4. Cameras: Photos may be taken with any type of film or digital camera, including phones, tables, and drones.

5. Photos must be shot by 4-H member during the current project year with the exception of Portfolios, which may include images captured and/or exhibited in previous years.

6. Securely attach photos, mats, backing, and data tags. Exhibits that are poorly attached may be disqualified. Do not use photo corners, borders, or place coverings over the exhibits.

7.Portfolios: All portfolios must include the following information: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each photo. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image. Portfolios may be presented in either print or digital formats:

8. Printed portfolios should be presented in a 8.5"x11" three-ring binder or similar book format. Recommended photo size is 8"x10". Matting is not necessary.

10. Digital portfolios may be presented online and must be exhibited along with a single 8.5x11 flyer. Flyers must include a link, URL, or QR code that takes users (judges and fairgoers) to their online portfolio.
Display Exhibits: Displays consist of three 4"x6" photos mounted on a single horizontal 11"x14" black or white poster or mat board. Incorrect sizes will not be accepted. No foam board backing should be used. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distract from the overall display. No titles, captions, or stick-on numbers will be allowed. Photos may be mounted vertically or horizontally. Appropriate Data Tags are required (see rule regarding Data Tags).

11. Print Exhibits: Print exhibits must be 8"x10" printed mounted in 11"x14" (outside size) cut matting with a sandwich mat board backing. Incorrect sizes will not be accepted. No foam board should be used for matting or backing. Mat openings may be rectangular or oval. Photos may be horizontal or vertical. No frames are allowed. Appropriate data tags are required (see rule regarding Data Tags).

12. Entry Tags: Entry tags should be securely attached to the upper right-hand corner of the exhibit.

13. Data Tags: Data Tags are required on all print and display exhibits. Data tags are not required for portfolios. Each exhibit must have the appropriate number and level of data tags as outline below. Data tags should be securely attached to the back of the exhibit. Current data tags and help sheet are available at https://go.unl.edu/ne4h-photography.

14. Level 1 Displays: Each photo of the display must include a separate Level 1 Data Tag. Data Tags should be numbered with the corresponding photo's number.

15. Level 1 Prints: All Level 1 prints must have a Level 1 Data Tag.

16. Level 2 Prints: All Level 2 prints must have a Level 2 Data Tag.

17. Level 2 Displays: Each photo of the display must include a separate Level 2 Data Tag. Data Tags should be numbered with the corresponding photo's number.

18. Level 3 Prints: All Level 3 prints must have a Level 3 Data Tag.

19. POLK COUNTY THEME EXHIBIT PRINT: "FAIREVER YOUNG" - Start brainstorming how you can best capture an image that communicates what it means to be timeless. **This is for all photography levels. The top selected Polk County Print from each level will be on display at the Extension Office after the fair.**

LEVEL 1: Photography Basics

**Designates County Project Only – not eligible for State Fair Competition.*

All displays or prints must have a Level 1 data tag for each photo securely attached to the back of the exhibit (see rules above). Data tags can be found on our county website: https://extension.unl.edu/statewide/polk/. Copies may be picked up at the Extension office.

*B180901 Fun with Shadows Display or Print –(SF87) Photos should capture interesting or creative use of shadows (Activity 4)

*B180902 Get In Close Display or Print – (SF87) Photo should capture a close-up view of the subject or object. (Activity 8)

*B180903 Bird's or Bug's Eye View Display or Print – (SF87) Photo should capture an interesting

viewpoint of a subject, either from above (bird's eye view) or below (bug's eye view). (Activity 10)

*B180904 Tricks and Magic Display or Print – (SF87) Photos should capture visual trickery or magic. Trick photography require creative compositions of objects in space and are intended to trick the person viewing the photo. For example, if someone is standing in front of a flower pot, the pot might not be visible in the image, making it look as if the flowers are growing out of the person's head. (Activity 11)

*B180905 People, Place, or Pets with Personality Display or Print – (SF87) Photos should have a strong focal point, which could be people, places, or pets. Photos should capture the subject's personality or character. Photos may be posed or un-posed. (Activity 13)

*B180906 Black and White Display or Print – (SF87) Photos should create interest without the use of color. Photos should show strong contrast and/or textures. Photos may be captured in black and white or captured in color and edited to black and white. (Activity 15)

*B180907 Challenging Photo Exhibit: - (SF87) Exhibit will include three photos which tell a story without words. Photos may show something being created, destroyed, consumed, moving, or growing. Photos should capture the beginning, middle, and end of a single story, project, or event. Display will consist of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or mat board. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distracting from the overall display. No titles, captions, or stick-on numbers are allowed. Photos may be mounted vertically or horizontally. Data tags are required for each photo in the display. (Activity 14)

*B180908 Polk County Theme Exhibit Print: "FAIREVER YOUNG" - (SF87) Start brainstorming how you can best capture an image that communicates what it means to be timeless. A print from each level will be on display at the Extension Office for 1 year immediately following the Polk County Fair.

*B180909 My Favorite Other Photo – (SF87) Any other favorite photo. Exhibit must be 8"x10" mounted in appropriate size cut matting (no frames) with backing.

Level 2: Next Level Photography

All displays or prints must have Level 2 Data Tag for each photo securely attached to the back of the exhibit (see rules above). Data tags can be found on our county website: https://extension.unl.edu/statewide/polk/

Copies may be picked up at the Extension office.

Rules

Level 2 photographers should be utilizing all the skills and techniques they have developed thus far in their photography careers, especially topics covered in Book 1 – Photography Basics & Book 2 – Next Level Photography.

B181010 Level 2 Portfolio (SF88) - Level 2 portfolios represent the 4-H member's best work and must include five to seven different images from the 4-H member's photography career. At least two images must have been taken during the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 2 classes during the same year. Portfolios must include: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each image. When writing reflections, youth should focus on what new photography techniques they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.

B181020 Creative Techniques & Lighting Display or Print (SF87) - Photos capture a creative use of

lighting, such as diffused lighting, backlighting, or hard lighting, reflections, or another lighting technique covered in Book 2 Next Level Photography. (Activity 3, 4, 5)

B181030 Creative Composition Display or Print (SF87) - Photos capture a creative composition using the Rule of Thirds, Golden Triangle, Golden Rectangle, or another composition technique covered in Book 2 Next Level Photography. (Activity 6, 7, 8, 9)

B181040 Abstract Photography Display or Print (SF87) - Photos be abstract or capture a small piece of a larger subject. Abstract photos may not look like anything in particular but should be able to capture a viewer's attention. (Activity 11)

B181050 Candid Photography Display or Print (SF87) - Candid photos capture a special moment or meaningful interaction. Photos should be un-posed. (Activity 10)

B181060 Expression Through Color Display or Print (SF87) - Photos capture a creative use of color or a color scheme, such as complimentary, contrasting, monochromatic, warm, cool, primary, secondary, or tertiary. (Activity 13)

B181070 Black & White Photography (SF87) – A photo should be a black and white photograph that demonstrates strong use of composition, lighting, and contrast. Photos may be taken with any camera type (digital or film) but must be printed in black and white.

B181080 Creative and Experimental Photography Exhibit (SF86) – Using original photos a 4-H member has captured, create an exhibit in black and white or color demonstrating the use of creative or experimental technology or techniques. Alterations to the exhibit must be apparent. Examples of methods to use may include using artificial intelligence or software tools to edit or replace the original pixels of the image.

Artificial intelligence (AI) may be used when creating the exhibit, with adult care-giver permission. Any artificial intelligence work must be referenced. The 4-H member's original work must be the majority of the exhibit. Using photos and other work found online is not acceptable. Must include a 4 inch x 6 inch copy of each original image on the back of the matted exhibit, describe how the image(s) were altered and the equipment or software used.

***B181901 Polk County Theme Exhibit Print: "FAIREVER YOUNG"** - (SF87) Start brainstorming how you can best capture an image that communicates what it means to be timeless. A print from each level will be on display at the Extension Office for 1 year immediately following the Polk County Fair.

***B181902 My Favorite Other Photo** – (SF87) Any other favorite photo. Exhibit must be 8"x10" mounted in appropriate size cut matting (no frames) with backing.

Level 3: Mastering Photography

All displays or prints must have a Level 3 data tag for each photo securely attached to the back of the exhibit (see photography rules above). Data tags can be found here: https://extension.unl.edu/statewide/polk/

Rules

Level 3 photographers should be exploring and experimenting with advanced techniques. This may include but does not necessarily require using an SLR camera, manual adjustments, or other advanced equipment. Level 3 photographers should be utilizing all the skills and techniques they have developed throughout their photography career, especially topics covered in Book 1 Photography Basics, Book 2 Next Level Photography, and Book 3 Mastering Photography.

B182010 Level 3 Portfolio (SF88) - Level 3 portfolios represent the photographer's best work. Level 3

portfolios must include 9 to11 images from the 4-H member's photography career. At least 3 images should be from the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 3 classes during the same year. Portfolios must include: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each image. When writing reflections, 4-H members should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.

B182020 Advanced Techniques & Lighting Print (SF89) - Photos show an experimentation or exploration of advanced lighting, such as low-light or silhouette photography or another advanced photography technique, such as astrophotography, underwater photography, or infrared photography. (Activity 3, 4, 5, or 12)

B182030 Advanced Composition Print (SF89) - Photos show advanced compositions, such as using diagonal, horizontal, or vertical lines or repeating shapes to frame a subject or lead the viewer's eye through a scene; breaking the rule of thirds to compose a discordant image; or another advanced composition technique covered in Book 3 Mastering Photography. (Activity 6, 7)

B182040 Portrait Print (SF89) - A great portrait captures not only a person's physical image, but also something of the person's character or personality. Photos may be either formal or informal but must be of one or more human subjects. (Activity 9)

B182050 Still Life Print (SF89) - Photos capture non-moving objects that have been arranged in an interesting way. Photos should demonstrate advanced control over lighting and composition. (Activity 8)

B182060 Freeze/Blur the Moment Print (SF89) - Photos capture a subject in motion. Photographers should adjust shutter speed to either freeze or blur the movement. (Activity 11)

B182070 Black & White Photo: (SF89) – Photo demonstrates advanced black and white photograph with strong technical ability and creative expression. Photo demonstrates intentional use of contrast, lighting, and composition to create visual impact. Advanced editing is allowed as appropriate for black and white imagery.

B182080 Creative and Experimental Photography Exhibit (SF86) – Using original photos a 4-H member has captured, create an exhibit in black and white or color demonstrating the use of creative or experimental technology or techniques. Alterations to the exhibit must be apparent and advanced techniques used. Examples of methods to use may include using artificial intelligence or software tools to edit or replace the original pixels of the image or other advanced techniques.

Artificial intelligence (AI) may be used when creating this exhibit, with adult care-giver permission. Any artificial intelligence work must be referenced. The 4-H member’s original work must be the majority of the exhibit. Using photos and other work found online is not acceptable. Must include a 4 inch x 6 inch copy of each original images on the back of the matted exhibit, describe how the image(s) were altered and the equipment or software used.

*B182901 Polk County Theme Exhibit Print: “FAIREVER YOUNG” – (SF89) Start brainstorming how you can best capture an image that communicates what it means to be timeless. A print from each level will be on display at the Extension Office for 1 year immediately following the Polk County Fair.

*B182902 My Favorite Other Photo – (SF89) Any other favorite photo. Exhibit must be 8”x10” mounted in appropriate size cut matting (no frames) with backing

DEPARTMENT C

FAMILY & CONSUMER SCIENCES

Human Development
Premiums: $2.00, $1.75, $1.50, $1.25

The term Human Development includes childcare, family life, personal development, and character development.

Rules

Information Sheets

1. Classes 1 – 6 & Class 8: Final ribbon placing of the exhibit will include the completeness and accuracy of this information sheet. (Data Tag or answer the questions below).

Information sheets for Classes 1 - 6 should include:

1. Where did I get the idea for this exhibit?

2. What decisions did I make to be sure exhibit is safe for child to use?

3. What age is this toy, game or activity appropriate for and why? (Infant, Birth-18 mths; Toddlers, 18 mths-3 yrs; Preschoolers, 3-5 yrs or Middle Childhood, 6-9 yrs.) 4-H'ers must give at least two examples that help in understanding the appropriateness of this exhibit for the age of the child (see project manuals).

4. How is the toy, game or activity intended to be used by the child?

Information sheet for Class 8 should include:

1. State which ONE age group (infant, toddler, preschooler, middle childhood) the kit was prepared for.

2. What are children this age like? Give two examples to show how the kit would be appropriate for children this age.

3. What will the child learn or what skills will they gain by using the kit?

4. Which item(s) were made by the 4-H member. 4-H member should make one or more items in the kit, but purchased items are also allowed. (It is highly suggested that an inventory list of items in the kit be included).

For General Rules https://4h.unl.edu/fairbook/general/rules

Human Development Rules

1. Exhibitors in the Human Development project area will be asked to focus on designing toys/games/activities that meet the different needs of children.

2. **Categories:** are based on the Early Learning Guidelines in Nebraska which identify the important areas in which our children should grow and develop. Use the Nebraska Department of Education website and the resources around the Early Learning Guidelines to help understand the six areas and the skills children need to develop to create your exhibit, in conjunction with your project manual. https://www.education.ne.gov/oec/early-learning-guidelines

Toy, game, or activity made for a selected and identified age group. The intent is for the toy/game/activity to teach the child in the developmental area related to each class. For example, a game that is developed to help youth learn language and literacy skills

would be an exhibit for class C200002. Each area is a different class. Information sheet required or exhibit will be dropped a ribbon placing for classes 1-6.

C200001 Social Emotional Development (SF30)

C200002 Language and Literacy Development (SF30)

C200003 Science (SF30)

C200004 Health and Physical Development (SF30)

C200005 Math (SF30)

C200006 Creative Arts (SF30)

C200007 Activity with a Younger Child (SF115) - Poster or scrapbook showing 4-H'er working with a child age 0 to 8 years. May show making something with the child, or childcare or child interactions. May include photos, captions, story or essay. Size of exhibit is your choice. Other people may take photos so 4-H member can be in the photos. 4-H'er must make a scrapbook or poster. No information sheet needed for class 7.

C200008 Babysitting Kit (SF85) - Purpose of the kit is for the 4-H member to take this them when they babysit in someone else's home. Do not make kit for combination of ages or for your own family to use. 4-H member must make one or more items in the kit, but purchased additional items are also allowed. A list of items in the kit is suggested to be included. Display in box or bag suitable for what it contains. Approximate size not larger than 12 inches x 15 inches x 10 inches. All items in kit must be safe for child to handle. Most importantly the kit should serve a defined purpose, not just be a catch all for several items.

Information sheet required or exhibit will be dropped a ribbon placing for class 8. Information sheet for Class C200008 should include:

1. State which ONE age group (infant, toddler, preschooler, middle childhood) the kit was prepared for.
2. What are children this age like? Give two examples to show how the kit would be appropriate for children this age.
3. What will the child learn or what skills will they gain by using the kit?
4. Which item(s) were made by the 4-H member?

4-H'ers taking any of the projects in DEPARTMENT C-200 may enter:

C200009 Family Involvement Entry (SF115) - Scrapbook, poster or story describing an activity the family did together. It might include making something such as a doll house or feed bunk. Items may be exhibited if desired. Other possibilities include a house or farm cleanup project, a family reunion, a celebration of a family milestone, a trip or vacation, moving, a community service project. Photographs are encouraged. Visuals should show family participation. Participation by all family members is important. Include a list of family members and what each person did to participate in the event.

C200010 Growing with Others Scrapbook or Poster (SF115) - Examples - How to decide if it's time you can be home alone, and related activities. How responsibilities and privileges are related. Friendships. Working with others. Understanding rules and boundaries. A family tree. A family rules chart. A family meal plan, with pictures of a special family meal. A home safety checklist. Being

street smart (safety). A school scrapbook showing yourself and your school activities, memories, and special interests.

C200011 Growing in Communities (SF115) - Scrapbook or poster. Examples: A career study. A photo story about your own growth and development, not only physically but emotionally, socially, spiritually, mentally. A television evaluation (see project manual). How have you overcome obstacles. Friendships. A community profile. A community service project. Working with parents. Teaching experiences. Understanding discipline. Playground safety check.

Clothing

4-H members in the clothing category will demonstrate their knowledge through the creation of garments using STEAM (science, technology, engineering, arts, and mathematics) techniques. Five divisions in the clothing category offer a varying level of difficulty for 4-H members. For more resources and materials in this category refer to the resource section at the bottom of the page.

Department Rules

1. Entry Tags: Every clothing exhibit must be described on the appropriate entry tag accompanying it (for example: dark blue wool skirt and jacket, red and white printed blouse). Entry tag placement: as you look at the garment place the entry tag securely using safety pins on the right side of the garment and the hook of the hanger to the left.

2. Identification Labels: Each item entered as a clothing, knitting or crochet exhibit must have a label attached stating: County,4-H member's name and age, project name and class in which garment is entered and the number of years enrolled in the project exhibited. Wool entries must have fiber content listed on the identification label. Attach a label on every component of the outfit using safety pins or by basting. Not responsible for unlabeled items.

3. Preparation of Exhibits: Please bring all wearable exhibits on wire hangers or hangers with a swivel hook ONLY. All exhibits not suitable for hanging should be entered in a self-sealing plastic bag and hung on a hanger. Wool garments and garments with narrow straps hang better on other hangers, i.e., wooden or notched plastic hangers with a swivel hook. As you look at the garment, place the hook of the hanger pointing to the left. Fasten skirts, shorts and pants to skirt/pant hangers or safety pin on hanger. Each piece should be entered on its own hanger. If more than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands.

4. A Design Data Card must be included with all Beyond the Needle Classes C221003 through C221008 and STEAM 2 and 3 upcycled exhibits. The data card is available at http://go.unl.edu/ne4hclothing. If the data card is not included, the exhibit will be lowered one ribbon placing. The data card is only required for the classes listed above.

5. Removal of Entries: Entries may not be removed for use in any other State Fair activity, including State Fair Fashion Show.

6. General: Garments as listed may be made for self (4-H member) or another person. Garments will be displayed by county. 4-H'members participating in clothing projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in STEAM Clothing 3, you are not eligible to exhibit in STEAM Clothing 2.

7. Criteria for Judging: Scoresheets, forms, contest study materials and additional resources can be found at https://go.unl.edu/ne4hclothing In addition, all entries must conform to rules and regulations as set forth in the current Nebraska State Fair Book which can be found in the general rules.

General Clothing
Premiums: $2.50, $2.25, $2.00, $1.75

Rules

1. 4-H members in all skill levels may exhibit in this area
2. 4-H members must show their own original creativity

C220001 Clothing Portfolio **(SF20) – Complete at least four different samples/activities from Chapters 2, 3, OR 4 of the STEAM Clothing 2 project manual. The Portfolio should be placed in an 8.5 inch x 11 inch, three ring binder. Include an appropriate cover. Portfolio should build upon itself each year (additional pages can be added each year but should be dated.) See pages 9- 11 in STEAM Clothing 2: Simply Sewing project manual for portfolio formatting.**

C220002 Textile Science Scrapbook **(SF20) – Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 in STEAM Clothing 2: Simply Sewing project manual to identify fabric swatches. Completed textile cards should be placed in an 8.5 inch x 11 inch, three ring binder. Include an appropriate cover. Textile Science Scrapbook should build upon itself each year (additional pages can be added each year but should be dated). See the STEAM Clothing 2 project manual for fabric suggestions.**

C220003 Sewing For Profit **(SF63) - Using page 161-167 in the STEAM Clothing 2: Simply Sewing project manual, display what products you posted online and analyze the cost of goods purchased to determine the appropriate selling price for your product. The Exhibit may be a notebook, poster or small display. Exhibits should not exceed 22 inches x 30 inches.**

Beyond the Needle
Premiums: $2.50, $2.25, $2.00. $1.75

**Designates County Project Only – not eligible for State Fair Competition.*

C221001 Design Portfolio **(SF20) – A portfolio consisting of at least three design samples or activities. Refer to the Beyond the Needle project manual for activity ideas. The Portfolio should be placed in an 8.5 inch x 11 inch, three ring binder. Include an appropriate cover. (Additional pages can be added each year but should be dated.) See pages 14-16 in the Beyond the Needle project manual for portfolio formatting.**

C221002 Color Wheel **(SF20) – Create your own color wheel, complimentary color bar or color scheme using pages 27-39 in the Beyond the Needle project manual. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22 inches x 30 inches.**

C221003 Embellished Garment With Original Design (Eligible for State Fair Fashion Show) **(SF26) - Create a garment using techniques as defined in the project manual. Designs are the original idea of the 4-Her using the elements and principles of design to make an original statement. A Design Data Card must be included with this project. The data card is available at https://go.unl.edu/ne4hclothing. If additional information is not included, exhibit will be lowered one ribbon placing.**

C221004 Original Designed Fabric Yardage **(SF26) - Fabric yardage is designed using techniques such as those found in the manual. Other embellishments may be added. Exhibit consists of at least one yard of finished fabric. A Design Data Card must be included with this project. The data card is available at https://go.unl.edu/ne4hclothing. If additional information is not included, exhibit will be lowered one ribbon placing.**

C221005 Item (garment or non-clothing item) Constructed From Original Designed Fabric (Only garments are eligible for State Fair Fashion Show) **(SF26) - Fabric yardage is designed first, then an item is constructed from that fabric. Other embellishments may be added. A Design Data Card must be included with this project. The data card is available at https://go.unl.edu/ne4hclothing. If additional information is not included, exhibit will be lowered one ribbon placing.**

C221006 Textile Arts Garment or Accessory (Garment eligible for State Fair Fashion Show) **(SF26) - A garment or accessory constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape. A Design Data Card must be included with this project. The data card is available at https://go.unl.edu/ne4hclothing. If additional information is not included, exhibit will be lowered one ribbon placing.**

C221007 Fashion Accessory (Not eligible for State Fair Fashion Show) **(SF26) - An accessory designed and/or constructed using elements and principles of design; can be textile or non-textile based. Example: shoes, strung bracelet/necklace, wire wrapping, scarves, flip flops, design on tennis shoes, etc. A Design Data Card must be included with this project. The data card is available at http://go.unl.edu/ne4hclothing. If additional information is not included, exhibit will be lowered one ribbon placing.**

C221008 Wearable Technology Garment or Accessory (Garment is eligible for State Fair Fashion Show) **(SF26) - Technology is integrated into the garment or accessory in some way (For example: LEDs, charging capabilities, sensors, etc.) A Design Data Card must be included with this project. The data card is available at https://go.unl.edu/ne4hclothing. If additional information is not included, exhibit will be lowered one ribbon placing.**

*C221901 Embellished Garment – **(SF26)** Any surface embellishment that is applied to a purchased or constructed garment such as ribbon, lace, embroidery, applique, braid, buttons, fabric pieces. May use patterns or ideas from magazines. Commercial Iron-on appliques or any prepared item where materials are predetermined by the manufacturer will not be accepted.

*C221902 Decorated Garment - **(SF26)** This could be a purchased or constructed garment to which a purchased iron-on applique has been applied, or a tye-dye t-shirt.

*C221903 Wearable Art Accessory - **(SF26)** This is constructed from or decorated on a textile fiber base. Entry examples include fabric shoes, hat bag, and fabric necklaces, and hair accessories. Other acceptable items are those made from metal barrette bases, button pins, wooden leather necklaces and other non-fabric base.

*C221904 Wearable Art Necklaces - **(SF26)** Beaded or natural material jewelry made by the 4-H'er to complement an outfit.

*C221905 Wearable Art Bracelet - **(SF26)** Beaded or natural material jewelry made by 4-H'er to complement an outfit.

*C221906 Wearable Art Earrings - **(SF26)** Beaded or natural material jewelry made by 4-H'er to complement an outfit

*C221907 Wearable Art Keychain - **(SF26)** Beaded or natural material made by 4-H'er to use as an accessory

*C221908 Additional Decorated Garment -**(SF26)** This could be a purchased or constructed garment to which a purchased iron-on applique has been applied, or a tye-dye t-shirt.

CLOTHING CONSTRUCTION

Fundamentals: STEAM Clothing Level 1
Premiums: $1.50, $1.25, $1.00, $0.75

**Designates County Only Project – not eligible for state fair competition.*

4-H'ers may enter any number of the following items, made according to project manual. 4-H'ers may also enter any other simple sewing project that involves the same beginning principles learned in STEAM Clothing Level 1 project, including projects sewing straight seams, simple pillows, mittens, scarves, and other stuffed items.

*C220901 Clothing Portfolio - **(SF20)** Complete at least three different samples/activities from Chapter 2 OR Chapter 3 of the project manual. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. (Additional pages can be added each year but should be dated.) See pages 9-10 for portfolio formatting.

*C220902 Sewing Kit - **(SF20)** Include a list of sewing notions and purpose for each included. (pg. 12-17 in project manual)

*C220903 Fabric Textile Scrapbook - **(SF20)** Must include at least 5 different textile samples. Use Textile Information Cards template on page 41 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. See project manual for fabric suggestions.

*C220904 What's the Difference – **(SF20)** 4-H members enrolled in STEAM Clothing 1 may enter an exhibit (not to exceed 22" x 30') a notebook, poster, small display sharing a project comparison and price point. See project manual, "What's the Difference?" page 118-119.Exhibits should include pictures NO actual pillows

*C220905 Clothing Service Project - **(SF20)** Can include pillows or pillow cases but are not limited too. Exhibit (not to exceed 22" x 30') a notebook, poster, small display sharing information you generated in the project activity "Serving A Purpose" page 124 and 125.

*C220906 Pincushion – (CF 50)

*C220907 Pillowcase – (CF51)

*C220908 Simple Pillow **– (CF52) no larger than 18" x 18"**.

*C220909 Bag/Purse – (CF53A) No zippers or buttonholes.

*C220910 Simple Sewing Project - (CF53B) Any simple sewing project not designated with straight seam stitching. No buttons or zippers, etc.

Fundamentals: STEAM Clothing Level 1
Premiums: $3.00, $2.75, $2.50, $2.25

**Designates County Only Project – not eligible for state fair competition*

Exhibits must be made from medium weight woven fabrics that will sew and press smoothly, flannel/ fleece is acceptable. Solid color fabrics or those having an overall print are acceptable. NO PLAIDS, STRIPES, NAPPED or JERSEY KNIT. Patterns should be simple without darts, set-in sleeves, and collars. Raglan and kimono sleeves are acceptable.

*C220911 Simple Top – (SF28)

*C220912 Simple Bottom **–** (SF28)**Pants, Shorts, or Skirt**

*C220913 Simple Dress

*C220914 Other – (SF28)Using skills learned in project manual. (apron, vest, etc.)

*C220915 Upcycled Simple Garment - (SF28) The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. A "before" picture and a description of the redesign process must accompany the entry, or it will be disqualified.

*C220916 Upcycled Accessory – (SF28) A wearable accessory made from a used item. The item used must be changed in some way in the "redesign" process. A "before" picture and a description of the redesign process must accompany the entry, or it will be disqualified.

Simple Sewing: STEAM Clothing Level 2
Premiums: $4.00, $3.75, $3.50, $3.25

**Designates County Project Only – not eligible for State Fair Competition.*

Rules

Exhibits entered in this project must reflect at least one new skill learned from this manual (see project manual skill-level list). A list of skills by project is available at A list of skills by project is available at https://go.unl.edu/ne4hclothing. Garments as listed below may be made from any woven or knit fabric appropriate to the garment's design and should demonstrate sewing skills beyond STEAM Clothing

C222001 Design Basics, Understanding Design Principles **(SF20) – 4-H member's exhibit sharing a learning experience from pages 17-20 in the project manual. Include answers to questions found on page 20 of the manual. The exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22 inches x 30 inches.**

C222002 Pressing Matters **(SF20) – 4-H Members may enter a hem or sleeve roll from pages 21-25 "A Pressing Matter" in the STEAM Clothing 2 project manual. Exhibit should include answers to lesson questions that are most appropriate to include.**

C222003 Upcycled Garment **(Eligible for State Fair Fashion Show) (SF28) – Create a garment from used textile-based items. The original used item must be redesigned using skills learned in STEAM Clothing 2 (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A Design Data Card must be included with this project including a "before" picture no larger than 4.25 inches x 5.5 inches. If additional information is not included, exhibit will be lowered one ribbon placing. A list of skills and the Design Data Card are available at https://go.unl.edu/ne4hclothing.**

C222004 Upcycled Clothing Accessory **(Not eligible for State Fair Fashion Show) (SF28) – A wearable accessory made from a used item. The original used item must be redesigned using skills learned in STEAM Clothing 2 (not just decorated) in some way to create a new wearable accessory. The finished garment must reflect at least one skill learned in this project. A Design Data Card must be included with this project including a "before" picture no larger than 4.25 inches x 5.5 inches. If additional information is not included, the exhibit will be lowered one ribbon placing. A list of skills by project and the Design Data Card are available at https://go.unl.edu/ne4hclothing.**

C222005 Textile Clothing Accessory **(Not eligible for State Fair Fashion Show) (SF28) - Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 2. A list of skills by project is available at https://go.unl.edu/ne4hclothing. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)**

C222006 Top **(Not eligible for State Fair Fashion Shows) (SF28) - (vest acceptable)**

C222007 Bottom **(Not eligible for State Fair Fashion Shows) (SF28) - (pants or shorts)**

C222008 Skirt **(Not eligible for State Fair Fashion Shows) (SF28)**

C222009 Lined or Unlined Jacket **(Not eligible for State Fair Fashion Shows) (SF28)**

C222010 Dress **(Eligible for State Fair Fashion Shows) (SF28) - (not formal wear)**

C222011 Romper or Jumpsuit **(Eligible for State Fair Fashion Shows) (SF28)**

C222012 Two-Piece Outfit **(Eligible for State Fair Fashion Shows) (SF28)**

C222013 Alter Your Pattern **(SF28) (Eligible for State Fair Fashion Shows, in the class that best describes the type of garment constructed i.e. Dress, Romper or Jumpsuit, or Two-piece Outfit) - Garment constructed from a significantly altered pattern. Entry must include both the constructed garment and the altered pattern. Include information sheet that describes: 1) how the pattern was altered or changed, 2) why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 2 include: moving darts, merging two patterns together, altering a pattern for a woven or knit material, adding a lining).**

C222014 Garment Constructed from Sustainable or Unconventional [natural or synthetic] fibers **(Eligible for State Fair Fashion Shows, in the class that best describes the type of garment constructed i.e. Dress, Romper or Jumpsuit, or Two piece Outfit) (S28) - Fabric/Fibers used in this garment have to be manufactured/purchased, for example: bamboo, banana, corn husk, and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.**

*C222915 Extra Garment - (SF28)4-H'er may bring up to one extra garments that uses skills learned. May be extra dress, top and/or bottom. Novelty fabrics with more difficult matching prints will be accepted as an extra garment.

*C222916 Accessory – (SF28) Any matching accessory to the project – hair bow, hair scrunchies, tote bag or purse, etc., OR item made using skills learned in project (scarves, mittens, aprons, etc.)

A Stitch Further: STEAM Clothing Level 3
Premiums: $4.00, $3.75, $3.50, $3.25

Rules

Exhibits entered in this project must reflect at least one new skill learned from this manual (see project manual skill-level list). A list of skills by project is available at http://go.unl.edu/ne4hclothing. Garments as listed may be made from any pattern or any fabric and should demonstrate sewing skills beyond STEAM Clothing 2. Entry consists of completely constructed garments only. Wool entries must have fiber content listed on the identification label.

C223001 Upcycled Garment (Eligible for State Fair Fashion Shows)(SF28) – Create a garment from used textile-based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A list of skills by project is available at http://go.unl.edu/ne4hclothing. A Design Data Card must be included with this project including a "before" picture no larger than 4.25 inches x 5.5 inches. The data card is available at http://go.unl.edu/ne4hclothing.

C223002 Upcycled Clothing Accessory (Not eligible for State Fair Fashion Shows)(SF28) – A wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A list of skills by project is available at http://go.unl.edu/ne4hclothing . A Design Data Card must be included with this project including a "before" picture no larger than 4.25 inches x 5.5 inches. The data card is available at http://go.unl.edu/ne4hclothing.

C223003 Textile Clothing Accessory (Not eligible for State Fair Fashion Shows) (SF28) - Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 3. A list of skills by project is available at http://go.unl.edu/ne4hclothing. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

C223004 Dress or Formal (Eligible for State Fair Fashion Shows) (SF28)

C223005 Skirted Combination (Eligible for State Fair Fashion Shows) (SF28) - (skirt with shirt, vest, or jacket OR jumper and shirt)

C223006 Pants or Shorts Combination (Eligible for State Fair Fashion Shows) (SF28) - (pants or shorts with shirt, vest, or jacket)

C223007 Romper or Jumpsuit (Eligible for State Fair Fashion Shows) (SF28)

C223008 Specialty Wear (Eligible for State Fair Fashion Shows) (SF28) - (includes: swim wear, costumes, hunting gear, or chaps)

C223009 Lined or Unlined Jacket (Eligible for State Fair Fashion Shows)(SF28) -(non-tailored)

C223010 Coat, Blazer, Suit Jacket, or Outerwear (Eligible for State Fair Fashion Shows) (SF28) - A tailored blazer or suit jacket or coat. Wool entries must have the fiber content listed on the identification label to be considered for the Make It With Wool Award.

C223011 Alter/Design Your Pattern (SF28) - (Eligible for State Fair Fashion Shows, in the class that best describes the type of garment constructed i.e. Dress, Romper or Jumpsuit, or Two-piece Outfit) – Garment constructed from a significantly altered pattern. Entry must include both the constructed garment and the altered pattern. Include information sheet that describes: 1. how the pattern was altered or changed, 2. why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 3 include: moving darts, adding a zipper, merging two patterns together, altering a pattern for a woven or knit material, adding a lining, designing your own pattern).

C223012 Garment Constructed from Sustainable or Unconventional [natural or synthetic] fibers (Eligible for State Fair Fashion Shows, in the class that best describes the type of garment constructed i.e. Dress, Romper or Jumpsuit, or Two-piece Outfit) (SF28) - Fabric/Fibers used in this garment have to be manufactured/purchased, for example: bamboo, banana, corn husk, and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.

Fun With Fleece
General
Premiums: $3.00, $2.75, $2.50, $2.25

** Designates County Project Only – not eligible for State Fair Competition.*

4-H members must show their own original creativity. Garment may be made for self or others.

*C235901 Tie Pillow – (CF53C) One fleece tie pillow, any size.

*C235902 Tie Blanket –(CF53C) One fleece tie blanket, any size.

*C235903 Extra Fleece Item – (CF53C) 4-H'er may bring one item made from fleece. This may include

extra items in classes 901 and 902, fleece garments, or any other fleece item.

Fiber Arts – Knitting & Crocheting

The purpose of this category is to establish basic to advanced crocheting and knitting skills. In addition, projects in this category require 4-H members to select adequate yarn and make design decisions. For more resources and materials in this category refer to the resource section at the bottom of the page.

Department Rules

1. Entry Tags: Every exhibit must be described on the appropriate entry tag accompanying it (for example: blue afghan, yellow sweater, crocheted gray elephant). Attach the entry tag securely to the exhibit using straight pin or safety pins (no paper clips).

2. Identification Labels: Each item entered as a knitting or crocheting exhibit must have a label attached stating: County,4-H member's name and age, project name and class in which exhibit is entered, and the number of years the 4-H member has exhibited in respective level. Wool entries must have fiber content listed on the identification label. Attach a label on every component of the exhibit using safety pins or by basting. Not responsible for unlabeled items.

3. Preparation of Exhibits: Knitted and Crocheted exhibits should be entered in the most appropriate manner for the exhibit.

4. Removal of Entries: Entries may not be removed for use in any other State Fair activity including State Fair Fashion Shows.

5. General: Garments as listed may be made for self (4-H member) or another person. All knitted and crocheted items will be displayed together or by county. 4-H members should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in Knitting Level 3, you are not eligible to exhibit in Knitting Level 2.

Knitting

Rules

1. All knitted items will be displayed in the clothing area at the Nebraska State Fair

2. Criteria for judging knitting: Design and Color, Neatness, Knitting Mechanics, Trimmings, and Constructions Finishes.

3. Each knitted exhibit must include the following information on the fiber arts data card with the entry tag or exhibit will be lowered one ribbon placing. A Fiber Arts knitting data card is available at https://go.unl.edu/ne4hclothing

- Why did you choose to create this exhibit?
- What steps did you take as you created this exhibit?
- What were the most important things you learned?
- Gauge-Number of rows per inch; number of stitches per inch.
- Size of needles, finger knitted, arm knitted, loom or machine knitted
- Kind of yarn – weight and fiber content.
- Names of stitches used.

Learn To Knit
Premiums: $2.00, $1.75, $1.50, $1.25

** Designates County Project Only – not eligible for State Fair Competition.*

*C225901 Slippers (SF60)

*C225902 Head Hugger or Long Scarf (SF60)

*C225903 Mittens (SF60)

*C225904 Other Knitted Article (SF60)

Knitting Unit 2 & 3
Premiums: $2.50, $2.25, $2.00, $1.75

C225001 Level 2 Knitted Clothing **(SF60) - (Garment eligible for State Fair Fashion Show) – Knitted item or garment using pattern stitches such as diamond, block, twist or seed/moss stitches. Basic stitches [including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo)] to form pattern**

C225002 Level 2 Knitted Non-Wearable Item **(SF60) - Knitted Item using basic stitches [including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo)] to form patterns**

C225003 Arm or Finger Knitted Item **(SF60) - (Wearable or Non-wearable Item)**

C225004 Loom Knitted Item **(SF60) - (Clothing or Home Design & Restoration Item)**

C225005 Level 3 Knitted Clothing **(SF60) - (Garment eligible for State Fair Fashion Show) – Knitted item or garment made from advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle. made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting**

C225006 - Level 3 Knitted Non-wearable Item - **(SF60) - Knitted item made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.**

C225007 - Level 3 Machine Knitting - **(SF60)**

Crochet

Rules

1. All crocheted items will be displayed in the clothing area at the Nebraska State Fair.

2. Criteria for judging crocheting: Design and Color, Neatness, Crochet Mechanics, Trimmings, and Construction Finishes.

3. Each crocheted exhibit must include the following information on the fiber arts data card with the entry tag or exhibit will be lowered one ribbon placing: A Fiber Arts crocheting data form is available at https://go.unl.edu/ne4hclothing

- Why did you choose to create this exhibit?
- What steps did you take as you created your exhibit?
- What were the most important things you learned?
- Gauge and size of hook or type of crocheting tool.
- Kind of yarn - weight and fiber content or other material used.
- Names of stiches used.

Beginning Crochet

Premiums: $2.00, $1.75, $1.50, $1.25

** Designates County Project Only – not eligible for State Fair Competition.*

Use stitches in manual in Beginning Unit.

Wearable entries:

*C226901 (SF60)**Two or more coordinated Articles (ex. cap & scarf or cap & mittens)**

*C226902 (SF60) **Garment** (ex. sweater, vest, cap)

*C226903(SF60) Accessory (ex. hat or purse)

Non-wearable entries:

*C226904 (SF60) Afghan or Similar Article

*C226905 (SF60) Pillow and/or Doily

*C226906 (SF60) Rug and/or Toy

Level 2 & 3 Crochet
Premiums: $2.50, $2.25, $2.00, $1.75

C226001 Level 2 Crocheted Clothing (SF60) - (Garment eligible for State Fair Fashion Shows) - Crochetedgarment using basic stitches [including: chain, single, double, half-double, treble] to form patterns

C226002 Level 2 Crocheted Home Design & Restoration Item (SF60) - Crocheted item using basic stitches [including: chain, single, double, half-double, treble] to form patterns

C226003 Level 3 Crocheted Clothing (SF60) - (Garment eligible for State Fair Fashion Shows) - Crocheted garment using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

C226004 - Level 3 Crocheted Home Design & Restoration Item - (SF60)- Crochet item using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

Weaving
Premiums: $2.50, 2.25, $2.00, $1.75

** Designates County Project Only – not eligible for State Fair Competition.*

Rules

All woven items will be displayed in the clothing area. Criteria for judging weaving: Design and Color, Neatness, Weaving Mechanics and Construction Finishes.

Information Sheet must be included for all classes in Weaving. Each woven exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:

- What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s)?
- What steps did you take as you worked toward your goal(s)?
- What were the most important things you learned as you worked toward your goal(s)?
- Type of Loom.
- Kind of yarn – weight and fiber content or other material used.
- Names of weave structures used.

- Copy of directions.

*C227901 Level 1 Woven Garment with a plain or balanced weave using a rigid heddle loom. (SF60) Such as: Scarf, Shawl, Belt

*C227902 Level 2 Woven Garment using basic weaving techniques and threading patterns with a four-harness loom (SF60)

*C227903 .....Level 3 Woven Garment using advanced weaving techniques and threading patterns with any loom. Such as lace, overshot, tapestry. (SF60)

Consumer Management

Consumer management helps participants learn more about how to make smart fiscal decisions and how to improve financial literacy. The different exhibits provide a variety of learning experiences for 4-H members. Participants in this category will emphasize setting smart goals and keeping a spending plan. For more resources and materials in this category refer to the resource section at the bottom of the page.

Shopping In Style
Premiums: $2.00, $1.50, $1.00, $0.75

Rules

If the exhibit is a poster it should be on a 14 inches x 22 inches poster board. If a three-ring binder is used it should be 8.5 inches x 11 inches. Folders with or without fasteners should NOT be used and entries will be lowered a ribbon placing. Video exhibits should be less than five minutes in length. Multi-media presentations and exhibits are to be uploaded to a video streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing. Do NOT include the Shopping in Style Fashion Show Written Report with Narration Form SF184 in any exhibits.

C240001 Best Buy for Your Buck (SF84) - (Ages 8-13 before January 1 of the current year) - Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a three-ring binder or video, no posters please (see general information above). Do not include the Shopping In Style Fashion Show Information Sheet in your entry for this class. Although both entries do share some information, there are differences in content and format for this class.

Provide details about wardrobe inventory which indicates the following:

- Why you selected the garment you did
- Clothing budget
- Cost of garment
- Conclusion or summary statement(s) stating your final comments on why you selected your "best buy for your buck."
- Provide 3 color photos of you wearing the garment - front view - side view - back view

C240002 Best Buy for Your Buck (SF84) - (Ages 14-18 before January 1 of the current year) Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a three-ring binder or video, no posters please (see general information above). Do NOT include the Shopping In Style Fashion Show Written Report with Narration Form SF184 in your entry. Although both entries do share some information, there are differences in content and format for this class.

Provide details listed for those ages 8-13 plus include the following additions:

- Body shape discussion
- Construction quality details
- Design features that affected your selection
- Cost per wearing
- Care of garment
- Conclusion or summary statement(s) stating your final comments on why you selected your "best buy for your buck."
- Provide 3 color photos of you wearing the garment - front view - side view - back view

C240003 Revive Your Wardrobe (SF88) - Take at least two items in your wardrobe that still fit but that you don't wear anymore and pair them with a new garment or garments to make them wearable once again. Create a photo story which includes before and after photos and a description of what was done. Put in a three-ring binder, poster, or video (see general information).

C240004 Show Me Your Colors (SF89) - Select six-eight color photos of you wearing different colors. Half should be what you consider to be good personal color choices and half should be poor personal color choices. Write a brief explanation with each photo describing your selections. Refer to the manual page 23 for more information. Entry should be a poster (see general information).

C240005 Clothing 1st Aid Kit (SF64) - Refer to page 73 of the manual and complete a clothing first aid kit. Include a list of items in the kit and brief discussion of why each was included. Put in an appropriately sized box or tote with a lid. No larger than a shoe box.

C240006 Mix, Match, & Multiply (SF90) - Using this concept from page 32 of the manual take at least five pieces of clothing and create new outfits. Use your imagination to show various looks (i.e. on a clothesline, in a tree, on a mannequin). Include a brief discussion of each outfit which demonstrates what you have learned by completing this entry. Entry can be a three-ring binder, poster, or video (see general information).

My Financial Future
Premiums: $2.00, $1.50, $1.00, $0.75

Rules

General Information: Entries should be typed and then attached to a piece of colored card stock or colored poster board (limit the size of the poster board or card stock to 14 inches x 22 inches or smaller). You may use the front and back of the poster board. Scoresheet:

247001 Write 3 SMART financial goals for yourself (SF247) - one should be short term, one intermediate, and one long term. Explain how you intend to reach each goal you set.

247002 Income Inventory (SF247) - Using page 13 as a guideline, list sources and amounts of income you earn/receive over a six-month period. Answer the following questions: What were your income sources? Were there any steady income sources? What did you do with the income you received? Include your income inventory in the exhibit.

247003 Tracking Expenses (SF247) - Use an app or chart like the one on page 17 to track your spending over two months. Answer the following questions: What did you spend most of your money on? What did you learn about your spending habits? Will you make any changes in your spending based upon what you learned? Why or why not? Include your chart in your exhibit.

247004 Money Personality Profile (SF247) - Complete the money personality profile found on pages 21-22. Answer the following questions: What is your money personality? How does your money personality affect the way you spend/save money? Have a friend or family member complete the money

personality profile. Compare and contrast (how are you alike how are you different) your money personality profile with theirs.

247005 Complete Activity 8 "What Does It Really Cost?"(SF247) - on pages 39-40.

247006 My Work; My Future (SF247) - Interview three adults in your life about their careers or jobs using the questions on page 51 and record these answers. In addition, answer the following questions on your display. What did you find most interesting about these jobs? Were there any positions you might want to pursue as your career? Why/Why not? What careers interest you at this point in your life? What are three steps you need to do now to prepare for this career?

247007 Interview (SF247) - Interview someone who is paid a salary; someone who is paid a commission; and someone who is paid an hourly wage. Have them answer the following questions plus any additional questions you may have. *What are some benefits of receiving your pay the way you do (salary, commission, or hourly wage)? *What are some negative outcomes for getting paid the way you do? *Does your pay keep pace with inflation? Why do you think this? Summarize: Based upon your interviews which payment method would suit you the best? Discuss your answer.

247008 The Cost of Not Banking (SF247) - Type your answers to the questions about Elliot on page 50.

247009 Evaluating Investment Alternatives (SF247) - complete the case study of Jorge on page 64. Answer all three questions found at the bottom of the page.

2470010 Understanding Credit Scores (SF247) - Watch the video and read the resource listed on page 71. Answer the following questions. *Name three prudent actions that can reduce a credit card balance. *What are the main factors that drive the cost of credit? *List one personal financial goal that you could use credit or collateral to purchase. Discuss possible consequences that might happen with improper use of credit for your purchase.

247011 You Be the Teacher (SF247) - Create an activity, story board, game or display that would teach another youth about "Key Terms" listed on page 62. Activity/display must include at least five of the terms.

4-H Fashion Show

4-H members are allowed to model up to three items from constructed garments plus one Shopping In Style and one $25 Challenge.

The 4-H Fashion Show is an opportunity for 4-H members to showcase their clothing construction and consumer management skills. Construction garment members are judged on fit, construction, poise, and overall look of the garment on the individual. Shopping In Style members are judged on garment fit, the overall look of the outfit, and poise, as well as record keeping skills in the written report.

C410010 Modeled "Beyond the Needle" Embellished Garment(s) with an Original Design (SF118) - Garment is created using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-H member using the elements and principles of design to make an original statement.

C410015 Modeled "Beyond the Needle" Garment Constructed From Original Designed Fabric (SF118) - Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added.

C410020 Modeled "Beyond the Needle" Textile Arts Garment(s) (SF118) - Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.

C410025 Modeled "Beyond the Needle" Wearable Technology Garment (SF118) - Garment has integrated technology into its design.

Sewing Fundamentals: STEAM Clothing Level 1
Premiums: $2.00, $1.50, $1.00, $0.75

** Designates County Project Only – not eligible for State Fair Competition.*

*C410901 Modeled Simple Sewing - (SF60) 4-H'ers will not model before the judge, but can model at the public style review, carrying up one entries from the project. This will give them some experience in modeling without the pressure. Participation ribbon only.

*C410902 Modeled – Clothing Level 1 (SF60) 4-H'ers will model garments made in the Sewing Fundamentals: Steam Clothing Level 1 Project.

Simply Sewing: STEAM Clothing Level 2
Premiums: $2.00, $1.50, $1.00, $0.75

C410030 Modeled Constructed STEAM Clothing 2 Garment(s) (SF118) - 4-H members who have enrolled in or who have completed STEAM Clothing 3 projects are not eligible to enter STEAM Clothing 2. Possible types of STEAM Clothing 2 garments include:

- Dress; OR
- Romper or Jumpsuit; OR
- Two-Piece Outfit Combination (skirt with top, vest, or lined/unlined jacket; jumper and top; pants or shorts outfit (pants or shorts with top, vest, lined/unlined jacket). Or a purchased top can be worn to complete a vest or lined/unlined jacket outfit with a constructed bottom. OR
- Upcycled Outfit Combination - must contain a complete constructed outfit (examples: if the top is upcycled, must include a constructed bottom, upcycled dress).

C410040 Modeled Constructed STEAM Clothing 3 Garment(s) (SF118) - Possible types of STEAM Clothing three garments include:

- Dress or formal; OR
- Skirted Outfit Combination (skirt with top, vest, lined/unlined jacket OR jumper and shirt) A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts.; OR
- Pants or Shorts Outfit Combination (pants or shorts with top, vest, lined/unlined jacket) A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts.; OR
- Romper or Jumpsuit; OR
- Specialty Wear (swim wear, costumes, western wear-chaps, chinks, riding attire or hunting gear); OR
- Non-tailored Lined or Unlined Jacket or Coat, additional pieces with jacket or coat may either be constructed or purchased.; OR
- Tailored Coat, Blazer, Suit Jacket, or Outerwear. Additional pieces with coat, blazer, jacket or outerwear may either be constructed or purchased. OR
- Upcycled Outfit Combination - must contain a complete constructed outfit (examples: if the top is upcycled, must include a constructed bottom, upcycled dress).

C410050 Modeled Knitted or Crocheted Clothing (Level 2 or 3) (SF118) - Knitted garment using pattern stitches such as diamond, block, twist or seed/moss stitches or advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle. Crocheted garment using pattern stitches such as texture, shell, cluster or mesh stitches or advance crochet stitches such as afghan,

broomstick, hairpin lace, design motifs or pattern stitches. The garment can be a sweater, cardigan, dress, coat, a top and bottom, or a two-piece ensemble.

C410060 Modeled Shopping In Style Purchased Outfit and Written Report (SF185) - The curriculum is developed and designed for youth ages 8 and older to help them strengthen their consumer skills when purchasing clothing. 4-H members must model a complete outfit. All pieces of the garment must be purchased.

(age groups are based on each year's number of participants)

$25 Challenge
Premiums: $3.00, $2.50, $2.00, $1.75

Any 4-H'er may model a Fashion 4 Fifteen outfit. Each Fashion 4 Fifteen outfit will consist of a thrift store, consignment store, or garage sale purchase which makes a completely wearable outfit for under $15, not including shoes or accessories. The outfit can be worn as purchased or can be altered or remade for fashion (anyone may do the altering). For example, a denim skirt could have a ruffle attached or jeans could be made into capris. A narration sheet must accompany the entry. Consider why the outfit is needed and how it fills a void in your wardrobe. Consider the fit, quality and care of the garment.

C410905 $25 Challenge (CF25)

(age groups are based on each year's number of participants)

HOME DESIGN & RESTORATION

The purpose of Home Design & Restoration is to learn design principles and develop graphic design techniques. In addition, activities in this category encourage well-thought-out design plans and diverse artistic techniques. Be sure to take note of the rules section to develop a successful project.

Department Rules

Home Design & Restoration Exhibits are evaluated by these criteria:

1. Items must be designed to be used for home decorating, home furnishing or home management (no clothing, purses, note cards, scrapbooks/photo albums, etc.).

2. Accessories should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday-specific items are discouraged. Exhibits made from kits are also discouraged as kits limit decision making in the design process.

3. Items should show creativity and originality, along with the application of design elements and principles. 4-H members are required to include the design elements and principles they used, along with simple explanation of how they designed their project with their exhibit. Information on the elements and principles of design may be found in the Design Decisions manual, as well as Portfolio Pathways and Sketchbook Crossroads.

4. Entered in correct class: What medium was changed or manipulated? What medium is the majority of your exhibit made from?

5. Items should be ready for display in the home: pictures framed, wall hangings and pictures ready to hang etc. No single mat board or artist canvas panels allowed. Wrapped canvas (if staples not visible on edge) is accepted without framing. Make sure hangers are strong enough to support the item. Command Strips are not adequate hangers. Items not ready for display will be dropped one ribbon placing.

6. Items should not be made for beginning level or other projects (ex: simple (10 minute) table runners or woodworking). Exhibits from the beginning level project, such as Design My Place, are county only and not state fair eligible.

7. Size of Exhibits: Exhibits may be no taller than 7 feet and no wider than 6 feet. All exhibits must be easily lifted by two 4-H staff.

8. Entry Tags: An entry tag which includes a clear description of the entry must be securely attached to each exhibit. Use color, pattern or picture descriptions to aid in identification. No straight pins.

9. Identification: In addition to the entry tag, a label with the 4-H member's name and county should be attached to each separate piece of the exhibit.

10. Supporting Information: Supporting information is required for all exhibits. Information must include elements or principles of design used and steps taken to complete project. Tag templates can be found at https://go.unl.edu/ne4hhomedesignrestoration. Exhibits without supporting information will be lowered a ribbon placing.

Design My Space
Premiums: $2.50, $2.25, $2.00, $1.75

**Designates County Project Only – not eligible for State Fair Competition.*

*C251901 Needlework Item (SF200) made with yarn or floss.

*C251902 Simple Fabric Accessory (SF200) like a pillow, laundry bag, pillowcase, table runner, etc.

*C251903 Accessory made With Original Batik or Tie Dye (SF200)

*C251904 Simple Accessory Made Using Wood (SF200)

*C251905 Simple Accessory Made Using Plastic (SF200)

*C251906 Simple Accessory Made Using Glass (SF200)

*C251907 Simple Accessory Made Using Clay (SF200)

*C251908 Simple Accessory Made Using Paper (SF200)

*C251909 Simple Accessory Made Using Metal Tooling or Metal Punch (SF200)

*C251910 Storage Item Made Or Recycled (SF200)

*C251911 Bulletin or Message Board (SF200)

*C251912 Problem Solved: (SF200) Use a creative method to show you solved a problem (air quality, water, sound, temperature, lighting, fire escape plan, etc.)

*C251913 Video (SF200) **Showing How To Make a Bed, Organize a Room, Or The Steps You Used To Make Your Simple Accessory 4-H'ers Room**.

*C251914 Extra Home Item (SF200) Any other home design & restoration project using skills learned in Design My Space.

Design Decisions
Premiums: $3.50, $3.25, $3.00, $2.75

**Designates County Project Only – not eligible for State Fair Competition.*

Attach information to explain steps taken. Information must also include element or principle of design used (p. 9-12).

C257001 Design Board for a Room (SF 201) - Include: color scheme, wall treatment, floor treatment, etc. OR floor plan for a room. Posters, 22 inches x 28 inches, Show what you learned with before and after pictures or diagrams, samples, story, cost comparisons, optional arrangements, etc.

C257002 Problem Solved, Energy Savers OR Career Exploration (SF201) – Identify a problem (such as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.) OR explore a career related to home environment (what would it be, what education is needed, what would you do, etc.). Using poster, notebook, or other method, describe the problem and how it was solved OR your career exploration. (p. 74-93)

C257003 Solar, Wind, or Other Energy Alternatives for the Home (SF201) – Can be models, either an original creation or an adaptation of kit. If kit, label and explain what was learned and how the item could be used in or on exterior of home. (p. 74-93)

C257004 Technology in Design (SF200) - . Incorporate technology into a project related to home design or use technology to develop the design; for example, using conductive thread to create a circuit that enhances a wall hanging or create the design with a 3D printer.

C257006 Window Covering (SF200) - May include curtains, draperies, shades, shutters, etc.

C257007 Floor Covering (SF200) – May be woven, braided, painted floor cloth, etc. May be exhibited as a poster

C257008 Bedcover (SF200) - May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts, state who did the quilting. (No fleece tied exhibits.) (p. 50-53)

C257009 Accessory – Original Needlework/Stitchery(SF200)

C257010 Accessory – Textile – 2D (SF200) - table cloth or runner, dresser scarf, wall hanging, etc. No tied fleece blankets or beginning/10-minute table runners.

C257011 Accessory – Textile – 3D (SF200) - pillows, pillow shams, fabric bowls, etc. No fleece tied exhibits

C257012 Accessory – 2D (SF200)

C257013 Accessory – 3D (SF200) - string art, wreaths, etc.

C257014 Accessory – Original Floral Design (SF200)

C257015 Accessory – Original made from Wood (SF200)– burn, cut, shape or otherwise manipulate

C257016 Accessory – Original made from Glass (SF200) –etch, mosaic, stain, molten or otherwise manipulate

C257017 Accessory – Original made from Metal (SF200)–cut, shape, punch, sculpt, reassemble or otherwise manipulate.

C257018 Accessory – Original made from Ceramic or Tile (SF200) – Treatment to exhibit must go through process that permanently alters the medium. Painting alone is not sufficient.

C257019 Accessory – Recycled/Upcycled Item for the home (SF207) - reuse a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.

C257020 Furniture – Recycled/Remade (SF207) - made or finished by using a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.

C257021 Furniture – Wood Opaque finish such as Paint or Enamel (SF203)

C257022 Furniture – Wood Clear finish showing Wood Grain (SF203)

C257023 Furniture – Fabric Covered (SF200) - May include stool, chair seat, slipcovers, headboard, etc.

C257024 Furniture – Outdoor Living (SF200) - Furniture made/refurbished suitable for outdoor use. (NOTE: May be displayed outside). Include description of what was done to recycle or reuse item in your attached information.

C257025 Accessory – Outdoor Living (SF200) - Accessory made/refurbished by 4-H member suitable for outdoor use. (NOTE: May be displayed outside.) Include description of what was done to recycle or reuse item in your attached information.

*C257901 Picture - (SF200) Item is judged for workmanship and wise application of art elements and design principles.

*C257902 Extra Accessory or Item for Home – (SF200) Show techniques learned in Design Decisions project.

*C257903 Extra Wall Hanging – (SF200) 2 Dimensional

*C257904 Extra Wall Hanging – (SF200) 3 Dimensional

*C257905 Extra Dimensional Surface Accessory (SF200) that will set on table, dresser or floor.

*C257906 Extra Bedcover – (SF200) May include quilt, comforter, bedspread, dust ruffle, pillow sham, canopy, etc. For quilts, state who did the piecing, quilting.

*C257907 Extra Fabric Accessory - (SF200) Pillow, tablecloth or runner, dresser scarf, etc.

*C257908 Outdoor Living Garden Plant/Container - (SF200) Potted plant in container decorated by 4-H'er.

Home Antique Restoration
Premiums: $3.50, $3.25, $3.00, $2.75

**Designates County Project Only – not eligible for State Fair Competition.*

Rules

1. This project area is for items with historic, sentimental or antique value that are restored, repurposed or refinished to keep their original look and value. It is not for "recycled" items. For example, a bench would be considered an heirloom if the original finish is restored, but if decorated by painting it would be considered recycled. Entering highly valuable items (especially small ones) is discouraged, as exhibits are not displayed in closed cases.

2. NOTE: Resources to support this project area are available on the 4-H website. Attach information including:

- List of steps taken to complete your project. Before and after pictures are encouraged.
- Keepsakes documentation: how you acquired the item and the history of the item may be written with pictures included.

C256001 Trunks (SF206) - including doll-sized trunks or wardrobes.

C256002 An Article either a repurposed "treasure" (accessory) from an old item or an old "treasure" (accessory) refinished or renovated (SF205) - May include a display of a collection or collectibles, being careful not to destroy value of the collection.

C256003 Furniture (SF205) - either a repurposed "treasure" from an old item or an old "treasure" refinished or renovated. May include doll-sized furniture.

C256004 Cleaned and Restored Heirloom Accessory or Furniture (SF205) - A reconditioned and cleaned old piece of furniture or accessory that is functional for use or display. Item might be cleaned and waxed, and simple repairs made. Item would not be refinished or repainted, but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. Consult extension publication Care and Conservation of Heirloom Textiles for information on textiles. This publication can be found in the Digital Commons at: https://go.unl.edu/gcnh (Refinished items go in classes 2 – 3.) This class is for situations where it may be best to do very little to the item to maintain its antique value. Item or article should be of complexity suited to an advanced project.

Visual Arts

Premiums: $3.00, $2.75, $2.50, $2.25

**Designates County Project Only – not eligible for State Fair Competition.*

Department Rules

1. Original Work - Items must be the original work of the 4-H member and should show creativity and originality. No copyrighted images or master studies.

2. Ready for Professional Display - All exhibits must be presented appropriately for the medium(s) used and ready to be professionally displayed. Two-dimensional pieces on paper should be framed behind glass/plexiglass. Canvas boards should be framed but glass/plexiglass is not necessary. Stretched canvases do not need frames as long as staples are not visible on the edges. All two-dimensional pieces should be ready to hang using a sawtooth or wire hanger.

3. Entries per Exhibitor: 4-H member may enter one exhibit per class (see general rules).

4. Entry Descriptions: Entry tags should include a visual description of the exhibit, including size, dominant color, and subject to aid in identification.

5. Supporting Information: Supporting information is required for all Visual Arts exhibits. Information must include responses to all questions and steps taken to complete the project. Supporting information must be securely attached to the back of the piece. Supporting Information tag templates can be found at https://go.unl.edu/ne4hvisualarts. Exhibits with missing or incomplete supporting information will be lowered a ribbon placing.

6. Class Changes: Exhibits must be entered in the appropriate class based on the medium(s) used or theme. No class changes will be made after check-in. Exhibits in inappropriate classes may be lowered a ribbon placing. Supporting information may provide evidence or justification for the piece being entered in a specific class.

Visual Arts Mediums

C260001 Original Acrylic Painting **(SF200)**

C260002 Original Oil Painting **(SF200)**

C260003 Original Watercolor Painting **(SF200)**

C260004 Original Pencil Drawing **(SF200)**

C260005 Original Charcoal Drawing **(SF200)**

C260006 Original Ink Drawing **(SF200)**

C260007 Original Fiber Art **(SF200) - Could include weaved art, dyed fabric, felted wool, cotton linter, batik, etc.**

C260008 Original Sculpture **(SF200) - Could include Styrofoam, wood, cardboard, paper, metal, wire, etc.**

C260009 Original Ceramic Pottery **(SF200) - No purchased ceramic pottery. Must be glazed and fired. May be any hand-built technique or wheel thrown. May be functional or non-functional. Could include slab built, pinch pots, coil built, wheel thrown, etc.**

C260010 Original Painting on Purchased Ceramic Surface **(SF200) - No hand-built or wheel thrown pottery. May be functional or non-functional. Could include figurines, cups, bowls, etc.**

C260011 Original Single Media Not Listed **(SF200) - Could include digital art, leathercrafting, printmaking, stained glass, pastels, scratchboard, sand painting, encaustic painting, chalk, etc.**

C260012 Original Mixed Media **(SF200) - Could include any combination of two or more other mediums or materials.**

*C260901 Fiber (SF200)

*C260902 Clay (SF200)

*C260903 Textiles (SF200)

*C260904 Wood (SF200)

*C260905 Glass (SF200)

*C260906 Ceramic (SF200)

*C260907 Paper (SF200)

*C260908 Metal (SF200)

*C260909 Chalk (SF200)

*C260910 Carbon/Ink (SF200)

*C260911 Pigment/Watercolor (SF200)

*C260912 Natural Materials (SF200)

*C260913 Mixed Media (SF200) 4-H'er must have manipulated each media. Example – cut out wood, paint surface.)

*C260914 Extra Art Item (SF200) Any extra item for the home using skills from the project.

Visual Art Themes

Rules

Exhibits may utilize any medium or combination of mediums on any surface. All exhibits must be appropriately presented and ready to be professionally displayed. Artwork should depict the artist's own interpretation of the theme. All exhibits should include an explanation of how the piece reflects the theme and what ideas or thoughts the artist was attempting to express or communicate.

C261001 Original Art Inspired by Plants or Animals **(SF200) - could involve but is not limited to domestic animals, pets, agriculture, wild animals, wildlife conservation, house plants, fruit, vegetables, flowers, native plants, trees, etc.**

C261002 Original Art Inspired by Landscapes **(SF200) - could involve but is not limited to rural**

landscapes, natural environments, man-made environments, urban landscapes, extraterrestrial landscapes, oceanic scenes, buildings, fantasy landscapes, agricultural landscapes, etc.

C261003 Original Art Inspired by People **(SF200) - could involve but is not limited to cultural art, modern society, portraits, daily life, careers, families, emotions, etc.**

C261004 Original Art Inspired by Artist's Choice **(SF200) - could involve but is not limited to food, cars, fantasy worlds, imaginary characters, science-fiction, history, etc.**

Quilt Quest
Premiums: $3.50, $3.25, $3.00, $2.75

In Quilt Quest, 4-H members learn skills as they progress through the project. The least experienced 4-H member will select fabric, cut, and sew together only squares or rectangles in making the quilt top. They may have additional guidance in piecing the quilt block and layering together the quilt top, inner batting and the quilt bottom another person can do the quilting for them.

In the Premier class, the 4-H member has developed skills to be able to do all of the work by himself/herself. This includes pattern and fabric selection, cutting and sewing individual pieces, layering the quilt top/batting/backing together, and quilting. Quilting may be done by hand, by sewing machine or by a commercial-grade quilting machine. After quilting, the 4-H member must finish the quilt by "squaring it up," put binding on the edge, and placing a label on the quilt which provides details about the quilt making process for historical purposes.

Department Rules

1. All entry cards and support information must be attached using a safety pin. No straight pins.

2. When judging Quilt Quest exhibits, the judges consider SF209 “Standards for Judging Quilts and Quilted Items.”

3. For all classes, 4-H members can choose fabrics for the quilt by selecting fabric from fabric bolts. 4-H members may also use “fabric collections” offered by manufacturers in a particular designer or fabric line. Examples of fabric collection include:

4. Jelly Rolls are made of (up to) 40 different strips of 2 ½ inches wide fabric laying on top of one another and rolled up to look like a jelly roll. The fabric is created by one designer or fabric line and compliments each other. In many cases, less skilled 4-H members find it difficult to cut narrow strips with a rotary cutter and ruler, so this fabric selection may make it easier as they learn.

5. Honey Buns are made like Jelly Rolls with 1.5 inch strips of fabrics.

6. Layer Cakes are 10-inch squares of fabric from a manufactured designer or fabric line with different pieces of fabric “layered” on top of one another to look like a piece of cake.

7. Charm Packs are made of 5-inch squares of coordinating fabric and may be tied up with a string or scrap of fabric.

8. Candies are 2.5-inch squares of fabric from a manufactured designer or fabric line.

9. Turnover is a collection of coordinating fabrics that are cut into 6 inch triangles.

10. Fat Quarters are ½ yard cuts of fabric which are cut in half to make a rectangle that is approximately 18 inches x 21 inches. (One half yard of fabric yields 2 fat quarters). The “fat quarter” can be more economical to purchase for a smaller quilt because the purchaser does not have to buy the entire yardage width.

11. Fabric Kit is a collection of fabrics cut in large pieces to accommodate the requirements of a particular quilt pattern. The 4-H member must cut out all of the smaller squares, rectangles, etc. to make the quilt top according to the pattern directions.

12. After fabric selection, youth can use a variety of tools for cutting the fabric and completing the quilt. Cutting into pattern pieces may include hand roller die cutting machines that cut various shapes which can be appliqued to fabric. This is allowed in the construction of the quilt.

13. A quilted exhibit is made up of at least three layers. Exhibits must be quilted or tied through all layers.

14. Fleece blankets are not eligible in this division.

15. Quilts must have a permanent label on the back in the bottom right corner with the quilter's name and date of completion.

Exploring Quilts

C229010 Exploring Quilts (SF208C) - Illustrate some aspect of quilts or quilt making. Examples include, but are not limited to: language arts, quilts of different cultures, chemistry, design, preservation, history, construction, math-conversion of quilt patterns, textiles/fabrics, computerization, entrepreneurship. History may include history of an old quilt or history/research of a particular style of quilt such as Baltimore album quilts or Amish quilts. Exhibit may be a 14 inch x 22 inch poster, a three-ring notebook that is 8.5 inches x 11 inches notebook, or the use of a digital platform. Multi-media presentations and exhibits are to be uploaded to a video streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing. All items in an exhibit must be attached together and labeled. NO quilted items should be entered in this class.

C229030 Computer Exploration (SF208C) - Exhibit may be a 14 inch x 22 inch poster or a three-ring notebook that is 8.5 inches x 11 inches, with a minimum of six computer generated quilt designs or color variations on a quilt design. Include information on type of program used, process used to generate designs, or how you used color to create different quilt designs.

Quilt Design Other Than Fabric

Rules

Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete the project. Please note this is in the Home Design & Restoration Information Sheet. Exhibits without supporting information will be lowered a ribbon placing.

C229020 Quilt Design Other Than Fabric (SF208B) - Two or three-dimensional item with quilt design made using medium other than fabric, such as wooden quilt block, stained glass, paper, etc.

Barn Quilts

Rules

Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete the project. Please note this is the Home Design & Restoration Information Sheet. Exhibits without supporting information will be lowered a ribbon placing.

C229021 Barn Quilt created that is less than 4 feet x 4 feet – (SF208B)

C229022 Barn Quilt created that is 4 feet x 4 feet or larger – (SF208B)

Quilted Exhibits

Rules

Please note the description of classes, which denote the degree of difficulty in construction and not the number of years in the project. A quilted exhibit consists of three or more layers. All quilted exhibits must be quilted (machine or hand) or tied. All quilt piecing and finishing must be the sole work of the 4-H member. Quilting, whether machine or hand quilted, may be done by another individual, except for the Premier Quilt class. No pre-quilted fabric may be used. Wall quilts must have a hanging sleeve on the back of the quilt or some method for hanging. All quilted exhibits must be clean and finished for intended purpose. On a half sheet of 8.5 inch x 11 inch paper, include an explanation answering the following questions:

A) How did you select the design and fabrics?
B) Did you use a kit, jelly roll, charm squares, etc?
C) Explain what you did and what was done by others.
D) What did you learn that could be used on your next project?

Classes 40 – 42

C229040 Wearable Art (SF208A) - Quilted clothing or clothing accessory which must have a recognizable amount of quilting and may include fabric manipulation. Quilting must be done by the 4-H member. On a half sheet of 8.5 inch x 11 inch paper, tell how you selected the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.

C229041 Inter-generational Quilt (SF208E) - A quilt made by 4-H member and family members or friends of different generations. On a half sheet of 8.5 inch x 11 inch paper, include an explanation answering the following questions: A) How was the quilt planned and who did what in the construction of the quilt? B) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you learn that you can use on your next project?

C229042 Service Project Quilt (SF208D) - A quilt constructed by a 4-H member or group to be donated to a worthy cause. On a half sheet of 8.5 inch x 11 inch paper, include an explanation answering the following questions: A) Why was the quilt constructed and who will receive the donated quilt? B) How did you select the design and fabrics used including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you do and what was done by others? D) What did you learn that you can use on your next project?

Classes 50 – 52 (SF208A)

Pieced quilts made up of squares and/or rectangles

C229050 - Small - length + width = less than 60 inches. This size includes miniature quilts, wall hangings, table runners, placemats (4), and pillows. All items must be quilted. Pillows must have a quilted top, not just pieced patchwork.

C229051 - Medium - length + width = 61 inches to 120 inches

C229052 - Large - length + width = over 120 inches

Classes 60 – 62 - (SF208A)

In addition to any of the methods in classes 50–52, quilts may have triangles, and/or may be embroidered.

C229060 - Small - length + width = less than 60 inches. This size includes miniature quilts, wall hangings, table runners, placemats (4), and pillows. All items must be quilted. Pillows must have a

quilted top, not just pieced patchwork.

C229061 - Medium - length + width = 61 inches to 120 inches

C229062 - Large - length + width = over 120 inches

Classes 70 – 72 (SF208A)

In addition to any of the methods in classes 50 – 62, quilts may have curved piecing, applique, Celtic style, stained glass style, paper piecing, art quilt style (An art quilt is an original exploration of a concept or idea rather than the handing down of a "pattern". It experiments with textile manipulation, color, texture and/or a diversity of mixed media. An Art Quilt often pushes quilt world boundaries), or other non-traditional styles.

C229070 - Small: length + width = less than 60 inches. This size includes miniature quilts, wall hangings, table runners, placemats (4), and pillows. All items must be quilted. Pillows must have a quilted top, not just pieced patchwork.

C229071 - Medium: length + width = 61 inches to 120 inches

C229072 - Large: length + width = over 120 inches

Premier Quilt

Rules

Entire quilt is the sole work of the 4-H member, including quilting (hand or machine). The youth may receive guidance but no one else may work on the quilt. Tied quilts are not eligible for this class.

C229080 - Hand quilted (SF208A)

C229081 - Sewing machine quilted (SF208A)

C229082 - Long arm quilted — non-computerized/hand guided (SF208A)

C229083 - Long arm quilted — computerized (SF208A)

DEPARTMENT D
Conservation, Wildlife, & Shooting Sports

Conservation, Wildlife, and Shooting Sports gives 4-H members an opportunity to share their knowledge and field experience about conservation, wildlife, and shooting sports. When creating an exhibit make sure to pay close attention to the rules while taking into account the different laws that surround those areas.

Rules

1. NO FIREARMS, ITEMS WITH A BLADE (broad heads, knives, saws, etc.) or related items of any other kind, may be exhibited. This applies to actual items, replicated items and item parts. Photos are a suitable substitution for actual items.

2. Show What You Did and Learned: All 4-H members must show evidence of their personal field experiences, study or observations that relate to their exhibit. This helps judges understand what the 4-H member did and learned in the process that led to the exhibit.

3. Proper Credit: Show proper credit by listing the sources of plans or other supporting information used in exhibits.

Example to attach to your exhibit

Name: Chris Clover
County: Clover County
Age: 10

Field Experience, Study, or Observations:

I attended a 4-H workshop where we put out a food plot, and then made turkey calls. We played a game about attracting turkeys. Sometimes we acted like a female to draw in a tom turkey. Sometimes we acted like a lost baby turkey to call in a whole flock. I was able to use my turkey call and play the game successfully. While I never turkey hunted in person, I went on-line to research more turkey calls. I hope to turkey hunt someday, and I want to use a box call to hunt fall turkeys.

Credits/Source:
Information was obtained from Nebraska Game & Parks website

4. Whose Exhibit?: The 4-H member's name, county, and age must be on the back or bottom of all displays.

5. Wildlife and Wildlife Laws: "Animal" or "wildlife" in the following classes includes wild fish, amphibians, reptiles, birds, or mammals. Domestic animal (i.e. domestic livestock or house pets) and insect exhibits are not appropriate for this area. 4-H members must comply with current state and federal laws. It is illegal to possess threatened, endangered, or protected wildlife, or the feathers, nests, or eggs of non-game birds. These items cannot be part of an exhibit. Game birds and game animals taken legally during an open season may be used.

6. Project Materials: Related project booklets include Exploring Your Environment Series, 4-H Shooting Sports, Amphibians, Bird Behavior (EC 59381), Fishing for Adventure Project Manuals, Wildlife Conservation (4-H 125), Geology, and Outdoor Adventure. Other resources include: Outdoor Skills: Learning Science in the Outdoors series (Science Signature Outcome Program) outdoornebraska.gov/afterschool/ and www.whep.org.

7. Exhibit Size Guidelines

a. Board and Poster Exhibits: Mount all board exhibits on ¼ inches plywood, Masonite, or similar panel no larger than 24 inches high by 24 inches wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 inches by 28 inches) but half size, 22 x 14 inches, is recommended.
b. All Other exhibits: Exhibits other than poster/display board should not exceed 48 inches x 48 inches and be able to be moved by two people. Large exhibits (larger than listed above) must be suited and prepared for outdoor exhibition at the Nebraska State Fair. If large exhibits are not suited for outdoor exhibition, youth have the option to create a poster or another suitable substitute for the exhibit, instead of exhibiting the project itself.

Wildlife and How They Live
Premiums: $3.00, $2.75, $2.50, $2.25

Rules

Classes 1-4 are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat, or related conservation. No domestic livestock, pets, or insects allowed. For more ideas, refer to project

booklets. Remember to look at General Rules for this area.

D340001 Mammal Display **(SF157A) Choose one mammal from the wild and share on your display about the mammal. Examples include life history, behavior, habitat or other interesting facts.**

D340002 Bird Display **(SF157A) Choose one bird from the wild and share on your display about the bird. Examples include life history, behavior, habitat or other interesting facts.**

D340003 Fish Display **(SF157A) Choose one fish from the wild and share on your display about the fish. Examples include life history, behavior, habitat or other interesting facts.**

D340004 Reptile or Amphibian Display **(SF157A) Choose one reptile or amphibian and share on your display about the reptile or amphibian. Examples include life history, behavior, habitat or other interesting facts.**

D340005 Wildlife Connections **(SF157A) Board or poster exhibit. The purpose of this display is to show interconnections and related aspects among animals, plants, and other habitat components. All displays should show two or more interactions (connections) that occur between/among animals or between animals and their habitat. Displays might show how animals interact with other animals, with people, or with their habitat. Examples: Food chain display. Use pictures, drawings, or other items to illustrate the source of food energy and where it goes - who eats whom or what. Use arrows to show the direction of the energy (food) flow; Show the role of predators, scavengers, insect eaters, or others in nature; Show how wildlife numbers (populations) change through the year; Show predation, competition, or other behavioral interactions of wildlife; Choose one kind of wildlife and make observations through a season or year, keep notes of interactions, then make a display of what you saw.**

D340006 Wildlife Tracks **(SF158A) Board or diorama-type box exhibit. Make a display of animal tracks using casting plaster. There are 3 options. For all options, include a brief description of your experiences in making the tracks so the judges better understand what you did and learned. Positive casts (impressions as they would be in nature) are preferred. - Option 1 should show plaster tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. (OR) - Option 2 should show two or more plaster tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal. (OR) - Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.**

D340007 Wildlife Knowledge Check **(SF157A) Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife conservation or shooting sports related knowledge. Plan size and shape to fit transportation and display; maximum size 24 inches x 24 inches.**

D340008 Wildlife Diorama **(SF160A) Exhibit must be no larger than 24 inches x 24 inches. The exhibit might show a grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat. Example: show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge-adapted species such as White-tailed deer, Northern Bobwhite, Mourning Doves, Cottontail Rabbits, fox, squirrels, Northern Cardinals, or Bluejays. Label the habitats displayed and show at least five kinds of wildlife in their proper habitats. Remember to include supporting information about the wildlife and habitat that is on display.**

D340009 Wildlife Essay **(SF161A) Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. For example, write about a particular species of wildlife that you have observed or about the values of wildlife. You might write**

about wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about ethics, proper behavior in the outdoors, hunting, or fishing. The essay is between 100 and 1000 words long and typed, double spaced on 8.5 inch x 11 inch paper. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them.

D340010 Wildlife Values Scrapbook **(SF162) Make a scrapbook about a value of wildlife. Value could include aesthetic, scientific, commercial, game, genetic, and/or ecological topics.**

D340011 Wildlife Arts (**SF163A) The purpose of this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, wood carvings, painted duck decoys, or songs or poems written by the 4-H member. Entries must be appropriate for fair display and no larger than 24 inches x 24 inches. For example, paintings or photographs should be displayed in notebook format or mounted on a sturdy display panel. All entries must include a title and brief explanation of the purpose or message (what is the exhibit meant to show).**

Wildlife Habitat
Premium: $3.00, $2.75, $2.50, $2.25

Rules See General Rules for More Information

D342001 Houses **(SF165A) Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. Make the house functional so that dimensions, hole size etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kinds of animal(s) for which the house is intended, 2) where and how the house should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences. Tips: check NebGuide on bird houses and shelves.**

D342002 Feeders/Waterers **(SF165A) Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay; no insect feeders. Include the following information: 1) the kinds of animal(s) for which the water/feeder is intended, 2) where are how the water/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences. Tips: check NebGuide on feeding birds.**

D342003 Wildlife Habitat Design Board or Poster Exhibit **(SF167A) Choose a backyard, acreage, or farm, and design a habitat plan to meet the food, water, shelter, and space needs of at least three kinds of animals you would like to attract. Draw an outline of the area and show what plants or other habitat will be provided. Indicate how the various parts of your plan provide the desired habitat needs. You might include an aerial photo of the area if you have one.**

Harvesting Equipment
Premiums: $3.00, $2.75, $2.50, $2.25

Rules See General Rules for More Information

D343001 Fish Harvesting Equipment (SF168A) Board exhibit. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: the purpose of each item, when or where each item is used and any personal experiences you've had with the item(s).

D343002 Build a Fishing Rod (SF169A) Rod building kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches in length. Exhibit must be mounted on a board. Include with the exhibit: Explanation of cost of materials/components, where materials/components were purchased, and how many number of hours required for construction.

Label all parts. Necessary components which must be included are grip, line guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labeling of parts, information, and neatness.

D343003 Casting Target (SF170A) - Make a casting target for exhibit and use. Target must be under 48" x 48". The bullseyes must be 2 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather resistant. Include the purpose and rules of using your casting target.

D343004 Wildlife Harvesting Equipment (SF168A) Board Exhibit. Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed: the purpose of each item, when or where it is used, and any personal experiences you've had with the item(s).

D343005 Inventing Wildlife/Fish Harvesting Equipment, Aid, or Accessory (SF168A) Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype, and any adjustments you made.

Taxidermy
Premiums: $3.00, $2.75, $2.50, $2.25

Rules See General Rules for More Information

D346001 Tanned Hides (SF172A) - Exhibit of a wild animal hide properly processed by the member. No requirement as to mounting but must meet the size requirement listed under General Rules. Must include the animal's name and the following: information about the 4-H member's personal field experiences, study, OR observations that relate to the exhibit.

D346002 Taxidermy (SF172A) - Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to mounting but must meet the size requirement listed under General Rules. Must include the animal's name and the following: information about the 4-H member's personal field experiences, study, OR observations that relate to the exhibit.

Outdoor Adventures
Premiums: $3.00, $2.75, $2.50, $2.25

Outdoor Adventures – Level 1
**Designates County Project Only – not eligible for State Fair Competition.*

Rules See General Rules for More Information

*D341901 - Poster- (SF281) Create a poster or display no larger than 22” X 28”. Topics may include one of the following but not limited to: trail map(s) you have hiked, hiking essentials, your hiking adventures, wildlife or plants observed while hiking (birds, animal prints, butterflies, etc.), plan a hike, explain “Leave No Trace” and how this was followed during hiking, collection of photos from your hikes.

*D341902 – Journal Binder-(SF281) Written report of actual, virtual or imagined trail(s) hiked with observations, OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping trip diary. Feathers/leaf/flower pressings must be securely attached if included. Photos or drawings of observations encouraged. Exhibits measure no larger than 16” X 16”.

*D341903 – Hiking Safety-(SF281) Must include explanation of use of item, why selected/purpose of item and how it meets hiking needs. May include, but are not limited to, one of the following: a compact hiking safety kit, homemade compass or homemade water purifier. Exhibits measure no larger than 18" X 24".

*D341904 – Hiking Adventure Game-(SF281) Create a game of trails of outdoor adventures. Must be educational on one or more aspects of hiking, must include clear instructions as to the purpose and what can be learned by playing the game. Exhibits measure no larger than 18" X 24".

*D341905 – Other Hiking Items-(SF281) Must include what inspired the creation of the item and its purpose. May include, but are not limited to one of the following: hiking backpack, nature art, nature poem or story, homemade hiking snack mix displayed in a re-sealable plastic bag. (include why ingredients were selected and nutritional value). Exhibits measure no larger than 18" X 24".

Outdoor Adventures – Level 2

Rules See General Rules for More Information

D341001 Poster (SF281) - Topics may include, but not limited to one or more of the following; how to pitch a tent, knot tying, cooking over a campfire, how to start a campfire, wildlife and plants identified while camping, how to set up emergency shelter, dealing with weather, collection of photos from camping trips, "Leave No Trace" and how that was followed while camping, plan a camping trip, camping essentials, environmental issues/protecting natural resources, park or trail clean up, sanitation/hygiene while outdoors or use of GPS.

D341002 Journal/Binder (SF281) - Written report of virtual or actual camping/hiking trips with observations OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping or hiking trip diary. Explain growth in project, leading the hikes, planning the camping trip, now being able to identify the wildlife and nature around you and how identified (sight/sound/shape/smell/color). Feathers/leaf/flower pressings must be securely attached, if included. Photos of drawing of observations encouraged. Exhibits measure no larger than 16 inches x 16 inches.

D341003 Camping/Hiking Safety (SF281) - Must include explanation of use of item and why selected/purpose, how it fits hiking/camping needs. May include, but are not limited to, one of the following: travel sized poisonous plants guide, camping first aid kit, weather/water safety or hand hygiene kit.

D341004 Digital Media (SF281) - Use digital media to show video/slideshow/presentation of setting up a tent (include why site is chosen) or protecting natural resources or environmental issues or computer video camping/hiking game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside a report cover or notebook.

D341005 Other Camping Items (SF281) - Must include what inspired the creation of the item, and its purpose. May include but are not limited to one of the following; nature art, nature haiku poem, spider web sketches or knot display.

Outdoor Adventures – Level 3

Rules See General Rules for More Information

D341006 Poster (SF281) - Topics may include but not limited to one of the following; Topographic map, backpacking trip plan, camp layout, plan an expedition (can be dreamed or lived), collection of photos from your expedition, trails hiked, cost comparison of rental vs purchase or using GPS/compass.

D341007 Journal/Binder (SF281) - Written report of actual, virtual or imagined

expeditions/camping/hiking, OR field journal (notes of actual experiences, sights, sounds, smells, etc.). Explain growth in project, challenges in leading a group, teaching others about wildlife and nature identification and “Leave No Trace.” Exhibits measure no larger than 16 inches x 16 inches.

D341008 Expedition Safety (SF281) - Must include an explanation of use of items, why selected/purpose of item, how it meets hiking/camping/expedition needs. May include but are not limited to; travel sized edible plants, creepy crawly guide, tent repair kit, travel first aid kit or weather/water safety.

D341009 Digital Media (SF281) - Use digital media to show video/slideshow/presentation of one of the following, but not limited to; building a non-tent shelter (include why needed), packing your backpack/equipment and getting it onto you, teaching others about environmental issues or a computer video backpacking expedition game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.

D341010 Other Expedition Items (SF281) - Must include what inspired the creation of the item, and the purpose of the item. May include, but are not limited to; nature art, nature cinquain poem, backpacking food recipes, hiking/expedition conditioning plan, charcoal etching, dehydrated meal or snack (at least 1 cup displayed in a re-sealable plastic bag with ingredients, instructions, and nutritional facts included). Exhibits measure no larger than 18 inches X 24 inches.

Shooting Sports
Premiums: $3.00, $2.75, $2.50, $2.25

Rules

4-H Shooting Sports requires 4-H members to be under the direct leadership of a certified 4-H Shooting Sports Leader in either shotgun, rifle (bb gun), archery, pistol, black powder/muzzleloader, and/or hunting skills. No firearms can be entered as an exhibit, nor live ammunition; however, information can be shared through pictures. Classes 004-009 can be entered by anyone in the conservation and wildlife area. Remember to look at General Rules for this area.

D347001 Shooting Aid or Accessory (SF253) - Any item which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design, or plans you adapted, what the item is and used for.

D347002 Storage Case (SF254) - Any item with the purpose to safely hold a firearm, bow, ammunition, and/or arrows. Examples: soft sided shotgun case, quivers, firearm safe, include your design, or plans you adapted. Explain how the storage case is used.

D347003 Practice Game or Activity (SF255) - Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials of 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

D347004 Science, Engineering, Technology Advancements of Shooting Sports, Conservation, or Wildlife Essay or Display (SF256) - Choose a specific area of shooting sports and share how it has advanced. Include a timeline and photos or illustrations. Keep your topic narrow and manageable. Essays are limited to 1000 words and should be on 8.5 inch x 11 inch paper.

D347005 Healthy Lifestyles Plan (SF257) - Include a shooter’s (hiker's, camper's, angler's) diet and exercise plan, and how the 4-H member will benefit or improve from following the plan. Ideally, the 4-H member would follow the plan and include some journal entries about adaptations or improvements made while following the plan.

D347006 Citizenship/Leadership Project (SF258) - Share a display on a citizenship project or leadership project the 4-H member took on individually or with a group to improve some aspect related to 4-H Shooting Sports, Conservation, or Wildlife. Examples could be range development, conservation planting to attract wildlife, a camp, or 4-H recruitment event. Include who benefitted from the project, what the 4-H member's role was, and any results.

D347007 Career Development/College Essay, Interview, or Display (SF252) - Research opportunities for careers related to this area or opportunities for college majors or college activities to help discover using project skills beyond a person's 4-H career. Essays are limited to 1,000 words and should be on 8.5 inch x 11 inch paper. Interviews need to include a picture of the interviewee in their work setting, questions asked, and a transcript of answers.

D347008 Community Vitality Display (SF251) - Explore the difference shooting sports, conservation, fishing, and hunting make in keeping Nebraska vibrant especially in rural areas. Present facts and research in an interesting way for the public to learn from.

D3347009 Ag Literacy-Value added Agriculture Interview or Research Project (SF250) - Explore how traditional ag producers are adding value to their production agriculture operations through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc. Present findings in an interesting way for the public to learn from.

D347010 Shooting Sports Educational Exhibit or Display (SF254A) – Create an educational exhibit or display relating to a topic about Shooting Sports. Displays involving firearms or bows may be exhibited as a photographic display on a poster or in a notebook. Handmade items must include information explaining how the item was made and its intended use. Photos are encouraged.

Archery Contest
Premiums: $6.00 for all placings

All entries must be pre-entered on the General Pre-Entry Form at the extension office. To participate in these competitions, a 4-H'er MUST have been enrolled in the Polk County 4-H during the current year and MUST have attended at least THREE meetings/practices in each discipline enrolled during the current year. Youth must wear current year 4-H shirt to shoot. More info and exact times can be found on the schedule. Safety is of highest priority. Any archer not exhibiting proper shooting safety will not shoot. The decision of tournament officials, safety officers, and line judges is final.

Rules

4-H Shooting Sports requires youth to be under the direct leadership of a certified 4-H Shooting Sports Leader in either shotgun, rifle (bb gun) archer, pistol, back powder/muzzleloader, and/or hunting skills. No firearms can be entered as an exhibit, nor live ammunition; however, information can be shared through pictures. Classes 004-009 can be entered by anyone in the conservation and wildlife area. Remember to look at General Rules for this area.

Competition Rules

1. Junior archers will shoot from a distance of 5 to 15 yards. Intermediate and Senior archers will shoot from 10 to 25 yards. Shooting station yardage will be marked.

2. Female and male archers will shoot together in the same shooting age bracket classes.

3. Equipment Code Groups: Group #1 – Traditional: Long bows and Recurve bows; no sights or markings of any kind on bow, no releases or stabilizers. Shoot with fingers, tabs, or gloves. Group #2 – Olympic Style: Long bows and Recurve bows; may use sights, releases and stabilizers, no string sights or peeps. Shoot with gingers, tabs, or gloves. Group #3 – Barebow: Compound bows; no sights or

markings of any kind on bow, no releases. Stabilizers are allowed. Shoot with fingers, tabs, or gloves. Group #4 – Unlimited: 14 Compound bows with accessories, may use sights, releases, or stabilizers.

4. Equipment requirements and restrictions: There will be an equipment inspection and check-in prior to competition

a. **No stabilizers allowed in Traditional**
b. **No sights, string peeps, string markings, tied string floss, or limb markings allowed in Traditional or Barebow**
c. **Maximum bow draw weight – 60#**
d. **Refer to State 4-H Archery Rules and Regulations for rule clarification**

Optional equipment that may be used include:

1. **Armguards**
2. **2 back up arrows, all being the same shaft material, tips (no hunting tips), length, and fletching material. Plastic or feather fletching, all the same size, can be used with different color mixes.**

Age Groups:

Junior: 8 – 11 years
Intermediate: 12 – 14 years
Senior: 15 – 18 years

D360901 – Archery

Other Natural Resources
Premiums: $3.00, $2.75, $2.50, $2.25

D361001 Design Your Own Exhibit in Natural Resources, Conservation, Geology, or Ecology (SF164) **- This class is for educational exhibits relating to natural resources, conservation, geology, or ecology ONLY! Entries must be appropriate for fair display and no larger than 24 inches x 24 inches. All entries must include a title and should be clear (a brief explanation or other method) about the intended purpose or message– what the exhibit is meant to show. Think about accuracy, creativity, educational value for viewers, and evidence of 4-H members' personal experiences and learning.**

Forestry
Premiums: $3.00, $2.75, $2.50, $2.25

This category provides 4-H members an opportunity to prepare displays that shows their expertise in many aspects of forestry. Involvement in this category will lead to expansion of seed, twig, wood, leaf, and tree knowledge for 4-H members. In addition, members would learn more about common Nebraskan trees. For more information about tree classification visit this website https://4hcurriculum.unl.edu/index.php/main/program_project/65

Department Rules

1. The official reference for all forestry projects is the Tree Identification Manual (4-H 332) https://marketplace.unl.edu/ne4h/4h332.html which was recently revised and is available for purchase from UNL Marketplace. Other helpful forestry references include Trees of Nebraska (EC 92-1774-X), Leafing Out (4-H431) and Plant a Tree (EC 17-11-80). https://marketplace.unl.edu/ne4h/leafing-out.html

2. Display "boards" must be made from wood or wood composite, e.g. plywood, fiberboard, or masonite, 1/4 inches to ½ inches thick and no larger than 24 inches x 24 inches. Display boards may be coated, e.g., painted or varnished, on both sides to prevent warping.

3. Display "posters" must be made from a material, e.g. foam board or poster board, that will stand upright without buckling and be no larger than 24 inches x 24 inches.

4. Display "books" must measure no more than 16 inches x 16 inches.

5. At least five of the 10 samples in Class 2, 3, 4, and 5 must be from the list of 60 species described in 4-H 332. Samples must be from 10 different tree species. For example, Emerald Queen Maple and Crimson King Maple are both varieties of the same species (Norway Maple), and thus have the same genus and species name, i.e. Acer platanoides. All samples must be from trees, NO shrubs. If more than 10 samples are included in the display, only the first 10 samples from the current year will be judged.

Due to the lifting of the quarantine restrictions in the state of Nebraska for all true ash species regarding the threat of Emerald Ash Borer, specimens such as Green Ash and White Ash will be accepted for all collections. Collections containing true ash species will NOT be disqualified from county or state judging.7. Remember that other general labeling standards apply. For example, scientific names are always italicized or underlined. Also, the first letter of a Genus name is always capitalized. The first letter of a species name is always lower case. When required, always indicate complete scientific names (Genus and species) and common names, (e.g. Norway Maple) even when "variety names" are included. For example, the scientific name of Emerald Queen Maple is Acer platanoides and the common name is Norway maple. "Emerald Queen" may be included as the variety name, but variety names are not required.

8. How well the 4-H member follows written directions is an important factor in judging.

D320001 Design Your Own Exhibit - **Prepare an educational exhibit about some aspect of trees, forests, or forestry that is of special interest to you. Possible topics include paper recycling, Grafting fruit or nut trees, proper pruning techniques, how wildlife are impacted by forests, history about a local arboretum, information about a historical tree in Nebraska, the history of planting windbreaks in Nebraska, etc. The display must be no larger than 24 inches (H) x 24 inches (W) x 24 inches (D). ORIGINAL Photographs, drawings, samples, charts, posters, etc. can be used, but include enough information to adequately explain the topic. Your display should be substantially different from other display classes. Be as creative as you like.**

D320002 Leaf Display - **The leaf display must include samples of "complete leaves" from at least 10 different tree species. At least 5 of the 10 samples must be from a tree on the 2026 Nebraska 4-H Tree List. The display must include at least two samples of simple leaves, compound leaves, and conifer leaves. Leaves should be pressed, dried, and mounted.**

- Collection: **Collect leaves any time after they have reached full size, usually beginning in early summer. Leaf samples should be in good condition and representative of the average leaves on the tree. Keep in mind that shaded leaves are often much larger than normal. Carefully remove leaves from the twig with the entire petiole or rachis intact. After collection, fresh leaf samples can be temporarily stored within the pages of an old magazine, but they should be properly pressed and dried for display. Be sure to record pertinent information during collection and when collecting leaves on private land, remember to get permission. All collection must be done by the 4-H member.**
- Mounting: **Leaves may be displayed in a notebook or on a display board. Any method may be used to mount leaves, e.g. wire, glue, tape, staples, but be sure all their features can be clearly identified.**

- Labeling: **The label for each sample must include: 1. common name 2. scientific name 3. leaf type (i.e. broadleaf, needle-like, etc.) 4. leaf arrangement (for broadleaf trees; i.e. alternate, opposite, whorled) 5. leaf composition (for broadleaf trees; i.e. simple, pinnately compound, palmately compound, etc.) 6. collector's name 7. collection date 8. collection location (be specific, state and county at a minimum) If a twig is included with a sample, indicate "twig included" on the label. For example, the twig may be included with an eastern red cedar sample because the leaves are very small and difficult to remove from the twig.**
- Supplemental information: **This may include general uses, common products, fall color, etc., may be included to enhance educational value. These are important factors in judging, and should not exceed three printed pages including citation of sources.**

D320003 Twig Display - **The twig display must include twig samples from at least 10 different tree species. At least 5 of the 10 species must be from the 2026 Nebraska 4-H Tree List. The display must include at least two samples of opposite and alternate leaf arrangements from broadleaf trees.**

- Collection: **Twig samples should be collected during the dormant season (approximately November – March) when the buds are mature, but before spring budbreak. Be sure to collect healthy twigs, not diseased or dead twigs. Twig samples must be at least 6 inches long and exhibit buds. The terminal end of the twig must be included. If present, leaves of deciduous trees should be removed. Leaves of evergreen trees should be retained but be sure the buds are visible. Side branches must be trimmed to less than 1 inch in length. All collection must be done by the 4-H member.**
- Mounting: **Twigs must be mounted on a display board. Any method, e.g. wire, glue, tape, staplesetc., may be used to mount twigs, but be sure all features can be clearly identified. The non-terminal end must be cut at a slant so the pith can be seen.**
- Labeling: **The label for each sample must include: 1. common name 2. scientific name 3. leaf arrangement (for broadleaf trees; i.e. alternate, opposite, whorled) 4. collector's name 5. collection date 6. collection location (be specific, state and county at a minimum)**
- Supplemental information: **This may include general uses, common products, fall color, tree characteristics, etc., may be included to enhance educational value.**

D320004 Seed Display **- The seed display must include seed samples from at least 10 different tree species. At least 5 of the 10 species must be from a tree on the 2026 Nebraska 4-H Tree List.**

- Collection: **Tree seeds should be collected at the time of year when they mature, which varies widely depending upon tree species. For example, silver maple seeds mature in May while Norway maple seeds mature in September or October. Seed samples should be free of insect or disease symptoms. All collection must be done by the 4-H member exhibitor. The focus of this display is seeds; however, species identification by seeds is often greatly aided by including the fruit, since some seeds are very difficult to separate from the fruit. Use the following guidelines when preparing the display.**
    - **If the fruit is displayed along with the seeds, clearly label each.**
    - **Seeds enclosed in a dry, papery fruit (such as maple, ash, and elm) should be left within the fruit to aid in identification**
    - **Seeds enclosed in large fleshy fruit(s) (such as apple, mulberry, pawpaw) should be removed from the fruit and displayed without the fruit. Small fleshy fruits that can be dried (such as hackberry) may be displayed, but some seed should also be removed from the fruit and displayed alongside the dried fruit.**
    - **Acorns (oaks) should be left intact to aid in identification.**

    - **Seeds easily removed from the fruit such as seeds within husk (walnuts, hickory, buckeye, etc.) a pod (honey locust, Kentucky coffee tree, etc.), or a capsule (poplar, sweetgum, etc.) should be removed from the fruit for display. The fruit may be displayed in addition to the seed.**
    - **Cones from conifers (pines, spruces, fir, etc.) may be displayed along with the conifer seeds.**
- Mounting: **Seeds may be displayed in a variety of ways, e.g. mounted on a display board, displayed in jars in a rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.**
- Labeling: **The label for each sample must include: 1. common name 2. scientific name 3. type of fruit, if known (e.g. samara, pod, nut, legume, etc.) 4. collector's name 5. collection date 6. collection location (be specific, state and county at a minimum)**
- Supplemental information: **This may include general uses, common products, fall color, etc. to enhance educational value. These are important factors in judging, and should not exceed three printed pages including citation of sources.**

D320005 Wood Display - **The wood display must include wood samples from at least 10 different tree species. At least 5 of the 10 species must be from a tree on the 2026 Nebraska 4-H Tree List.**

- Preparation: **Samples may be of any shape, for example sections from a board, wood cylinders turned on a lathe, horizontal or vertical cross-sections of a small log with bark attached, etc., All samples should be the same shape, for an example all wood cylinders or all sections of a board. Each sample can be no larger than four inches x four inches x four inches. Cut surfaces should be sanded to show the grain. Treating samples with a clear finish (no stain) is optional. When power tools are used for collecting, preparing, and mounting samples, assistance from an adult is a must and proper personal protection equipment needs to be utilized by both the adult and the 4-H member. Safety always comes first. All collection must be done by the 4-H member.**
- Mounting: **Samples may be displayed in a variety of ways, for example mounted on a display board, displayed in a box or rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.**
- Labeling: **The label for each sample must include: 1. common name 2. scientific name 3. wood type (softwood or hardwood) 4. collector's name 5. collection date 6. collection location (be specific, state and county at a minimum)**
- Supplemental information: **This may include general uses, common products, fall color, wood density, etc., to enhance educational value. These are important factors in judging, and should not exceed three printed pages including citation of sources.**

D320006 Cross Section Display **- a disc cut from a tree species listed on the 2026 Nebraska 4-H Tree List. The sample must be collected, by the 4-H member, within one year of the state fair judging day. When power tools are used for collecting and preparing the cross section, assistance from and adult is a must and proper personal protection equipment needs to be utilized by both the adult and the 4-H member. Safety always comes first. The disc must measure 6 to 12 inches in diameter and 1 to 3 inches thick. The bark should be firmly attached, which may be difficult if the tree was dead when the disc was cut. Sand at least one side of the disc so the grain can be easily seen. If the disc is treated with a clear finish, both sides must be treated to minimize warping. As the disc dries, some cracking or checking can be expected and is allowed.**

- Labeling: **The following parts must be clearly, accurately, and securely attached. Cross sections should be labeled with pins, paper tags, or some other form of identification: 1. Pith**

2. Heartwood 3. Sapwood 4. One growth ring (beginning and end) 5. Cambium 6. Bark.A separate label attached to the back of the disc must include: 7. Common name 8. Scientific name 9. Tree classification (softwood or hardwood) 10. Age (of the cross section) 11. Collector's name 12. Collection date 13. Collection location (be specific, state and county at a minimum)

D320007 Parts of a Tree - **This exhibit is recommended for 4-H members ages 8-11. Prepare a poster, no larger than 24 inches x 24 inches that clearly identifies the main external parts of any tree: 1. Trunk 2. Crown 3. Roots 4. Leaves 5. Flowers 6. Fruit 7. Buds 8. Bark Identifying other internal parts, e.g. phloem, xylem, cambium, annual ring, pith, etc.,is optional. Attach a separate label on the back of the poster that includes the 4-Hmember s name and age.**

D320008 Living Tree Display - **a living tree seedling grown by the 4-H member from seed in the display container. The seed must be from a species listed on the 2026 Nebraska 4-H Tree List. The seedling must be 60 days to 1 year old (on State Fair judging day). The display container must contain at least 8 inches of soil (potting mix or suitable natural soil)measured vertically, have a drainage hole(s), and a drain pan to catch drainage water. For this display, the 4-H member does not have to be the one to collect the seed, but they will need to plant the seed themselves.**

- Labeling: **A waterproof label must be attached to the pot or to a stake that is in the soil of the pot and include: 1. common name 2. scientific name 3. seed treatments (if any) 4. planting date 5. emergence date 6. collector's name**
- Supplemental information about the tree**: Examples include where the seed was collected, growth measurements, uses for that species, etc., These may be included in an attached notebook, poster, etc. Supplemental information will enhance the educational valueand be an important factor in judging. Supplemental information needs to be attached to either the pot or to a stake that is in the soil of the pot. DO NOT attach supplemental information to the living tree. Supplemental information should not exceed three printed pages and cite sources of information.**

D320009 Forest Product Display - **Prepare a visual display and/or collection tracing the origin of one non-lumber product that comes from trees and/or forests. The display must be no larger than 24 inches x 24 inches x 24 inches. Original photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 24 inches x 24 inches and may be either vertical or horizontal. The contestant must identify what species of tree the product is derived from and where the product is harvested, grown, or otherwise collected. The product listed must be partially or fully derived from trees; if partial the approximate percentage should be articulated in the display.**

- **The goal of this exhibit is for 4-H members to learn that many products come from trees and forests and to explore one of these products through in-depth study.**
- **Information about the tree or forest product: For example information about harvesting, processing, industry information, and environmental or other benefits may be included to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.**
- **Personal interviews with industry professionals are encouraged as a source of information.**

D320010 Forest Health Display **- Prepare a visual display outlining a specific forest health issue such as a tree disease, insect pest, animal- or human-caused damage, or an abiotic issue such as weather damage. The display must be no larger than 24 inches x 24 inches x 24 inches. Original photographs, drawings, samples, charts, posters, etc. can be used. Actual specimens are strongly encouraged but**

must be properly preserved, such as insects pinned or placed in vials of alcohol, leaves pressed and dried. Posters submitted may be no larger than 24 inches x 24 inches.

- Explain through the display what species of trees the health issue affects, diagnostic features of the issue (symptoms in trees, identifying features of the pest, etc.), and management options.
- Include common and scientific names of trees and pests.
- Supplemental information about the tree or forest health issue: for example origin, proliferation in Nebraska/United States, and physiological effects on the tree may be included to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.

D320011 Wildfire Prevention Poster **- Prepare a poster, no larger than 24 inches x 24 inches that promotes wildfire prevention strategies. Strategies articulated in the poster can include personal and/or land management actions such as forest management plans and implementation, placements of fire breaks or fuel breaks around building, wildfire preparedness items etc.**

- **Supplemental information about wildfire prevention should be attached to the poster: for example, frequency of wildfires in Nebraska/United States, financial costs of wildfires, environmental factors that contribute to wildfires, etc. To enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information**

Range Management
Premiums: $1.50, $1.25, $1.00, $.75

The purpose of this category is to help 4-H'ers identify and collect range plants. In addition, participants will learn the basics of range management, and Nebraska's range. Through the creation of range boards 4-H'ers will become more proficient in knowledge of Nebraska's range. For more resources and materials in this category refer to the resource section at the bottom of the page.

Department Rules

1. Each exhibit must be properly identified with Unit and Class.

2. All plant displays and display covers must be the result of the current year's work.

3. Plant identification and lists of appropriate plants in each category (grasses, forbs, shrubs, and grass-like plants) can be found in the Range Judging Handbook and Contest Guide (EC150, Revised July 20124), Common Grasses of Nebraska (EC170), and Common Forbs and Shrubs of Nebraska (EC118).

4. The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability and environmental protection.

5. For guidelines on specific projects, refer to appropriate project manuals. Premier 4-H Science Award is available in this area. Please see General Rules for more details.

Rules – Division

1. Books (Classes 1-6): For books, plants must be mounted on sheets that are no larger than 14 inches wide by 14 inches high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root, as well as stem and leaf tissue. Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness and conformation to project requirements. Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet: Scientific name (in italic or underlined),

with authority - Common name. - County of collection. - Collection date. - Collector's name. - Personal collection number, indicating order that plants were collected in your personal collection, - Other information, depending on class selected, i.e., value and importance, life span, growth season, origin, major types of range plants. This information should be typed or printed neatly.

2. **Displays (Class 7)**: The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28 inches by 28 inches on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side.

3. **Boards (Classes 8-9)**: Boards should be should no larger than 30 inches wide by 36 inches tall. Boards should be adequately labeled.

D330001 Value and Importance for Livestock Forage and Wildlife Habitat and Food Book (SF260) - A collection of 12 different plant mounts, with four classified as high value, four as medium value, and four as low value for livestock forage, wildlife habitat, or wildlife food. Value and importance classifications can be found in the Range Judging Handbook and Contest Guide, Appendix Table 1 (EC150, Revised July 2024) starting on page 42. Plants can consist of any combination of grasses, grass-like plants, forbs, or shrubs. Assemble plant mounts in order of high, medium, and low value and importance. Label each plant mount with its value and importance classifications for each of the three areas: Livestock Forage, Wildlife Habitat, Wildlife Food.

D330002 Life Span Book (SF260) - A collection of six perennial plant mounts and six annual plant mounts selected from grasses or forbs.

D330003 Growth Season Book (SF260) - A collection of six cool-season grass mounts and 6 warm-season grass mounts.

D330004 Origin Book (SF260) - A collection of plant mounts of six native range grasses and six introduced grasses. Introduced grasses are not from North America and often used to seed pastures.

D330005 Major Types of Range Plants Book (SF260) - A collection of plant mounts of three grasses, three forbs, three grass-like, and three shrubs.

D330006 Range Plant Collection Book (SF260) - A collection of 12 range plant mounts with something in common (i.e. poisonous to cattle, or historically used as food by Native Americans, or dye plants, or favorite antelope forage, etc.). Include a short paragraph at the front of the book which describes what the plants have in common and why you have chosen to collect them.

D330007 Parts of a Range Plant Poster (SF259) - Mount a range plant on a poster board. Label the key plant parts useful for ID & correct for that plant species such as root, branch, cotyledon, petiole, midrib, stem, node, leaf, leaflet, spikelet, collar, ligule, sheath, internode, culm, crown, flower, etc. Include the plant label in the lower right corner, including the scientific and common name of the plant. 4-H member name and 4-H county should be back of the poster

D330008 Special Study Board (SF260) - A display of the results of a clipping study, a degree of use study, range site study, etc. A short essay must accompany the display to explain the reason for the study, what was learned, and study results. This should be placed in a sheet cover attached to the board.

D330009 Junior Rancher Board (SF260) - This exhibit should include a ranch map with a record book or an appropriate educational display on some phase of rangeland or livestock management. A short essay must accompany the display to explain the purpose of the rancher board, what was learned, etc.

DEPARTMENT E

HEALTHY LIFESTYLES, FOOD & NUTRITION

The purpose of Food & Nutrition exhibits is to encourage the knowledge about healthy eating and safe cooking practices. This category has multiple projects that allow 4-H'ers to progress over numerous years. In addition, 4-H members will learn different types of cooking methods to improve their knowledge of cuisine. For more resources and materials in this category refer to the resource section at the bottom of the page.

Department Rules

1. Supporting Information: Each exhibit must include the recipe. Recipe may be handwritten, photocopied or typed. Place food on the appropriately sized disposable plate or container and put in self-sealing bag. Attach entry tag and recipe at the corner of the bag. For non-food entries, please attach the entry tag to the upper right-hand corner of the entry. Additional information including recipes and supplemental information should be identified with 4-H member's name and county.

2. Criteria for Judging: Exhibits will be judged according to score sheets available at your local Extension office or at https://go.unl.edu/ne4hfood-nutrition. Make sure to follow all entry instructions required for your exhibit. Incomplete exhibits will be lowered a ribbon placing. Commercially prepared mixes are ONLY allowed in Cooking 201 Creative Mix Class. Prepared baking mixes, biscuit mixes, commercially prepared seasoning mixes for food preservation and other pre-made mixes entered in other categories will be lowered a ribbon placing.

3. Food Projects: Exhibits should be entered using a disposable pan or plate and covered by a plastic, self-sealing bag. The State Fair is not responsible for non-disposable containers, lost bread boards, China, or glassware.

4. Ingredients: Any ingredient that the 4-H member uses must be able to be purchased by the 4-H'er. Ingredients such as beer, whiskey, rum, etc. may NOT be used in any recipe file or food exhibit. Exhibits that include alcohol will be disqualified.

5. Sourdough is categorized differently than standard yeast breads due to its unique leavening agent and fermentation process and may ONLY be entered in Cooking 201 Baking with Whole Grains, Cooking 401 Family Food Traditions, or Cooking 401 Ethnic Food Exhibit.

6. Food Safety: Exhibits are on display for several days. Please think FOOD SAFETY! Items that require refrigeration will not be accepted, judged, or displayed as exhibits must be safe to eat when entered, whether they are tasted or not. Glazes, frostings, and other sugar-based toppings are considered safe due to their high sugar content. Egg glazes on yeast breads and pie crusts BEFORE baking are acceptable. Eggs incorporated into baked goods and crusts are considered safe. The following food ingredients are considered unsafe for fair exhibits and will be disqualified:

- Egg or cream fillings and cream cheese frostings
- Any meat item including meat jerky, imitation meat bits (bacon bits, pepperoni, etc.)
- Melted cheese on top of food exhibit (cheese mixed into baked goods is considered safe and will be accepted)
- Uncooked fruit or vegetable toppings (i.e., fresh fruit tart)

7. Any bread item prepared or baked using a bread machine should be entered under the Cooking 201 Non-Traditional Baked Product. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.

General Foods & Nutrition

Premium: $3.00, $2.75, $2.50, $2.25

E350001 Food Science Exploration (SF152) - Show the connection between food and science as it relates to food preparation, food safety, food preservation, or food production. Exhibit may be a poster or foam core board (not to exceed 22 inches x 30 inches), computer-based presentation printed off with notes pages, if needed, and displayed in a binder, an exhibit display, a written report in a portfolio or notebook. Consider neatness and creativity. (Sourdough is an acceptable exploration in this class.)

E350002 Foods and Nutrition Poster, Scrapbook, or Photo Display (SF122) - The project should involve a nutrition or food preparation technique or explore a career related to the food industry (caterer, restaurant owner, food scientist, registered dietitian, etc.). This might contain pictures, captions and/or a report to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22 inches x 30 inches), a computer-based presentation printed off with notes pages (if needed) and displayed in a binder, an exhibit display, or a written report in a portfolio or notebook. Consider neatness and creativity.

E350003 Physical Activity and Health Poster, Scrapbook, or Photo Display (SF122) - The project should involve a physical activity or explore a career-related to physical activity or health (personal trainer, sports coach, physical therapist, etc.). This might contain pictures, captions and/or a report to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22 inches x 30 inches), a computer-based presentation printed off with notes pages, if needed, and displayed in a binder no larger than 8.5 inches x 11 inches, an exhibit display, or a written report in a portfolio. Consider neatness and creativity.

E35004 Cooking Basics Recipe File (SF251) - A collection of 10 recipes from any source. Each recipe must accompany a complete menu in which the recipe is used. An additional 10 recipes may be added each year the 4-H member is in the project, with year clearly marked on recipes. Display in a recipe file or in an appropriate size three-ring binder no larger than 8.5 inches x 11 inches. Be sure to include the number of servings or yield of each recipe. Exhibits that include recipes with alcohol (wine, beer, rum, etc.) will be disqualified.

Cooking 101
Premiums: $2.00, $1.75, $1.50, $1.25

**Designates County Project Only – not eligible for State Fair Competition.*

*E401901 Cookies (SF118)(any recipe, 4 on a paper plate).

*E401902 Muffins (SF124)(any recipe, 4 on a paper plate).

*E401903 No Bake Cookie (SF121)(any recipe, 4 on a paper plate).

*E401904 Cereal Cookie Bar **(SF120)** (any cereal-based recipe made in pan and cut into bars or squares for serving.)

*E401905 Granola Bar **(SF119)** (any recipe, 4 on a paper plate)

*E401906 Brownies **(SF120)**(any recipe, 4 on a paper plate)

*E401907 Snack Mix **(SF116)**(any recipe, at least 1 cup in self-sealing plastic bag)

*E401908 Extra Cooking 101 Item.

Cooking 201
Premiums: $2.50, $2.25, $2.00, $1.75

**Designates County Project Only – not eligible for State Fair Competition.*

E410001 Loaf Quick Bread (SF123) - any recipe, at least 3/4 of a standard loaf displayed on a paper plate. Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. A standard quick bread loaf measures approximately 8.5inches x 4.5 inches or 9 inches x 5 inches. If mini-loaf pans are used for exhibit, two loaves must be presented for judging.

E410002 Creative Mixes (SF142) - any recipe, at least 3/4 of baked product or four muffins or cookies on a paper plate or in a disposable pan. Baked item made from a mix (commercial or homemade mixes acceptable). Food product must have been modified to make a new or different baked item. Examples include poppy seed quick bread from a cake mix, cake mix cookies, pudding mix cookies, sweet rolls made from ready-made bread dough, monkey bread from biscuit dough, streusel coffee cake from a cake mix, etc. Supplemental Information required for this class: Write what you learned about making this product using a mix instead of a homemade recipe or recipe "from scratch." Does it make it better or easier to use a convenience product or mix? Why or why not?

E410003 Biscuits or Scones (SF136) - four biscuits or scones on a small paper plate. This may be any type of biscuit or scone: rolled or dropped. Any recipe may be used, but it must be a non-yeast product baked from scratch.

E410004 Healthy Baked Product (SF124) - any recipe, at least 3/4 of baked product or 4 muffins/cookies on a paper plate or in a disposable pan. Recipe must contain a fruit or vegetable as part of the ingredients (Ex. banana bars, cantaloupe quick bread, zucchini muffins, etc.).

E410005 Coffee Cake (SF129) - any recipe or shape, non-yeast product - at least 3/4 of baked product on a paper plate or in a disposable pan.

E410006 Baking with Whole Grains (SF134) - any recipe, at least 3/4 of baked product or four muffins/cookies on a paper plate or in a disposable pan. The recipe must contain whole grains as part of the ingredients. (Ex. whole wheat applesauce bread, sourdough, peanut butter oatmeal cookies, etc.)

E410007 Non-Traditional Baked Product (SF133) - exhibit must include a food product prepared using a non-traditional method (i.e., bread machine, cake baked in an air fryer, baked item made in microwave, etc.) Entry must be at least 3/4 baked product, or four muffins or cookies on a paper plate or in a disposable pan. In addition to the recipe, entry must include supporting information that discusses alternative preparation method and how it compares with the traditional method.

*E410901 Extra Cooking 201 Item

Cooking 301
Premiums: $2.50, $2.25, $2.00, $1.75

**Designates County Project Only – not eligible for State Fair Competition.*

Rules

Any bread item prepared or baked using a bread machine should be entered under the Cooking 201, Non-Traditional Baked Product. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.

E411001 White Bread (SF138) - any yeast recipe, at least 3/4 of a standard loaf displayed on a paper plate.

E411002 Whole Wheat or Mixed Grain Bread (SF138) -any yeast recipe, at least 3/4 of a standard loaf displayed on a paper plate.

E411003 Specialty Rolls (SF138) - any yeast recipe, four rolls on a paper plate. May be sweet rolls, English muffins, kolaches, bagels, or any other similar recipe that makes individual portions.

E411004 Dinner Rolls (SF138) - any yeast recipe, four rolls on a paper plate. May be cloverleaf,

crescent, knot, bun, bread sticks, or any other type of dinner roll.

E411005 Specialty Bread (SF141) - any yeast recipe, includes tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least 3/4 of a full-sized baked product.

E411006 Shortened Cake (SF137) - Must exhibit at least 3/4 of the cake (recipe must not be from a cake mix). Shortened cakes use fat for flavor and texture and recipes usually begin by beating fat with sugar by creaming and include leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (no cream cheese or egg whites frostings allowed).

*E411901 Extra Cooking 301 Item

Cooking 401

Premiums $2.50, $2.25, $2.00, $1.75

**Designates County Project Only – not eligible for State Fair Competition*

Rules

Any bread item prepared or baked using a bread machine should be entered under Cooking 201. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.

E412001 Double Crust Fruit Pie (SF144) - **made with homemade fruit filling. No egg pastries or cream fillings. No canned fillings or premade pie crusts. May be a double crust, crumb, cut-out or lattice topping. Using an 8 inch or 9-inch disposable pie pan is recommended.**

E412002 Family Food Traditions (SF145) - **any recipe, at least 3/4 of baked product or four muffins or cookies on a paper plate. May be baked in a disposable pan. Any baked item associated with family tradition and heritage. Entry must include (A) recipe, (B) tradition or heritage associated with preparing, serving the food, (C) where or who the traditional recipe originated. (Sourdough is acceptable in this class.)**

E412003 Ethnic Food Exhibit (SF146) - **any recipe, at least 3/4 of baked product or four muffins or cookies on a paper plate or in a disposable pan. The name of the country, culture or region should be included as part of the supporting information with the recipe, as well as background information about the country or culture the food item is representing. Sourdough is acceptable in this class.)**

E412004 Candy (SF147) - **any recipe, four pieces of candy on a paper plate or 1/2 cup. No items containing cream cheese will be accepted (Example: cream cheese mints). Candy may be cooked or no cook; dipped, molded, made in the microwave or other methods of candy preparation. Recipe must be included.**

E412005 Foam Cake (SF138) - **original recipe (no mixes) of at least 3/4 of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg whites allowed in frostings..**

E412006 Specialty Pastry (SF143) - **any recipe, at least 3/4 of baked product or four muffins or cookies on a paper plate or in a disposable pan. Baked items such as pie tarts, puff pastry, phyllo doughs, biscotti, choux, croissants, Danish, strudels. Phyllo dough may be pre-made or from scratch. Pastries made with cream or egg-based fillings will be disqualified.**

*E412901 Extra Cooking 401 Item

Food Preservation

Premiums: $2.50, $2.00, $1.50, $1.00

Rules

1. Processing Methods: Current USDA processing methods and altitude adjustments must be followed for all food preservation. Jam, preserves and marmalades, fruit, tomatoes, and pickled products must be processed in a boiling water bath. Tomatoes may be processed in a pressure canner. All non-acid vegetables and meats must be processed in a pressure canner. Improperly canned or potentially hazardous food items will be disqualified. Spoiled or unsealed containers disqualifies entry.

2. Jars and Lids: Do not need to be the same brand. Half pint jars may be used for jellies and preserves. The jars are not to be decorated by the exhibitor in any way. Canning jars must be used - others will be disqualified. No one-fourth pint jars allowed. Leave jar rings on for fair display, it helps protect the seal. Two-piece lids consisting of a flat metal disk and a ring should be used. No zinc lids or one-piece lids.

3. Current Project: Exhibits must have been preserved since the 4-H member's previous year's county fair, and not been exhibited at the previous State Fair.

4. Criteria for Judging: Exhibits will be judged according to score sheets available at your local Extension office or the State Fairbook at https://4hfairbook.unl.edu/fairbookview.php/rules. Incomplete exhibits will be lowered a ribbon class. Canned food items not processed according to altitude in the county will be lowered one class ribbon. Check with your local extension office or this site https://food.unl.edu/canning#elevation for your county's altitude and how that affects food processing times and pounds of pressure.

5. Labeling: Jars should be labeled with the name of the food item, name of the 4-H member, county, and date of processing on the bottom of each jar, print labels from https://go.unl.edu/canninglabel Exhibits containing multiple jars such as a "3 jar exhibit" should be placed in a container to keep jars together. Each bag containing dried foods should also be labeled with the name of the food item, the name of the 4-H member-, county and drying date. Multiple dried food exhibits should be secured by a rubber band or "twisty" to keep exhibit containing the three self-sealing bags together.

6. Recipe/Supporting Information: Recipe must be included, and may be handwritten, photocopied or typed. Commercially prepared seasoning mixes are not allowed. Current USDA guidelines for food preservation methods MUST be followed. Suggested sources of recipes include:

- 4-H Food Preservation Manuals (Freezing, Drying, Boiling Water Bath Canning, Pressure Canning)
- USDA Guide to Home Canning https://nchfp.uga.edu/ · Nebraska Extension's Food Website https://food.unl.edu/food-preservation or Extension publications from other states
- Ball Blue Book (published after 2009)

7. All exhibits must include the 4-H Food Preservation Card attached to the project as the required supporting information https://go.unl.edu/fillablepreservationcard or include following information with exhibit:

1. Name of product
2. Date preserved
3. Method of preservation (pressure canner, water bath canner or dried)
4. Type of pack (raw pack or hot pack)
5. Altitude (and altitude adjustment, if needed)
6. Processing time
7. Number of pounds of pressure (if pressure canner used)
8. Drying method and drying time (for dried food exhibits)
9. Recipe and source of recipe (if a publication, include name and date)

UNIT 1 FREEZING

E406001 Baked Item made with Frozen Produce (SF155) - any recipe, at least 3/4 of baked product or four muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a food item preserved by the freezing method done by the 4-H'er. Examples includepeach pie, blueberry muffins, zucchini bread, etc. Supporting information must include both the recipe for the produce that was frozen as part of this project AND the baked food item.

UNIT 2 DRYING

E407001 Dried Fruits (SF154) - exhibit three different examples of three different dried fruits. Place each dried fruit food (6-10 pieces of fruit, minimum 1/4 cup) in separate self-sealing bags. Use a rubber band or "twisty" to keep the bags together.

E407002 Fruit Leather (SF154) - exhibit three different examples of three different fruit leathers. Place a three- four inch sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep the bags together.

E407003 Vegetable Leather (SF154) - exhibit three different examples of three different vegetable or vegetable/fruit leather combo. Place a three - four inch sample of each leather together in separate self-sealing bags. Use a rubber band or "twisty" to keep the bags together.

E407004 Dried Vegetables (SF149) - exhibit three different samples of three different dried vegetables. Place each food (1/4 cup of each vegetable) in a separate self-sealing bag. Use a rubber band or "twisty" to keep the bags together.

E407005 Dried Herbs (SF149) - exhibit three different samples of three different dried herbs. Place each food (1/4 cup of each herb) in a separate self-sealing bag. Use a rubber band or "twisty" to keep the bags together.

E407006 Baked Item made with Dried Produce/Herbs (SF156) - any recipe, at least 3/4 of baked product or four muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a dried produce/herb item made by the 4-H member. Ex. Granola bar made with dried fruits, dried cranberry cookies, Italian herb bread, lemon thyme cookies. Supporting information must include both the recipe for the dried produce/herb AND the baked food item.

UNIT 3 BOILING WATER CANNING

E408001 1 Jar Fruit Exhibit (SF150) - exhibit one jar of a canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations.

E408002 3 Jar Fruit Exhibit (SF150) - exhibit three jars of different canned fruits. May be three different techniques for same type of product. Examples include,. Applesauce, canned apples, apple pie filling, etc. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408003 1 Jar Tomato Exhibit (SF150) - exhibit one jar of a canned tomato product. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408004 3 Jar Tomato Exhibit (SF150) - exhibit three jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a boiling water bath according to current USDA recommendations.

E408005 1 Jar Pickled Exhibit (SF150) - one jar of a pickled and/or fermented product. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408006 3 Jar Pickled Exhibit (SF150) - exhibit three jars of different kinds of canned pickled and/or fermented products. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408007 1 Jar Jelled Exhibit (SF153) - exhibit one jar of a jam, jelly, fruit butter or marmalade. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408008 3 Jar Jelled Exhibit (SF153) - exhibit three different kinds of jelled products. Entry may be made up of either pints or half pints. Entry must be processed in a boiling water bath according to current USDA recommendations.

UNIT 4 PRESSURE CANNING

E414001 1 Jar Vegetable or Meat Exhibit (SF150) - exhibit one jar of a canned vegetable or meat. Include only vegetables or meats canned in a pressure canner according to current USDA recommendations.

E414002 3 Jar Vegetable Exhibit (SF150) - exhibit three jars of different kinds of canned vegetables. Include only vegetables canned in a pressure canner according to current USDA recommendations.

E414003 3 Jar Meat Exhibit (SF150) - exhibit three jars of different kinds of canned meats. Include only meats canned in a pressure canner according to current USDA recommendations.

E414004 Quick Dinner (SF151) - exhibit a minimum of three jars to a maximum of five jars plus menu. Meal should include three canned foods that can be prepared within an hour. List complete menu on a three inch x five inch file card and attach to one of the jars. Entry must be processed according to current USDA recommendations.

E414005 1 Jar Tomato Exhibit (SF150) - exhibit one jar of a canned tomato product. Entry must be processed in a pressure canner according to current USDA recommendations.

E414006 3 Jar Tomato Exhibit (SF150) - exhibit three jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a pressure canner according to current USDA recommendations.

MISCELLANEOUS
Premiums: $2.50, $2.25, $2.00, $1.75

** Designates County Project Only – not eligible for State Fair Competition.*

*E415901 Food Flop - Any one food project that failed. Must be accompanied by a written or typed summary explaining what you planned, what you did while preparing the item, the result, why you think the flop occurred and how you would keep it from happening again. Include a sample of the flopped food item.

*E415902 You Put What In What? (Surprise ingredient food product) A baked product that will maintain its appearance throughout fair. Include easy to read recipe prominently displayed. Recipe must contain a unique or unexpected ingredient and must not be a mix. (Example: sauerkraut cake, mashed potato cake, pork and bean bread, castor oil cookies.) Product should be displayed, along with the recipe, in a unique and attractive manner. Entries will be tasted and judged. Limit one entry per member.

*E415914 Gifts In A Jar Entry must include recipe attached with what is in jar and what the recipient of the "gift" must do to bake or cook the product.

CREATE, BAKE, DECORATE!
Premiums: $2.50, $2.25, $2.00, $1.75

** Designates County Project Only – not eligible for State Fair Competition.*

Any 4-H'ers enrolled in a foods project may exhibit in this area. Cakes may be flat, cut up, or layer types. Decorated cakes and decorated gingerbread houses are considered as two different types of entries. Therefore, if a 4-H'er is exhibiting a gingerbread house for the first time, it is entered in the beginning division (one year of gingerbread house decorating experience) regardless of any previous cake decorating experience.

Supporting information should include years enrolled in the Cake Decorating project, size of tips used on decorated item, why the design was chosen and how this cake or decorated item could be used for a special event or occasion. Recipes for cake or frosting are not required. This item is not tasted - judging is based on skill in decorating the item. For more information on how to decorate cakes and other items, contact the Polk County Extension Office for the "Create, Bake, Decorate!" manual. All classes will use the Create, Bake & Decorate Scoresheet.

BEGINNING DIVISION: For 4-H members entering a decorated item for the 1st or 2nd year.

*E415903 Graham Cracker Gingerbread House (first year) to be made and exhibited prior to exhibiting Decorated Gingerbread House.

*E415904 Decorated Gingerbread House must be made of gingerbread with edible items and parts on base no wider than 12".

*E415905 Decorated Cake (without the use of tips. Show creativity using cookies, candies, chocolate chips, small toy items, etc. to decorate cake for specific party or theme).

*E415906 Decorated Cookie, Cupcake, Box, Block, ect. Show cake decorating skills as outlined in CLASS 46. Item should be frosted, as in the tops of a cupcake, or the outside covering of the box or block.

*E415907 Set of Four Decorated Borders Use the same tip on all four borders. Use no larger than a 6" by 8" covered cardboard and allow 1" space around outside for handling.

*E415908 Decorated Cake (decorated with two different style decorating tips, any size. Allow cake board to extend at least an inch around the base of the decorated cake, no wider than 12".

ADVANCED DIVISION: For 4-H members entering decorated items for 3 or more years.

*E415909 Decorated Gingerbread House - must be made of gingerbread with edible items and parts on base no wider than 12".

*E415910 Decorated Cake - (without the use of tips. Show creativity using cookies, candies, chocolate chips, small toy items, etc. to decorate cake for specific party or theme).

*E415911 Decorated Cookie, Cupcake, Box, Block, ect. - Show cake decorating skills as outlined in CLASS 52. Item should be frosted, as in the tops of a cupcake, or the outside covering of the box or block.

*E415912 Set of Four Decorated Borders - Use the same tip on all four borders. Use no larger than a 6" by 8" covered cardboard and allow 1" space around outside for handling.

*E415913 Decorated Cake - (decorated with at least three different style decorating tips, any size. Allow cake board to extend at least an inch around the base of the decorated cake, no wider than 12".

Disaster Response, Preparedness and Safety
Premiums: $2.50, $2.25, $2.00, $1.75

Disaster response and preparedness is vital for all Nebraskans. In this category 4-H members have the opportunity to share what they learned about a disaster, how they responded and will have a place to share their successes in disaster recovery. They can also create exhibits about all-terrain vehicles, fire, and tractor safety. In addition, participants can also create informational exhibits about basic safety strategies. Through involvement in this category, 4-H members will be better educated about disaster response and recovery and personal safety and have the knowledge base to educate others about safety. For more resources and materials in this category refer to the resource section at the bottom of the page.

Rules

1. Posters must be no larger than 22 inch x 28 inch.
2. Scrapbooks are to be exhibited three-ring binder.
3. Multi-media presentations are to be uploaded to a video streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing.

Fire Safety
Premiums: $2.50, $2.25, $2.00, $1.75

E440001 General Purpose First Aid Kit (SF110) - A first aid kit is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for use in a home. A description of where the kit will be stored and examples of specific emergencies the kit is designed for should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Consider items needed to cover the following areas of first aid: airway and breathing, bleeding control, burn treatment, infectious disease protection, fracture care and miscellaneous supplies. Use Citizen Safety manual, 4-H 425, pages 6 & 7 for guidance. No purchased first aid kits allowed.

Kits containing any of the following will be automatically disqualified:

1. Prescription medications. (If the kit's purpose is to provide medication for someone with special needs, explain in the written description and inventory, but remove the medication.)

2. Materials with expiration dates on or before the judging date. (This includes sterile items, non-prescription medications, ointments, salves, etc. Articles dated month and year only are considered expired on the last day of that month.)

3. Any controlled substance.

E440002 Specific Purpose First Aid Kit (SF192) A first aid kit is a good way to organize supplies in an emergency in a variety situations and locations. The kit should be assembled in a container appropriate for the kit's intended purpose. Examples could include a kit for a vehicle, recreational vehicle, boat, livestock building, camping etc. A description of where the kit will be stored and examples of specific emergencies expected for that location should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Items included should be relevant to the kit's intended purpose. Consider items needed to cover the following areas of first aid: airway and breathing, bleeding control, burn treatment, infectious disease protection **fracture care and miscellaneous supplies. Use Citizen Safety manual, 4-H 425, pages 6 and 7 for guidance. No purchased first aid kits allowed.**

Kits containing any of the following will be automatically disqualified:

1. Prescription medications. (If the kit's purpose is to provide medication for someone with special needs, explain in the written description and inventory, but remove the medication.)

2. Materials with expiration dates on or before the judging date. (This includes sterile items, non-prescription medications, ointments, salves, etc. Articles dated month and year only are considered expired on the last day of that month.)
3. Any controlled substance.

E440005 Safety Experiences Poster or Scrapbook (SF 190) Share a learning experience the youth had related to safety or incident types. Examples could be participating in a first aid or first responder training, a farm safety day camp, babysitting workshop or similar event; scientific experiment related to safety; or the youth's response to an emergency situation. Include a detailed description of the experience, the 4-H member's role, some evidence of the member's leadership in the situation and a summary of the learning that took place. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation lasting up to five minutes.

E440006 - Careers in Safety (SF191) The exhibit should identify a specific career area in the safety field and include education and certification requirements for available positions, salary information, demand for the field and a summary of the 4-H member's interest in the field. Examples of careers include firefighters, paramedics, emergency management personnel, some military assignments, law enforcement officers, emergency room medical personnel, fire investigator and more. It is recommended 4-H members interview a professional in the field in their research. Additional research sources might include books, articles, career web sites, job-related government web sites or interviews with career placement or guidance counselors. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation lasting up to five minutes.

Disaster Recovery and Response
Premiums: $2.50, $2.25, $2.00, $1.75

All exhibits in this division are focused on preparing for or responding to a weather-related or man-made disaster.

E440003 Disaster Kit (Emergency Preparedness) (SF111) Disaster kits must contain the materials to prepare a person or family for emergency conditions caused by a natural or man-made incident. Selection of materials is left to the exhibitor. Family or group kits must have enough material or items for each person. A description of the kit's purpose, the number of people supported, and a list of contents is required. 4-H members are encouraged to test their kit by challenging their family to try to survive using only the included materials for the designated time. If tested, share that experience in kit documentation. Please include an explanation of drinking water needs for your disaster kit. Do not bring actual water to the fair in the kit.

E440007 Disaster Preparedness Learning Experience (SF TBA) – Create a poster, scrapbook or multi-media presentation promoting a preparedness training or a recovery message or response to a weather-related or man-made disaster. Examples of training could include a first aid or first responder training, a farm safety day camp, babysitting workshop or similar events; scientific experiment related to safety related to a weather-related disaster; or the youth's response to an emergency situation in that disaster event. Documentation should include evidence of your family's or community's preparedness, response or recovery for the disaster topic or training experience.

E440008 Care Package Display (SF 182) – This exhibit is a display about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster or multi-media program to tell about the PROCESS of developing and giving a care package to a recipient who has experienced a weather or man-made disaster. Multi-media presentations are to be uploaded to a video streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing. Answer the following questions in your exhibit. How did you select the organization? What items did you include in your care package? Why did you select those items? How did it feel to present your care pack to the recipient? What did you learn from this experience? Other information that you feel is important about the care package or recipient. Examples of care packages are, replacement of toys lost in a disaster for the children, personal hygiene kits for individuals displaced after a disaster, soup in a jar, etc.

E440009 Telling A Story Display (SF TBA) – Exhibit will include three photos to tell a story. Photos should capture the beginning, middle, and end of a single story, project, or event showcasing a weather-related event, or man-made disaster. Display will consist of three 4 inch x 6 inch photos mounted on a single horizontal 11 inch x 14 inch black or white poster or mat board. Include a caption of a few sentences to explain the story the photos are telling.

Fire Safety
Premiums: $2.50, $2.25, $2.00, $1.75

E450001 Fire Safety Poster (SF269) This is a home floor plan drawn to scale showing primary and secondary escape routes and where fire extinguishers and smoke detectors are located. Draw every room, including all doors and windows. Use black or blue arrows showing primary escape routes from each room. Use red arrows showing secondary routes to use if the primary routes are blocked. Primary and secondary escape routes must lead outside to an assembly location. Documentation should include evidence the escape plan has been practiced at least four times.

E450002 Fire Prevention Poster or Scrapbook (SF268) Poster or scrapbook promoting a fire prevention message and be appropriate to display during National Fire Prevention Week or to promote fire safety at specific times of the year (Halloween, 4th of July, etc.). Originality, clarity and artistic impression will all be judged. Do not include live fireworks, matches or other flammable/explosive/hazardous materials. Any entry containing this material will be disqualified.

DEPARTMENT F
ENTREPRENEURSHIP

ESI: EntrepreneurShip Investigation
The EntrepreneuShip Investigation curriculum can be purchased at shop4-H.org.
Premiums: $1.50, $1.25, $1.00, $0.75

Entrepreneurship exhibits help 4-H members develop an entrepreneurial mindset. An entrepreneurial mindset is needed to tackle social issues as well as explore new business opportunities.

RULES

Exhibit Guidelines: The 4-H member's name, age, town and county must be listed on the back of the exhibit. If the exhibit is a poster, it must be 14 inches x 22 inches and may be arranged either horizontally or vertically. Poster may not use copyrighted materials, such as cartoon characters or commercial product names. Exhibits which do not conform to size or content guidelines will be lowered one ribbon placing. Posters may include photographs, charts, or examples as well as a written explanation.

F531001 Interview an Entrepreneur (SF181) Share what you learned from the person about having an entrepreneurial mindset. How have they applied that mindset? Have they started a business? Are they tackling a social issue? How do they deliver excellent customer service? How will what you have learned through this interview change your future plans or ways of thinking about entrepreneurship? The summary of the interview should be typed and with a maximum length of two pages (12 pt. font). Enter exhibit in a folder with fasteners (no slide bars).

F531002 Social Entrepreneurship Presentation (SF181) Prepare a five-slide power point presentation about a social entrepreneurship venture to benefit a group or individual in your community. Social entrepreneurs are people who are in business to help others. Submit a printout of the note pages which show each slide and include an explanation of each slide. Enter exhibit in a folder with fasteners (no slide bars).

F531003 Marketing Package (2) - (mounted on a 14 inches x 22 inches poster) must include at least three items (examples) developed by the 4-H'er from the following list: business card, brochure, advertisement, business promotional piece, printout of an internet home page, packaging design, signs, logo design, direct mail piece, etc. The marketing package should be for an original business developed by the 4-H'er and not an existing business.

F531004 Sample of an Original Product (SF181) with an information sheet (8 ½ inches x 11 inches) answering the following questions:

- What did you enjoy the most about making the product?
- What challenges did you have when making the product?
- Would you do anything different next time? If so, what?
- What is the suggested retail price of the product? How did you decide on the price?
- Market analysis of the community – data gathered through a survey of potential customers.
- Survey at least 10 people in your community about your product.
- How much would you earn per hour? Show how you determined this figure.
- What is unique about this product?

F531005 Photos of an Original Product (SF181) (mounted on a 14 inches by 22 inches poster) must include three photos of developed product and a mounted information sheet answering the following questions. If exhibiting in both Class F531004 and Class F531005, products must be entirely different products.
Information Sheet:

- What did you enjoy the most about making the product?
- What challenges did you have when making the product?
- Would you do anything differently the next time? If so, what?
- What is the suggested retail price of the product?
- How did you decide on the price?
- Market analysis of the community – data gathered through a survey of potential customers.
- Survey at least 10 people in your community about your product.
- How much would you earn per hour? Show how you determined this figure.
- What is unique about this product?

F531006 Entrepreneurship Challenge (SF181) Take on the entrepreneurship challenge. Entrepreneurship Challenge is open to 4-H members enrolled in any of the three units of ESI. Complete five (5) or more of the challenges from the following list. The exhibit will include highlights from these

five (5) challenges. Consider labeling each challenge so the viewer will understand what the challenge was. Enter a poster, video (or other digital presentation), report, or scrapbook related to the learning from the challenge. Use your creativity to show and share what you learned. – Multi-media presentations and exhibits are to be uploaded to a video streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing.
Select five (5) challenges from the list below:

- Sell something.
- Talk to local leaders about entrepreneurial thinking and how it is being applied or could be applied to a current community issue.
- Introduce yourself to a local entrepreneur and take a selfie with them.
- Be a detective! Look for Nebraska-made products and find out more about the business.
- Tour 2-3 entrepreneurial businesses and create a photo story. Investigate what it takes to be an entrepreneur and complete a skills assessment.
- Make a prototype (sample/model) of a new product idea. Include the prototype or a photo of the prototype.
- Work with a friend to develop a new business idea!
- Contact your local Extension office to learn about entrepreneurship opportunities.
- Create an activity to teach others about entrepreneurship (color page, puzzle, game, etc.).

JUDGING CONTESTS

LIVESTOCK JUDGING CONTEST
Premiums: $4.00, $3.50, $3.00, $2.50

** Designates County Project Only – not eligible for State Fair Competition.*

All 4-H members are eligible to compete in the judging contest which will be during the Polk County Fair. There will be three divisions, junior division for all members 10 and under, intermediate division for all members 11-1, and senior division for all members 14 and older by December 31st.

*F500930 Senior Division(14 and older, 4-H age)

*F500931 Intermediate Division(11-13, 4-H age)

*F500932 Junior Division(10 and under, 4-H age)

HORTICULTURE JUDGING CONTEST
Premiums: $4.00, $3.50, $3.00, $2.50

** Designates County Project Only – not eligible for State Fair Competition.*

Age divisions will be determined by their 4-H age, the age of the youth before January 1 of the current year.

All 4-H members are eligible to compete in the judging contest. The Horticulture Judging Contest will be held on the date published in the 4-H fair event schedule. Event to be held each year at the Exhibit Building at the Polk County Fairgrounds. Contact the Extension Office for more information.

*F500922 Senior Division **(14 and older, 4-H age)**

*F500921 Intermediate Division **(11-13, 4-H age)**

*F500920 Junior Division **(10 and under, 4-H age)**

DEPARTMENT G
PLANTS & ANIMALS

All livestock must be pre-entered for stall assignments. All livestock exhibitors must clean out their stalls/pens and move the bedding to the dump area. **Carefully read *all* the rules beginning on this page.**

GENERAL LIVESTOCK INFORMATION FOR ALL 4-H and FFA MEMBERS

PLEASE READ CAREFULLY

ELIGIBILITY

4-H MEMBERS MUST MEET THE CURRENT AGE REQUIREMENTS. A 4-H'er and/or FFA member becomes ineligible if he/she is 19 years old before January 1st of the current calendar year according to state rules. Voc. Ag & FFA exhibitors must be currently enrolled in the 4-H program. All livestock entries must be work performed as part of the current year's 4-H or FFA program.

ELIGIBILITY OF ANIMALS

Qualified animals for a 4-H or FFA class at the fair must be registered purebred or non-registered commercial breeding animals, market beef, feeder calves, market lambs, breeding sheep, market goats, breeding goats market swine, breeding swine and those exotic breeds of breeding beef where the respective associations issue certified papers. A breeding animal to be eligible for show in a registered (purebred) class must be owned by the exhibitor by June 15 of the current year and be registered by the official breed association. The registration paper or certificate must indicate one of the following (1) the name of the exhibitor (2) the name of the exhibitor and/or a co-owner who is an immediate member of the exhibitor's family (members of a household, including parents, brothers and sisters, and youth in care of the head of the household) or (3) the family or ranch name or parent's name. Copies of the registration paper or certificate must be submitted to superintendent with entries. REGISTRATION MUST BE COMPLETED BY FAIR DATE.

DRESS CODE

4-H and FFA exhibitors showing beef, dairy, meat goats, dogs, cats, sheep, swine, poultry and rabbits are required to wear official Polk County 4-H T-Shirt. Dark jeans (dark blue jeans preferred) are required for beef, dog, cat, sheep, swine, poultry and rabbits exhibitors (NO SHORTS). No hats, caps or other types of headgear are worn in the show ring. Closed toed shoes required for all species, no tennis shoes allowed in larger animal shows. Horse Dress Code must follow current state Horse Rule Book.

YOUTH QUALITY CARE OF ANIMALS (YQCA) TRAINING

All exhibitors in beef, dairy cattle, goats, sheep, swine, rabbits, and poultry are required to receive YQCA training or testing through the YQCA website or Face to Face YQCA training held by the Extension program prior to the fair. Program attendance or completion of a test in the county extension office is required for county fair, but also **IS** REQUIRED TO SHOW AT STATE FAIR OR AK-SAR-BEN. JUNE 15th deadline for and County Fair.

ONLY PURPLES CAN BE CHAMPIONS

Any animal science entry must be awarded a first or second purple ribbon in a class to be eligible to compete for champion or reserve champion.

HOW TO MAKE ENTRIES

All animal science entries will be pre-entered by the date designated on the pre-entry sheet mailed to exhibitors in June.

STALL ASSIGNMENTS

Stall assignments will be made by the Superintendent & Extension Office one week prior to fair. Exhibitors will be required to complete and return any information found in the letter that will be received for pre-entry. **EXHIBITORS ARE NOT ALLOWED TO PREPARE STALLS UNTIL STALL ASSIGNMENTS ARE MADE. STALL ASSIGNMENTS WILL CHANGE FROM YEAR TO YEAR BASED ON CLUB SIZE.**

NUMBER OF ENTRIES IN LIVESTOCK

A club exhibitor is limited to exhibiting: three market beef (including pre-market) with no more than two market steers or heifers included in the three total, two feeder calves, two breeding heifers, one cow/calf pair, one bucket calf, six swine, with no more than one breeding gilt, four market lambs, two breeding ewes, four market goat and two breeding does.

NUMBER OF ENTRIES IN RABBITS AND POULTRY

POULTRY - 8 entries per exhibitor. (Please note that pen of three is one entry)

RABBITS - 5 rabbits per exhibitor.

NOTICE TO 4-H EXHIBITORS AND LEADERS

All state rules will be followed unless otherwise stated. However, final decisions will be made by department superintendents and Extension Staff. STATE FAIR RULES will be followed if this book does not cover the situation. The Polk County Fairbook is the final rule.

ALL EXHIBITS removed prior to release time will be subject to a LOSS OF PREMIUM unless arrangements have been made with the Extension Office. STALLS AND PENS must be left clean after livestock leaves the fair. Failure to comply will result in a $5.00 penalty per day until the stall is cleaned out.

BEEF RATE OF GAIN CONTEST

Grand and Reserve Rosettes will be given in Market Heifer and Steer. All market beef animals need to be weighed on the dates specified by Market Beef Weigh and Tag Day, to be eligible to compete in the rate of gain contest. Only animals weighed on these dates/or within seven days of the weigh in with Extension Staff or Veterinarian Staff at the Osceola Veterinarians Clinic will be eligible.

MEAT GOAT & MARKET LAMB RATE OF GAIN CONTEST

Grand and Reserve Rosettes will be given. All meat goat and Market Lamb animals need to be weighed on the date, to be eligible to compete in the rate of gain contest. Only animals weighed at this event will be eligible. Breeding animals are not eligible.

SHOWMANSHIP

CONTEST RULES

A. ELIGIBILITY-All 4-H livestock exhibitors must show their own animals to be considered as participants in the Showmanship Contest. Showman will be allowed to compete in a division each year based on their age. Ownership is determined by Fair entry and appropriate ownership/ID affidavits from the Extension Office.

B. AGE DIVISIONS – Showmanship classes will be divided into three age divisions: Junior (8-10 by January 1) Intermediate (11-13 years old by January 1) and Senior (14 – 18 years old by January 1).

C. ASSIGNED CLASSES - In species where showmanship classes are assigned and posted prior to the show, exhibitors must show in the class assigned, or receive prior permission from the species superintendent, or they will be disqualified.

D. BASIS FOR JUDGING-Showmanship judging is based on preparation of animals for show, their apparent training and the appearance and behavior of the showman. Minor technical points are not to be over-emphasized, nor do minor infractions disqualify. Primarily in showmanship it is the skill of the showman in presenting the animal before the judge that counts, while individual excellence of the animal does not.

E. EXHIBITOR DRESS CODE- Livestock/ Animal General Rules.

F. LIVESTOCK GROOMING RULE- Livestock/Animal General Rules.

G. EXHIBITOR NUMBERS-To allow for easy and rapid identification, all exhibitor numbers shall be pinned on the back of the exhibitor in the area of the shoulder blades.

H. DISQUALIFICATION-The exhibitor may be disqualified from showmanship for any violation of rules or unsportsmanlike conduct at the Fair.

Guidelines for the Blow and Go show:

1. 4-H animals will be shown **free of** any compounds that are applied by aerosol propellants.
2. Alcohol, water or any water- or alcohol-based products with no adhesive qualities are permitted.
3. Any compounds that have adhesive qualities or alter the color of the animal are forbidden.

SUBSTITUE SHOWMAN

This only applies when the animal is being judged, not showmanship. An animal must be shown by the owner who entered it unless the exhibitor is excused by the Superintendent or Extension Staff because of serious illness, physical disability, or disability due to an injury (e.g., broken arm or leg).

An exhibitor who has more than one animal in a class needs to find a substitute exhibitor for that 4-H animal, but they can only be another 4-H exhibitor from the Polk County 4-H program.

ROUND ROBIN SHOWMANSHIP
The sponsor is Double Z Cattle

The grand champion senior showman in Beef, Swine, Horse, Goat and Sheep are eligible to compete for the round robin showmanship championship. An individual is eligible to show in only one species. If qualified in more than one, he/she must choose which one species to show. The reserve champion showman, if also a purple ribbon winner, is the only alternate. The winner will be eligible for future species showmanship contest, along with the round robin.

Animals will be selected by the Superintendent from each species with the winner of that species showing their own animal. The winner in the horse division must provide a horse for this contest. Exhibitors will be judged on their knowledge of each species shown and the specific showmanship skills required as well as their presentation of each species.

There is no premium money for this contest, the grand champion will receive a special prize. The winner will also be eligible to compete in the State Showmanship Contest at the State Fair on Labor Day Weekend. To compete at state fair, exhibitors MUST be exhibiting at state fair in either beef, sheep, or swine for 4-H or FFA. Alternates will be chosen if the winner chooses not to compete in the state competition.

HERDSMANSHIP

All livestock exhibitors are required to maintain their quarters as orderly as possible and must keep the part of the building they occupy neat and attractive. All clubs/chapters as well as individual members will compete in the herdsmanship contest. Herdsmanship will be done by species/barn.

Responsibility

Herdsmanship duties are the responsibility of exhibitors rather than leaders, advisors, and parents.

Judging

A committee will be chosen to judge herdsmanship. Herdmanship will be judged by species.

Basis of Ratings

Herdsmanship judges will use the following scoring guide in judging herdsmanship:

- Animals: clean at all times with proper grooming, feeding, bedding, and care apparent.
- Stalls/Pens: clean and neat; bedding clean and fresh; feed and feed pans and buckets clean and in place. Club and exhibitor signs identifying area clearly in place. Club signs should be appropriate for the exhibit.
- Tack and feed area kept clean and neatly arranged.
- Alleys: exhibitor's share of alley area kept clean; kept free of equipment; dust kept under control with proper sweeping and/or sprinkling.
- Exhibitors: proper courtesy and conduct shown by exhibitors at all times including the public and other exhibitors. Evidence that exhibitors are doing herdsmanship.
- Pre-fair cleanup participation.
- Added attractiveness of display due to nonessential equipment or material in excess of needs for the show period is permissible (if complying with general show rules) but will not be considered in ratings.

Times of Judging

Herdsmanship will be checked twice daily for the duration of the fair except the day of the show.

BEEF

No animal can be entered in both breeding and market classes. All exhibitors of beef cattle, except bucket calves are eligible to enter the showmanship contest and **must use their own animal**. An animal may not be used by more than one person in all showmanship classes. Can be shown with cable or leather halter. Rope halter can be used but not preferred.

Any beef animal to be shown in a breed class must have an official copy of breed papers attached to the required I.D. sheets by 8:00 a.m. on the Thursday of fair. All registered animals will be shown in their breed class, no minimum number needed.

MARKET STEERS AND HEIFERS may have the two center temporary incisor teeth replaced by permanent incisors. The remaining six temporary incisors must be in place and there may be no evidence of eruption of any permanent incisors other than the centers. Each beef animal may be shown in only one class.

BUCKET CALF
Premiums: $7.00, $5.00, $4.00, $3.00

A bucket calf is defined as an orphan or newborn calf; male or female; dairy, beef or cross, fed on a bucket or bottle. Each exhibitor is limited to one bucket calf entry. All calves must be halter broke and stall tied. Bucket Calves must be born from January 1 to June 1 of the current year.

Calves to be exhibited in this class must be identified and ear-tagged with official Nebraska 4-H feed calf ID forms and tags and be on file at the Extension Office by June 15th

4-Hers must exhibit their calves in the show arena. Judging will consist of interviews conducted at this time. Scoring will be based on condition of animal, evidence of training, 4-H'ers knowledge of animal (i.e. feeding, age, breed, training, etc.), and their record book. Scoring will NOT be based on the quality or fitting of the animal. Because showmanship is a part of the bucket calf show, no bucket calves may be shown in the regular showmanship competition.

This class is limited to youth ages 13 and under with the stipulations below in Intermediate Bucket Calf class. **All bucket calf participants must fill out a one-page record sheet on the care of your animal and bring this to show the judge the day of the show. This sheet can be picked up in the Extension Office or found on our web site at https://extension.unl.edu/statewide/polk/animal-projects-information/.**

G110901 Jr. Bucket Calf (4-Her's 10 and under 4-H age)

G110902 Int. Bucket Calf (4-Her's 11-13 4-H age and first two years of showing beef project)

SHOWMANSHIP
Premiums: $4.00, $3.75, $3.50, $3.25

G111901 Senior Showmanship (14 and up as of Jan 1)

G111902 Intermediate Showmanship (11-13 as of Jan. 1)

G111903 Junior Showmanship (8-10 as of Jan 1)

FEEDER CALVES
Premiums: $7.00, $5.00, $4.00, $3.00

Each exhibitor will be limited to two entries. Entries may be calves, born between January 1 and June 1 of the current year and have a known certified birth date.

Calves to be exhibited in this class must be identified and ear-tagged with official Nebraska 4-H feed calf ID forms and tags and be on file at the Extension Office by June 15th.

All breeds will show in one class. If a class is too large it will be divided at the discretion of the Beef Superintendent. Feeder calves are dismissed after the show. They may be stalled in the beef bard (if there is room) for the duration of the fair but cannot return once they are removed. Calves to be shown in Cow/Calf Pair class are not eligible to be shown in the Feeder Calf Class. No Bulls may be shown.

G112901 Male Feeder Calves

G112902 Female Feeder Calves

COW/CALF
Premiums: $10.00, $8.00, $6.00, $4.00

The class shall consist of the cow and her most recent calf. Each exhibitor may show one cow/calf pair. The calf may not be shown in any other class.

All cow/calf pair will show together unless sufficient numbers of any breed (at least three pairs).

G113901 Cow/Calf

BREEDING BEEF HEIFERS
Premiums: $10.00, $8.00, $6.00, $4.00

Each exhibitor may show two breeding animals. A grand and reserve champion will be selected from the commercial, bred & fed and registered classes and then an overall breeding beef will be selected from those winners.

Registered heifers MUST have legible tattoo matching registration. Commercial heifers may have a

legible tattoo OR an EID tag matching the online nomination. Any registered heifer not having a legible tattoo or that shows evidence of a fresh or recent tattoo, will be disqualified from the show. A calf-hood vaccination tattoo is not considered an official identification tattoo. All heifers will be checked for tattoos.

Any beef animal to be shown in a breed class must have an official copy of breed papers attached to the pre-registration form when turned in to the Extension Office by 8:00 on the Thursday of fair.

BORN ON OR AFTER JANUARY 1, 2026

G114901 Registered

G114902 Commercial

G114903 Bred & Fed

CALVED JULY THROUGH DECEMBER 2025

G114904 Registered

G114905 Commercial

G114906 Bred & Fed

CALVED JANUARY THROUGH JUNE 2025

G114907 Registered

G114908 Commercial

G114909 Bred & Fed

MARKET BEEF
Premiums: $10.00, $8.00, $6.00, $4.00

Each exhibitor may show three market animals with no more than two steers or heifers in the total. A Grand and Reserve Champion will be selected from the market beef show. These champions will be selected from the top two winners of each class in the market beef show. Home Raised animals must be born and raised in the possession of the 4-Her's and their family.

All market beef will be weighed upon entering. Steers must weigh at least 1000 pounds and heifers 900 pounds. Some classes may have to be divided into heavy and lightweight classes if entries are large. Home raised calves must be bred, born and raised by the exhibitor.

Market steers weighing less than 1000 pounds and market heifers weighing less than 900 pounds will be shown in the pre-market class. Winners in the pre-market classes will not be eligible to compete with the winners from the market classes for breed champions or grand champion. All pre-market steers will be shown together, and all pre-market heifers will be shown together, unless in the case of a large number of entries the classes will be subdivided.

G115901 Premarket Heifers **(weighing less than 900 lbs)**

G115902 Returning Bucket Calf Market Heifers (**from 2025)**

G115903 Bred and Fed Market Heifers

G115904 Commercial Market Heifers

G115905 Premarket Steer **(weighing less than 1000 lbs)**

G115906 Returning Bucket Calf Market Steer**(from 2025)**

G115907 Bred and Fed Market Steer

G115908 Commercial Market Steer

RATE OF GAIN

All animals weighed and identified at the Osceola Veterinary Clinic at the official Polk County Weigh Day to be eligible for this contest. Market beef animals shown at County Fair will automatically be entered in the rate of gain contest. The animals with the highest average daily gain will be the winner. Grand and Reserve trophies will be awarded to the top two heifers and steers. No premiums.

SHEEP

Market Lambs-Each member may show four market lambs and a pen of three market lambs. These may be ewes or wethers. Pen of three may consist of any combination of a 4-Her's market lamb classes. Pre-Market Lambs weighing less than 100lbs are not eligible for Grand or Reserve. All market lambs are required to be born on or after December 1st of the current year.

Breeding Lambs-Each member may show two breeding ewes. In no case may the same animal be shown in both the market and the breeding classes. A grand and reserve champion will be selected from the market and breeding classes.

Wool Length Requirements - All market lambs must be shorn sufficiently short to allow for inspection for club lamb fungus at any time of the fair. Wool may be left on the legs ONLY below the knees and hocks.

SHOWMANSHIP
Premiums: $4.00, $3.75, $3.50, $3.25

G210901 Sheep Showmanship Senior Division (Age 14 & up)

G210902 Sheep Showmanship Intermediate Division (Age 11 -13)

G210903 Sheep Showmanship Junior Division (Age 8–10)

MARKET LAMBS
Premiums: $7.00, $5.00, $4.00, $3.00

G211901 Individual Market Lambs

G211902 Premarket Lambs **(Weighing less than 95 lbs)**

BREEDING SHEEP
Premiums: $7.00, $5.00, $4.00, $3.00

G212901 Breeding Ewes Under 1 Year

G212902 Breeding Ewes Over 1 Year

PEN OF THREE
Premiums: $5.00, $4.00, $3.00, $2.00

G213901 Pen of Three Market Lambs

SWINE

Each member may show six individual market hogs **OR** five market hogs and one breeding gilt. Each exhibitor may only show a total of six hogs. The market hogs may either be barrows, gilts, bred & fed market barrow, bred & fed market gilt or a combination, but no more than three in any class of market animals or breeding gilts. Home farrowed market swine must be born and raised in the possession of the exhibiting family. All breeds and crossbreeds of market hogs will be shown together.

Grand and Reserve Champions will be selected from the market swine and breeding gilt classes. These champions will be selected from the top two winners of each class of market barrow and market gilt (including home farrowed and purebred) in the market swine show. Premarket Swine (weighing under 200lbs are not eligible for Grand and Reserve Trophies but subject to weigh change because of an early fair).

SWINE SHOWMANSHIP
Premiums: $4.00, $3.75, $3.50, $3.25

G310901 Senior Division (14 and over as 4-H age)

G310902 Intermediate Division (11-13 4-H age)

G310903 Junior Division (10 and under 4-H age)

BREEDING GILTS
Premiums: $7.00, $5.00, $4.00, $3.00

All breeding gilts are to be born after November 1 of the previous year. Purebred gilts must have up-to-date registration papers in the name of the exhibitor, family or farm name, and meet industry standards for breed type, color, and confirmation. Breeding gilts will be shown by breed divisions for purebred gilts. Breed divisions may be divided up by age at the discretion of the swine superintendent. Commercial gilts can be crossbred gilts, gilts of pure breeds that do not meet breed standards or gilts that do not have up to date registration papers. Gilts may not be shown in both breeding and market classes. The breeding gilt show will consist of two divisions: purebred and crossbred. The champion and reserve champion purebred and crossbred breeding gilts will compete for the Overall Breeding Gilt selection.

G312901 Purebred Breeding Gilt

G312902 Crossbred Breeding Gilt

SWINE
Premiums: $7.00, $5.00, $4.00, $3.00

The Purebred and Crossbred Market divisions will have both gilts and barrows in separate divisions. The market swine show will be broken in the following divisions: Purebred Market Gilt, Crossbred Market Gilt, Bred & Fed Market Gilt, Purebred Market Barrow, and Crossbred Market Barrow and Bred & Fed Market Barrow. Breeds with a minimum of 3 market hogs or more will show in their own breed division. Purebred breed hogs in breeds with fewer than 3 purebred entries will be eligible to show in the “All Other Breeds” division. Breed divisions may be divided up by age at the discretion of the swine superintendent.

G311901 Premarket Gilt (weighing under 200)

G311902 Bred & Fed Market Gilt

G311903 Purebred Market Gilt

G311904 Crossbred Market Gilt

G311905 Premarket Barrow (weighing under 200)

G311906 Bred & Fed Market Barrow

G311907 Purbred Market Gilt

G311908 Crossbred Market Barrow

G311909 Pen of Three Market Swine

GOAT

An exhibitor may show four market goats and two breeding goats. All goats must be identified on the official Nebraska 4-H ID form and on file in the Extension Office by June 15th.

GOAT SHOWMANSHIP
Premiums: $4.00, $3.75, $3.50, $3.25

G510904 Meat Goat Senior Division (14 and up 4-H age)

G510905 Meat Goat Intermediate Division (11-13 4-H age)

G510906 Meat Goat Junior Division (8-10 4-H age)

MEAT GOAT
Premiums: $7.00, $5.00, $4.00, $3.00

1. GOAT I.D.- It is preferred that all does (market and breeding) have official USDA identification tag in place (part of the scrapie eradication program). All Meat Goats (market and breeding) must be listed on official 4-H ownership affidavit to be eligible to show

2. WEIGHT LIMITS - Market goats must weigh a minimum of 50 lbs. at check-in. Goats under 50 lbs. will be allowed to check-in but be shown as pre-market.

3. AGE – Market Goats are to have milk teeth and there shall be no evidence of breaking of the skin or eruption of the two permanent front teeth.

4. HAIR – All market goats must be shorn sufficiently short from the knee and hock up to allow inspection for club lamb fungus at any time of the fair.

5. HORNS – Blunting, tipping, and dehorning is permitted NECK CHAINS & HALTERS - Goats are to be shown with either a halter, smooth neck chain, smooth or pronged collars only.

6. SHOW CLASS AND SEX - Market goats may be doe or wether kids. Short scrotum, cryptorchid and buck kids are not eligible. All market goats will be weighed and divided into classes based on total numbers and weight range. Market does and wethers will show together. Breeding Goats will check in at designated time and be grouped to show based on ages of entries.

7. SHOWING AND HANDLING PRACTICES-The use of showing and/or handling practices that may be considered objectionable or abusive, such as striking or slapping goats and exhibiting the goat with its feet off the ground, are not acceptable. The use of such practices may result in the lowering of a ribbon placing.

MARKET GOATS

G512901 Pre-Market Goats (Weighing Under 50 Lbs)

G512902 Market Goats (divided by weight)

BREEDING GOATS

G512903 Breeding Does Age 0 – 6 Months **(born 02/01/26 or later)**

G512904 Breeding Does Age 7 – 12 Months **(born 08/01/25-01/31/26)**

G512905 Breeding Does Age 13 – 24 Months **(born 08/01/24-07/31/25)**

G512906 Breeding Does Age Older Than 24 Months **(born before 07/31/24)**

PEN OF THREE

G512907 Pen of Three Market Goat

HORSES

Horses will be released as they show. No horses allowed on the fairgrounds unless they are entered in the show. State Rules will be followed. Substitute showmen (must be current Polk County 4-H members) will only be allowed in the mare and foal class and/or if the exhibitor has 2 purples showing in the grand champion mare or gelding class. Pre-entry must be made as designated by the Extension Office. Members may enter only one animal per riding class.
Exhibitors may only ride horses they have I.D.'d by June 15th. Exhibitors may ride in both English and Western Pleasure and Horsemanship classes. English riders are not required to wear English attire. English saddles, bridles, and headgear are required. Blue jeans and long sleeved, white, western shirt are acceptable. NO chaps allowed. Exhibitors must wear appropriate clothing and footwear as stated in the Extension Circular 4-H 373 "Nebraska 4-H Horse Show and Judging Guide." Available in to purchase at https://marketplace.unl.edu/ne4h/curriculum/animalscience

HORSE SHOWMANSHIP
Premiums: $4.00, $3.75, $3.50, $3.25

Anyone entering any of the classes in the 4-H show will be eligible to enter the showmanship contest. The showmanship contest will be held following the halter classes. All classes and judging will be done according to the Extension Circular 4-H 373. "Nebraska 4-H Horse Show and Judging Guide."

G610901 Junior Division (8-10 4-H age)

G610902 Intermediate Division (11 -13 as 4-H age)

G610903 Senior Division (14 and over as 4-H age)

HALTER CLASSES
Premiums: $4.00, $3.00, $2.00, $1.00
Each member CAN ONLY SHOW in two halter classes

FILLIES

G611901 Weaning Fillies (Jan. 1 to June 1 foal)

G611902 1 Year Old Fillies

G611903 2 Year Old FIllies

G611904 3 Year Old Mares Through 12 Years

G611905 Mares 13 Years & Older

GELDINGS

G611906 Weaning Colts (Jan 1 to June 1 foal)

G611907 1 Year Old Gelding

G611908 2 Year Old Gelding

G611909 3 Year Old Gelding Through 12 Years

G611910 Geldings 13 Years & Older

MARE AND FOAL

G611911 Mare with Foal of Current Year

Colts may be shown as colts or with mare but not shown in both classes.

PERFORMANCE CLASSES
Premiums: $4.00, $3.00, $2.00, $1.00

Classes that are divided by age groups are as stated in showmanship. **PLEASE NOTE – Intermediate Classes will be used ONLY if there is a sufficient number of youths in both the Senior and Intermediate Classes. This will be determined on a year-to-year basis after horse I.D. Sheets are received June 1st.

JOINT PERFORMANCE CLASSES (All Ages)

G612901 English Pleasure

G612902 English Horsemanship

G612903 Two & Three Year Old Snaffle Bit (Must sign waiver that was trained mostly by 4-Her showing the horse)

PERFORMANCE JR CLASS (8-10 4-H Age)

Walk Trot Pleasure and Horsemanship are for youth that are not able to enter the Western Pleasure and Horsemanship classes. You may only enter one pleasure and one horsemanship class.

G612905 Walk Trot Pleasure*

G612906 Walk Trot Horsemanship*

G612907 Western Pleasure

G612908 Western Horsemanship

G612909 Trail

G612910 Reining

G612911 Pole Bending

G612912 Barrel Racing

PERFORMANCE INTERMEDIATE CLASS (Age 11-13 as 4-H Age)**

G612913 Walk Trot Pleasure*

G612914 Walk Trot Horsemanship*

G612915 Western Pleasure

G612916 Western Horsemanship

G612917 Trail

G612918 Reining

G612919 Pole Bending

G612920 Barrel Racing

PERFORMANCE SR. CLASS (Age 14 & Up 4-H Age)

G612921 Western Pleasure

G612922 Western Horsemanship

G612923 Trail

G612924 Reining

G612925 Pole Bending

G612926 Barrel Racing

ROPING CLASSES
Premiums: $4.00, $3.00, $2.00, $1.00

Classes 901 & 902 are designed for those 4-Hers just beginning to rope. Five throws will be made to a dummy steer head in a bale of hay. Individuals will be awarded ribbons on the best of five throws.

G613901 Junior Ground Roping (10 and under as 4-H Age)

G613902 Intermediate Ground Roping (11-13 as 4-H Age)

G613903 Senior Ground Roping (14-18 as 4-H Age)

PETS

4-H'ers participating in the Dog, Cat and Pet Show must wear a Polk County 4-H T-Shirt for event. Unlike other animal exhibits, pets do not stay at the fairgrounds during the fair. All dogs and cats must be immunized. Dogs in season will not be allowed to show. All dogs must be owned by exhibitor by June 1 of the current year.

SMALL PET SHOWMANSHIP
Premiums: $4.00, $3.75, $3.50, $3.25

4-H'ers are limited to one animal per class. The 4-H'er is judged on the knowledge and care of their pet.

G550901 SMALL PET SHOWMANSHIP - Exhibitors must be present when their exhibits are judged. Exhibitors must provide their own equipment. 4-H members are responsible for care of entries during the show. **Exhibitors shall be limited to ONE entry in this category.**

A pet is defined as any animal not covered by a 4-H dealing with livestock, small animals, or pets. In general, members with pets should follow the same guidelines for dogs and cats related to exhibiting at the Fair (that is, bring in for the day of evaluation only, and follow vaccination and health requirements). Members requesting to show in this class must get approval from the Extension Office prior to fair. Decision will be made based on the following considerations:

- Ability of animal to be shown around large crowd.
- Safety of animal to be shown without any type of confinement.
- Safety of spectators and exhibitor with no barriers provided.
- Other factors affecting the safety of the animal, exhibitor or spectators.

If an animal is displayed in a travel cage, please prepare a display, such as a poster or photographs showing the animal in its normal home. **PLEASE—NO EXHIBITS WITH VERY YOUNG BABIES!** No poisonous and/or potentially dangerous non-domesticated animals can be entered.

All 4-H'ers participating in the Pet Show must wear a Polk County 4-H t-shirt. Judging criteria:

- EXHIBITOR'S KNOWLEDGE OF PROJECT ANIMAL(S)
- HEALTH OF ANIMAL
- CONDITION OF CAGE

- SAFETY OF DISPLAY
- APPROPRIATE ENVIRONMENT

G550902 ….. CAT SHOWMANSHIP - Number of entries per exhibitor: limit of one cat per class. KITTENS UNDER FOUR MONTHS OF AGE WILL NOT BE ACCEPTED. A cat that becomes difficult to handle may be judged in the cage at the judge's discretion with A LOSS OF 5 POINTS. Exhibitors may show from their own cage/pet carrier. Exhibitors in the cat show are required to wear Polk County 4-H T-Shirt and long pants. Individuals not meeting these requirements will lose one ribbon placing. For concerns, contact superintendent in advance. Exhibitors must prepare and show their own animals. Exhibitors will be judged on handling of cat from cage to judge's table, plus answers to questions as to breed, age, type and date of immunizations, sex and general knowledge of cat. A copy of the showmanship guidelines is available from the extension office.

Health requirements - animals shall be free of fleas, ticks, mites, lice and other parasites. Any animal showing signs of parasites or disease will not be exhibited.

POULTRY

All Poultry AND Rabbits must be entered by 9:00 a.m. on Thursday. Pre-entry information must be submitted by entry time. All entry tags must be completed by this time and attached to the cages in which the animals are placed Poultry/Rabbit Barn. All tags must have breed name and approximate hatching date on them (at least month). An exhibitor is limited to exhibiting a total of eight entries (pen of three count as one entry).

Poultry Ages

Cock - Over 1 year old
Hen - Over 1 year old
Cockerel - Under 1 year old
Pullet - Under 1 year old

Trio - Trios will be judged in cages.

Entry Requirements - All poultry exhibited must be grown in the 4-H member's project.

Breeds - To be eligible for breed exhibition, cockerel, pullet, cock, or hen poultry entries must be fair representatives of the breeds and must be listed in the American Poultry Association Standard of Perfection or the American Bantam Association Standard of Perfection.

Production Trio - A pen of egg production birds can be hybrids, crossbred, or purebred and shall consist of 3 sexually mature females. Egg production females will be judged for production qualities only and need not necessarily conform to breed standards. Hens must be in egg production.

Rules for Bantam & Other Poultry - The rules for standard size chickens apply equally to bantams and waterfowl, where applicable.

All showmen must be present to exhibit their own poultry. All showmanship rules apply as stated in the LIVESTOCK GENERAL RULES SECTION.

POULTRY SHOWMANSHIP
Premiums: $4.00, $3.75, $3.50, $3.25
Exhibitors of Poultry will be eligible to enter the showmanship contest.

G810901 Junior Division (8-10 4-H Age)

G810902 Intermediate Division (11-13 4-H Age)

G810903 Senior Division (14 & up 4-H Age)

POULTRY
Premiums: $4.00, $3.75, $3.50, $3.25

STANDARD SIZE

G811901 Cockerel

G811902 Pullet

G811903 Cock

G811904 Hen

G811905 Breeding Trio (2 females & 1 male, all of the same breed)

G811906 Broilers Pen of 3 (male or female broilers 6-9 weeks of age)

G811907 Production Trio (3 egg producing females)

BANTAMS

G811908 Cockerel

G811909 Pullet

G811910 Cock

G811911 Hen

G811912 Breeding Trio (2 females & 1 male, all the same breed)

OTHER POULTRY

G811913 Young Drake (male)

G811914 Young Duck (female

G811915 Young Gander (male)

G811916 Young Goose (female)

G811917 Young Tom Turkey (male)

G811918 Young Hen Turkey (female)

G811919 Other Poultry (May exhibit up to two birds in this class examples include Peacocks, Pheasants, Pigeons, etc.)

EGG EXHIBIT
Premiums: $4.00, $3.75, $3.50, $3.25

Eggs will be judged according to uniformity of size, weight and color as well as cleanliness. Do not refrigerate prior to exhibiting eggs. 4-H'ers may exhibit only ONE dozen per class. EGGS WILL ONLY BE JUDGED DURING THE POULTRY SHOW.

G812901 One Dozen White Eggs

G812902 One Dozen Brown Eggs

G812903 One Dozen Other Color Eggs

RABBITS

All Poultry AND Rabbits must be entered by 9:00 p.m. on Thursday. Pre-entry information must be submitted by check in time. All entry tags must be completed by this time and attached to the cages in

which the animals are placed Poultry/Rabbit Barn. All tags must have breed name and approximate birth date on them (at least month). Limit five rabbits per exhibitor. Two per class per individual with no more than five total.

RABBIT SHOWMANSHIP
Premiums: $4.00, $3.75, $3.50, $3.25

Showmanship is based on grooming and training of the rabbit and the appearance and behavior of the exhibitor. The exhibitor must vocally explain the steps in their routine and the merit of the rabbit. Primarily, showmanship is the skill of the exhibitor in presenting and explaining the rabbit before the judge. The excellence of the rabbit is not considered in scoring. The judge may or may not ask questions of the exhibitor at the close of the routine. Any 4-H'er with a rabbit may enter the competition. The participant may use any rabbit they choose, so long as it was raised and trained by the 4-H'er.

G910901 Junior Showmanship (8-10 4-H Age)

G910902 Intermediate Showmanship (11-13 4-H Age)

G910903 Senior Showmanship (14 and up 4-H Age)

FANCY BREED RABBIT CLASSES
Premiums: $4.00, $3.75, $3.50, $3.25

Are raised primarily for show and are judged by body type, size, and markings that are in accordance with breed standards. Breeds in this category include: American Fuzzy Lop, American Sable, Belgian Hare, Blue Holicer, Britannia Petite, Czech Frosty, Dutch, Dwarf Hotot, Dwarf Papillion, English Angora, English Spot, Florida White, French Angora, Harlequin, Havana, Himalayan, Jersey Wooly, Lilac, Holland Lop, Mini Lop, Mini Rex, Mini Satin, Netherland Dwarf, Polish, Rex, Rhinelander, Satin Angora, Silver, Silver Marten, Standard Chinchilla, Tan, Thrianta or Lionhead. Please refer to an American Rabbit Breeders Association (ARBA) standards to know what class your rabbit should be in.

G911901 Does - Junior (under 6 months)

G911902 Bucks - Junior (under 6 months)

G911903 Does - Senior (over 6 months)

G911904 Bucks - Senior (over 6 months)

COMMERCIAL BREED RABBIT CLASSES
Premiums: $4.00, $3.75, $3.50, $3.25

Are those breeds raised for meat and fur production. Some of the breeds in this category include: American, American Chinchilla, Argente Brun, Beveren, Blanc de Hotot, Californian, Champagne, D'Argent, Checkered Giant, Cinnamon, Creme D'Argent, English Lop, Flemish Giant, French Lop, Giant Angora, Giant Chinchilla, New Zealand, Palomino, Satin, and Silver Fox. Please refer to an American Rabbit Breeders Association (ARBA) standards to know what class your rabbit should be in.

G912901 Does - Junior (under 6 months)

G912902 Bucks - Junior (under 6 months)

G912903 Does - Intermediate (6 to 8 months)

G912904 Bucks - Intermediate (6 to 8 months)

G912905 Does - Senior (over 8 months)

G912906 Bucks - Senior (over 8 months)

PET RABBIT CLASSES
Premiums: $4.00, $3.75, $3.50, $3.25

These classes are for crossbred rabbits or purebred rabbits with traits that disqualify them from breed classes.

G913901 Pet Class **(Any Age)**

MARKET RABBIT CLASSES
Premiums: $4.00, $3.75, $3.50, $3.25

G914901 .. Single Fryer - Not over 10 weeks of age. Minimum weight of 3 ½ pounds. Maximum weight of 5 ½ pounds.

G914902 Roaster - All rabbits entered in this class must be under 6 months of age. Minimum weight 5 ½ pounds. Maximum weight 9 pounds.

G914903 Stewers - All rabbits entered in this class must be 6 months of age and over. Minimum weight is over 8 pounds.

HORTICULTURE

The purpose of Horticulture is to encourage participants to start and maintain vegetable and herb gardens. In addition, 4-H members can participate in planting, growing, and caring for flowers and houseplants. 4-H members may also participate in the special gardening project, which changes annually. For more resources and materials check out https://4h.unl.edu/statewide-events-opportunities/special-garden-project/

Floriculture, Educational Exhibits & Houseplants

FLORICULTURE
Premiums: $1.75, $1.50, $1.25, $1.00

Rules (Classes 1-46)

1. Classes 1-23: Cut Flower Annuals and Biennials - Five stems of a single variety (cultivar) unless otherwise noted in parenthesis.

2. Classes 30-46: Cut Flower Perennials - Five stems of a single variety (cultivar) unless otherwise noted in parenthesis.

3. The cultivar or variety name must be included on all entry cards. If potted container with several cultivar or varieties identify each individually within the pot. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel.

4. For Floriculture, punch hole in the top center of entry tag, use a rubber band to securely attach entry tag to containers.

5. Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing. In classes 23, 45 & 46, do not duplicate entries from the already listed classes or entry will be dropped one ribbon placing. For example, 4-H members with two cultivars or varieties of marigolds can only enter the marigold class and cannot enter the other cultivar or variety in any other class. A perennial is defined as a plant of which the crown overwinters. An annual is a plant that grows from seed each season, whether self-seeded or planted by the gardener. A biennial is a plant that germinates, grows and overwinters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.

6. All three or five stems of cut flowers should be the same cultivar and color, do not mix cultivars and colors. Containers will not be judged; however, they should be CLEAR GLASS CONTAINERS that won't tip over (No plastic containers at State Fair) and of adequate size to display blooms. Any exhibit not in a clear glass container will be dropped one ribbon placing. NO SCREW ON LIDS OR SCREW ON RINGS AND FLATS MAY BE USED. To hold flowers in place it is suggested to use tin foil or a type of plastic wrap with holes poked into it or frog lids. Containers may not be returned from State Fair.

Classes 1-23 (SF106)

G770001 - Aster

G770002 - Bachelor Buttons

G770003 - Bells of Ireland

G770004 - Browallia

G770005 - Calendula

G770006 - Celosia (crested or plume) (3 stems)

G770007 - Cosmos

G770008 - Dahlia

G770009 - Dianthus

G770010 - Foxglove

G770011 - Gladiolus (3 stems)

G770012 - Gomphrena

G770013 - Hollyhock (3 stems)

G770014 - Marigold

G770015 - Pansy

G770016 - Petunia

G770017 - Salvia

G770018 - Snapdragon

G770019 - Statice

G770020 - Sunflower (under 3 inch diameter - Five stems, three inches or more in diameter - three stems)

G770021 - Vinca

G770022 - Zinnia

G770023 - Any other annual or biennial (under three inch diameter - five stems, three inches or more in diameter - three stems) (do not duplicate entries in classes 1-22)

Cut Flower Perennials - Five stems of a single variety (cultivar) unless otherwise noted in parenthesis.

Classes 30-46 (SF106)

G770030 - Achillea/Yarrow

G770031 - Chrysanthemum

G770032 - Coneflower

G770033 – Coreopsis

G770034 - Daisy

G770035 - Gaillardia

G770036 - Helianthus

G770037 - Hydrangea (three stems)

G770038 - Liatris (three stems)

G770039 - Lilies (three stems) (Not Daylilies)

G770040 - Platycodon

G770041 - Rose (3 stems)

G770042 - Rudbeckia/Black-eyed Susan

G770043 - Sedum

G770044 - Statice

G770045 - Any other perennial (under three inch diameter – Five stems, three inches or more in diameter - three stems) (do not duplicate entries in classes 30-44)

G770046 - 4-H Flower Garden Collection of 5 different cut flowers. Flowers are to be cut not potted. Each flower in the collection should be exhibited with the number specified for classes 1-45. Display in a box or other holder not more than 18 inches in any dimension. Boxes may not be returned from State Fair. Do not duplicate entries in classes 1-45 with any in the group collection.

EDUCATIONAL EXHIBITS
Premiums: $3.00, $2.75, $2.50, $2.25

G770050 Flower Notebook (SF100) - Exhibit a notebook containing pictures of flowers grown in Nebraska. There must be at least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. Bulbs may be included in a separate section. 4-H members may show more than one cultivar of the same species, but they will only count as one species. The notebook must be the result of the current year's work. Pictures from garden catalogs, hand drawn pictures, or photographs may be used. Each species/cultivar must be labeled with the correct common name and scientific name; the height and spread of the plant and the growing conditions (for example: needs full sun and dry sandy soil) the species prefers. In addition to this information, bulbs should also be labeled as spring or summer flowering. Give proper credit by listing the sources of pictures and information used. The 4-H member's name, age, county, and years in the project(s) must be on the back of the notebook.

G770051 Flower Garden Promotion Poster (SF103) - Individual poster promoting flower gardening, size 14 inches x 22 inches either vertical or horizontal arrangement. Poster may be in any medium: watercolor, ink, crayon, etc. as long as it is not three-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right-hand corner. The 4-H member's name, age, county, and years in the project(s) must be on the back of the poster.

G770052 Educational Flower Garden Poster (SF104) - Prepare a poster 14 inches x 22 inches x 2 inches (three-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in a 4-H flower or houseplant project. One might show a special technique used or equipment incorporated in the garden. Refer to 4-H horticulture project manuals, but use your own creativity. Entry card must be stapled to the upper right-hand corner. The 4-H member's name, age, county, and years in the project(s) must be on the back of the poster.

G770053 Flower Gardening History Interview (SF105) - Neatly handwritten or typed account of a gardening history interview whose flower garden has inspired you. Maximum of four pages of text and two pages of pictures (include one picture of the person you interviewed) of their flower garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, county, and years in the project(s) must be on the back of the report cover.

HOUSEPLANTS
Premiums: $3.00, $2.75, $2.50, $2.25

Rules - Houseplants (Classes 60-66)

1. Container Grown Houseplants: The choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container. Identify each plant individually if more than one cultivar or variety. Houseplants should be grown in the display container for a minimum of six weeks. Plants grown as houseplants must be used. NebGuide G2205 “Guide to Growing Houseplants” and NebGuide G837 “Guide to Selecting Houseplants” includes a listing of common houseplants. Containers of annual flowers or annual plants (i.e. petunias, geraniums, impatiens) will be disqualified and will not be judged.

2. Entries in Classes 60-66 must have been designed and planted by the 4-H member.

3. Any container plant, (flowering or foliage potted houseplants, dish gardens, fairy or miniature gardens, desert gardens, or terrariums) shall be in containers no larger than 12 inches (use inside opening measurement) in any dimension of length or width. No combination of pots may be used. All potted plants are to be in a one pot container. Any container grown plant in Classes 60-66 that does not follow these guidelines will be dropped one ribbon placing.

4. Classes 60-65 exhibitors must have and provide a saucer to catch drainage water. The 4-H member’s name, age, county, and years in the project(s) must be on the bottom or back of the container and saucer.

G770060 Flowering Potted Houseplant(s) (SF107) - that are blooming for exhibition. A container may have one or more houseplants in container. Label with the name for each plant. Non-blooming plants will be disqualified.

G770061 Foliage Potted Houseplant (SF107) - one variety of tropical or cacti or succulent plant. Label with name of plant.

G770062 Hanging Basket (SF107) - of flowering and/or foliage houseplants. A Container may have one or more houseplants in the container. Label with the name for each plant.

G770063 Dish Garden (SF 107) - an open/shallow container featuring a variety of houseplants excluding cacti and succulents. Label with the name for each plant.

G770064 Fairy or Miniature Garden (SF107) - A miniature "scene" contained in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e. bench, fence made from tiny twigs, small shell for a bathtub, etc. Label with the name for each plant.

G770065 Desert Garden (SF107) - an open/shallow container featuring a variety of cacti and/or succulents grown as houseplants. Label with the name for each plant.

G770066 Terrarium (SF107) - a transparent container, partially or completely enclosed; sealed or unsealed. Label with the name for each plant.

SPECIAL GARDEN PROJECT
Premiums: $3.00, $2.75, $2.50, $2.25

G775001 Special Garden Project (SF109) - Educational exhibit based on what was learned from the project. Present information on a poster 14 inches X 22 inches either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, and county must be on the back of the poster or report cover.

G775002 Special Garden Project Fresh Cut Flowers, Herbs or Harvested Vegetables (SF109) - The current year's Special Gardening Project fresh cut flowers, herbs or harvested vegetables should be entered in this class. Refer to classes 1-45 for quantity to exhibit if Special Gardening Project is a fresh cut flower (SF106). Refer to classes 201-252 for quantity to exhibit if Special Gardening Project is a vegetable (SF108). Flowers and herbs must be cut, not potted.

Vegetables, Herbs, Fruits, & Educational Exhibits

Rules

1. The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will lower the entry one ribbon placing. Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be lowered one ribbon placing. In classes 252, 255, 268, 269, 285, and 286 do not duplicate entries from any of the other classes or entry will be lowered one ribbon placing. For example: 4-H members with two cultivars or varieties of red tomatoes can only enter the red tomatoes class and cannot enter the other cultivar or variety in any other vegetable class. Score Sheet SF108.

2. Vegetables (Classes 1-56) Class, Vegetable, Number's to Exhibit

3. Herbs (Classes 60-69) Herbs will be judged using the same general criteria used for vegetables. Those grown mainly for their seed, such as dill and caraway, should be exhibited on a plate. Those grown for their leaves such as basil, parsley, etc. should be exhibited in a CLEAR GLASS CONTAINER of water (no plastic containers at State Fair). Any exhibit not in a clear glass container will be dropped one ribbon placing. NO SCREW ON LIDS OR SCREW ON RINGS AND FLATS MAY BE USED. To hold herb leaves in place it is suggested to use tin foil
or a type of plastic wrap with holes poked into it or frog lids. Containers may not be returned from State Fair. Potted herb plants will be disqualified and will not be judged. Score Sheet SF108.

4. Fruits (Classes 80-86) Fruits will be judged using the same general criteria used for vegetables. Fruit will be judged for the stage of maturity normal for that season and growing location. Emphasis will be placed on how well fruit approaches market quality. Score Sheet SF108.

VEGETABLES
Premiums: $1.75, $1.50, $1.25, $1.00

Classes 1-56 (SF108)

G773201 – Lima Beans, 12

G773202 – Snap Beans, 12

G773203 – Wax Beans, 12

G773204 – Beets, 5

G773205 - Broccoli, 2

G773206 - Brussels Sprouts, 12

G773207 - Green Cabbage, 2

G773208 - Red Cabbage, 2

G773209 - Carrots, 5

G773210 – Cauliflower, 2

G773211 - Slicing Cucumbers, 2

G773212 - Pickling Cucumbers, 5

G773213 - Eggplant, 2

G773214 - Kohlrabi, 5

G773215 - Muskmelon/Cantaloupe, 2

G773216 - Okra, 5

G773217 - Yellow Onions, 5

G773218 - Red Onions, 5

G773219 - White Onions, 5

G773220 - Parsnips, 5

G773221 - Bell Peppers, 5

G773222 - Sweet (Non-Bell) Peppers, 5

G773223 - Jalapeno Peppers,5

G773224 - Hot (Non-Jalapeno) Peppers, 5

G773225 - White Potatoes, 5

G773226 - Red Potatoes, 5

G773227 - Russet Potatoes, 5

G773228 - Other Potatoes, 5

G773229 - Pumpkin, 2

G773230 - Miniature Pumpkins (Jack Be Little type), 5

G773231 - Radish, 5

G773232 - Rhubarb, 5

G773233 - Rutabaga, 2

G773234 - Green Summer Squash, 2

G773235 - Yellow Summer Squash, 2

G773236 - White Summer Squash, 2

G773237 - Acorn Squash, 2

G773238 - Butternut Squash, 2

G773239 – Buttercup Squash, 2

G773240 - Other Winter Squash, 2

G773241 - Sweet Corn (in husks), 5

G773242 - Swiss Chard, 5

G773243 - Red Tomatoes (2" or more in diameter) 5

G773244 - Roma or Sauce-type Tomatoes, 5

G773245 - Salad Tomatoes (under 2" diameter), 12

G773246 - Yellow Tomatoes (2" or more in diameter), 5

G773247 - Turnips, 5

G773248 - Watermelon, 2

G773249 –Dry Edible Beans, 1 pint

G773250 - Gourds, mixed types, 5

G773251 - Gourds, single variety, 5

G773252 - Any other vegetables, 2, 5, or 12 (do not duplicate entries in classes 201-251) that doesn't fit in any other class

G773255 - 4-H Vegetable Garden Collection of five kinds of vegetables. Display Garden Collection in a box not more than 24 inches in any dimension. Boxes may not be returned from State Fair. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252). Do not duplicate entries in classes 201-252 with any in the group collection.

G773256 - 4-H Cultivar Vegetable Collection – Vegetables entered in the collection are five cultivars from a single exhibit; for example, five cultivars of all types of peppers or squash or onions or tomatoes, etc. Display in a box not more than 24 inches in any dimension. Boxes may not be returned from State Fair. Showmanship will be considered in judging; but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252).

HERBS

Classes 60-69 (SF108)

G773260 - Basil, 5

G773261 - Dill (dry), 5

G773262 - Garlic (bulbs), 5

G773263 - Mint, 5

G773264 - Oregano, 5

G773265 - Parsley, 5

G773266 - Sage, 5

G773267 - Thyme, 5

G773268 - Any Other Herb, 5 (do not duplicate entries in classes 260-267)

G773269 - 4-H Herb Garden Display of five different cut herbs. Herbs are to be cut not potted. Displayed in a box or other holder not more than 18 inches in any dimension. Boxes may not be returned from State Fair. Each herb in the collection should be exhibited with the number specified for classes 260-268. Do not duplicate entries in classes 260-268 with any in the group collection.

FRUITS

Classes 80-86 (SF 108)

G773280 - Strawberries (everbearers), 1 pint

G773281 - Grapes, 2 bunches

G773282 - Apples, 5

G773283 - Pears, 5

G773284 - Wild Plums, 1 pint

G773285 - Other small fruit or berries, 1 pint (do not duplicate entries in classes 280-284)

G773286 - Other fruits OR nuts, 5 (do not duplicate entries in classes 280-284)

EDUCATIONAL EXHIBITS
Premium: $3.00, $2.75, $2.50, $2.25

G773290 Garden Promotion Poster (SF103) Individual poster promoting vegetable or herb gardening, size 14 inches x 22 inches either vertical or horizontal arrangement. Poster may be in any medium so long as it is not three-dimensional. Posters using copyrighted material will not be accepted. Entry card must be attached to the upper right-hand corner. The 4-H member's name, age, county, and years in the project(s) must be on the back of the poster.

G773291 Educational Vegetable or Herb Garden Poster (SF104) Prepare a poster 14 inches x 22 inches x 2 inches (three-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4-Hmember has done or learned about in a 4-H vegetable gardening project. One might show a special technique used or equipment incorporated in the garden (e.g., drip irrigation system, composting, or special techniques learned). Refer to 4-H horticulture project manuals, but use your own creativity. Entry card must be attached to the upper right-hand corner. The 4-H member's name, age, county, and years in the project(s) must be on the back of the poster.

G773292 Vegetable and/or Herb Gardening History Interview (SF105) Neatly handwritten or typed account of a gardening history interview of someone whose vegetable or herb garden has inspired you. Maximum of four pages of text and two pages of pictures (include one picture of the person you interviewed) of their garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, county, and years in the project(s) must be on the back of the report cover.

G773293 Vegetable Seed Display (SF101) Each display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade), and Legume (pea) families, plus representatives from five other families. Group the seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22 inches x 24 inches. Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where several examples of beans may be

shown. Attach a card to the back of the display explaining why and how it is important to know which vegetables are related and cite references on where the scientific name information was found. The 4-H member's name, age, county, and years in the project(s) must be on the back of the display. Information on vegetable family members can be obtained from your Extension office.

G773294 World of Vegetables Notebook (SF102) - Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (e.g. Mexican, African, Chinese, Italian, etc.). Include a report describing a minimum of five vegetables and/or herbs from each country chosen. Include the scientific and common names; pictures of the plants from your garden or seed catalogs; tell how they are grown; and how the foods are used. Also list a source for buying the seed or plants. Favorite recipes using some or all the vegetables described may be included. Give proper credit by listing the source of pictures and information used. Protect in a clear report cover or three-ring notebook. The 4-H member's name, age, county, and years in the project(s) must be on the back of the report cover or notebook.

POTTED PATIO GARDENS
Premiums: $3.00, $2.75, $2.50, $2.25

**Designates County Project Only – not eligible for State Fair Competition.*

*G770901 Patio Garden Small Container (less than 10") any container used for outdoor decoration. (Limit one per exhibitor)**(No variety names needed for this class.)

*G770902 Patio Garden Medium Container (Approximately10-15") any container used for outdoor decoration. (Limit one per exhibitor)**(No variety names needed for this class)

*G770903 Patio Garden Large Container (Approximately 16" or Larger) any container used for outdoor decoration. (Limit one per exhibitor)**(No variety names needed for this class.)

AGRONOMY

The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability and environmental protection. For guidelines on specific projects, refer to appropriate project manuals.

FIELD CROPS
Premiums: $2.00, $1.75, $1.50, $1.25

Rules

1. Grain or Plant Exhibits - Classes 1-5:

- A completed Crop Production Worksheet (available athttps://go.unl.edu/cropworksheet) must accompany grain and plant exhibits or it will automatically be lowered one ribbon placing. The worksheet must include the 4-H member's name and address, county, plant hybrid or variety, plant population, whether crop production was irrigated or dryland, and general information including farm cropping history, soil type and weather effects.
- The worksheet also must include an economic analysis of the project, listing individual expenses and income, on a per acre basis. Other topics to discuss are the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season and what you learned from your crops project. The worksheet counts as 50% of the total when judged.
- Worksheet must be the original work of the individual 4-H member or it will be lowerd one ribbon placing.

- Attach the worksheet to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the worksheet, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit. Refer to Scoresheet SF264. Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (e.g., corn or soybeans) may be from the previous year's project and brought in an appropriate sized box/container for display. NEW: Place in a clear container so it can be viewed and displayed.
- Plant exhibits, with the exception of ears of corn, must be the result of the current year's project. - Corn - 10 ears or three stalks (cut at ground level with no roots or soil and bound together) Grain Sorghum – four stalks (cut at ground level and bound together)
- Soybeans – six stalks (cut at ground level and bound together)
- Small grains (oats, barley, wheat, triticale) - sheaf of heads two inches in diameter at top tie with stems about 24 inches long.
- Other crops (alfalfa, millet, etc.) - sheaf of stems three inches in diameter at top tied with stems cut at ground level or half size small square bale.

2. Displays - Classes 6-10:

- The purpose of the display is to tell an educational story to those that view the display.
- The display is a visual representation (pictures, charts, graphs) no larger than 28 inches x by 28 inches on plywood or poster board.
- The display should be neatly titled. Make sure to label display with 4-H member's name, address and county on back side. Explain pictures and graphs clearly and concisely.
- Consider creativity and neatness. Refer to Scoresheet SF259. Each display must have a one-page essay (minimum) explaining why the 4-H member chose the
- area of display and what they learned from their project. Include any references used.
- The essay should be in a clear plastic cover with the 4-H member's name outside. If a display does not have an essay, it will automatically be lowered one ribbon placing.

3. Special Agronomy Project – 4-H Member experience a crop that is grown, was grown or has the potential to be grown in Nebraska by growing it, researching traits of that crop and determine viability of that crop in the part of the state they live.
Each year seeds will be mailed to extension offices or ag ed classrooms across the state, as ordered by that location. Offices will distribute to 4-H member on a first come, first serve basis. A different seed will be selected every year. 4-H members will grow seeds in their garden or pots. Written resources materials will be available for youth, in addition to virtual, live or recorded videos/field trips. 4-H members will be eligible to enter an exhibit at both the county and/or state fair in the agronomy project area.

G750001 Corn (SF264) - (includes yellow, white, pop, waxy or any other type).

G750002 Soybeans (SF264)

G750003 Oats (SF264)

G750004 Wheat (SF264)

G750005 Any other crop (SF264) - (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)

G750006 Crop Production Display (SF259) - The purpose of this class is to allow original and creative exhibits that contain educational information about crop production aspects, such as crop scouting, alternative crops, pest management, etc.

G750007 Crop Technology Display (SF259) – Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.

G750008 Crop End Use Display (SF259) - Display information about the final product or end uses for a crop, such as food, feed, fuel, or other products (i.e. corn can be processed into livestock feed, ethanol, plastics, etc. or soybeans can be processed into bio-diesel, pet bedding, crayons, oil, etc.) This should not be about the process of crop production, but focus on an end product(s).

G750009 Water or Soil Display (SF259) - Display information about water or soils, such as how soils are being used for crop production, range, conservation, wildlife, or wetland use, or ways to protect or conserve water and soil resources.

G750010 Career Interview Display (SF259) - The purpose of this class is to allow 4-H members to investigate a career in agronomy. 4-H member should interview one person that works with crops about such topics as, what parts of their job do they enjoy or dislike, why did they choose that career, what was their education, etc. Include a picture of the person interviewed.

2026 Special Agronomy Project
Premiums: $2.00, $1.75, $1.50, $1.25
2026 - Popcorn

G750011 Special Agronomy Project – EducationF259) – Educational exhibit based on what was learned from the project. Present information on no larger than 28 inches wide by 28 inches tall on plywood or poster board. The 4-H member's name, age, and county must be on the back of the poster or report cover. Refer to Scoresheet SF259. Each display must have a 1/2-page essay (minimum) explaining why the 4-H member exhibitor chose the area of display and what they learned from their project. Include references used.

G750012 Special Agronomy Project - Video Presentation – (SF259) 4-H member designs a multimedia presentation related to the crop. This could include narration of the growing process, presenting facts about the crop or any other innovative multimedia practices. The presentation should be at least two minutes in length and no more than five minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip. Presentations are to be uploaded to a video streaming application and 4-H member must provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or link on several devices to check for appropriate permissions for public viewing.

G750013 Special Agronomy Project (Freshly Harvested Crop) – (SF259) Plant exhibits must be the result of the current year's project. Depending on the type of crop selected for the current year:

- Corn - 10 ears or three stalks (cut at ground level with no roots or soil
- and bound together)
- Grain Sorghum - four stalks (cut at ground level and bound together)
- Soybeans – six stalks (cut at ground level and bound together)
- Small grains (oats, barley, wheat, triticale) - sheaf of heads two inches
- in diameter at top tie with stems about 24 inches long.
- Other crops (alfalfa, sunflowers, millet, etc.) - sheaf of stems three inches in diameter
- at top tied with stems cut at ground level.

Supporting documentation (½ to 1-page in length) should include the following:

- Economic Analysis and/or research that supports feasibility of this crop in Nebraska or how the crop has evolved over time.
- Other topics to discuss are past/current commercial production of this crop. This includes: the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season about this crop and what you
- learned from your crops project. This ½ to 1-page summary counts as 50% of the total when judged.
- In addition to the summary, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit.

The crop of the year for 2026 is Popcorn.

WEED SCIENCE
Premiums: $1.50, $1.25, $1.00, $0.75

Rules

1. At least 15 of the specimens must represent this year's work (after the previous county fair to present day). For assistance identifying plants, participants can use the Nebraska Department of Agriculture's Weeds of Nebraska and the Great Plains Book..

2. Books - Classes 1-2:

- Plants must be mounted on sheets that are no larger than 14 inches x 14 inches. Proper plant mount should include root as well as stem and leaf tissue. Plants should be glued rather than taped and the mounts should be protected with a clear clover.
- Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements. Refer to Scoresheet SF261.
- Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet: - Scientific name (in italic or underlined), with authority, - Common name, - County of collection, - Collection date, - Collector's name, - Personal collection number, indicating the order that plants were collected in your personal collection, - Other information depending on class selected, i.e., noxious, life form. This information should be typed or printed neatly.

3. Displays - Class 3:

- The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28 inch x 28 inch on plywood or poster board. The display should be neatly titled.
- Make sure to label display with 4-H member's name, address, and county on back side. Explain pictures and graphs clearly and concisely. Refer to Scoresheet SF259.
- Each display must have a one-page essay explaining why the 4-H member chose the area of display and what they learned from their project. Include references used.
- The essay should be in a clear plastic cover with the 4-H member's

G751001 - Weed Identification Book - (SF261) A collection of a minimum of 15 plant mounts including at least two of the following prohibited noxious weeds (Canada thistle, musk thistle, plumeless thistle, saltcedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed, giant knotweed, sericea lespedeza or phragmites) and at least three weeds that are a problem primarily in lawns.

G751002 - Life Span Book - (SF261) A collection of seven perennials, one biennial, and seven annual weeds.

G751003 - Weed Display - (SF259) The purpose of this class is to allow original and creative exhibits that contain educational information about weeds, such as interesting information about a weed species, the effects of weed control, herbicide-resistant weeds, what makes a weed a weed or uses for weeds.

DEPARTMENT H

SCIENCE, TECHNOLOGY, ENGINEERING, & MATH

This department gives 4-H members an opportunity to display their knowledge and skills gained relating to computers, drones, electricity, energy, geospatial, robots, rockets, drones, welding and woodworking. Through participation in this department, 4-H members will present their knowledge in these areas as they relate to STEM. For help getting started with this project contact your county Extension office.

Department Rules

1. The name and county of each 4-H should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.

2. Demonstration boards should include an overall title for the display, plus other necessary labeling.

3. Reports should be written using the scientific method whenever possible: 1. Hypothesis 2. Research 3. Experiment 4. Measure 5. Report or Redefine Hypothesis. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.

4. Please refer to the General Rules for the policy regarding firearms, items with a blade, and other related items.

5. Please refer to the General Rules for the policy regarding use of copywritten images.

6. Premier 4-H Science Award is available in this area.

7. Team Entries: To qualify for entry at the Nebraska State Fair for any team exhibit, the exhibit and all supporting information must clearly be the work of a team instead of an individual, and must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing.

8. State Fair qualified videos, presentations and other electronic exhibits should be submitted to https://go.unl.edu/2025nesfstem by August 15th, 2026. Videos can be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. 4-H members are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing

9. Posters in this department can be any size up to 28 inches x 22 inches when ready for display. Example: trifold poster boards are not 28 inches x 22 inches when fully open for display.

10. Several classes require a display board which should be a height of 24 inches and not to exceed 1/4-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf (width) if two 24-inch

boards are cut from one end of a 4 foot by 8-foot sheet of plywood. Nothing should be mounted within 3/4 inch of the top or bottom of the board. (Example: Woodworking & Electricity.)

- Fabricated boards such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- Demonstration boards should include an overall title for the display, plus other necessary labeling.
- Reports should be written using the scientific method whenever possible (background, the question or hypothesis, what you plan to do and what you did, method used and observations, results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.

11. If the project (i.e. picnic tables, wishing wells, swings, chairs, bridges, doghouses, etc.) is designed to be used outside, it will be displayed outside.

12. All outside projects MUST have entry tag and supporting information placed in a protective bag to prevent damage from weather events such as rain and be ATTACHED to projects with string, zip ties, etc.

STEM Aerospace (Rockets/Drones)
Premiums: $3.50, $3.25, $3.00, $2.75

** Designates County Project Only – not eligible for State Fair Competition.*

Rules

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.

2. Rockets must be supported substantially in order to protect the rocket from breakage. Rockets are to be mounted on a base that has dimensions equal to or less than 12" x 12" and the base should be 3/4" thick. No metal bases. If the rocket fins extend beyond the edges of the required base (12” x 12”), then construct a base that is large enough to protect the fins. The base size is dictated by the size of the rocket fins.

3. The rockets must be mounted vertically. Please do not attach sideboards or backdrops to the displays. In addition, a used engine or length of dowel pin is to be glued and/or screwed into the board and extended up into the rocket's engine mount to give added stability.

4. Rockets must be equipped as prepared for launching, with wadding and parachute or other recovery system. Rockets entered with live engines, wrong base size or sideboards will be disqualified.

5. A report, protected in a clear plastic cover, must include: 1) rocket specification (include original or photo of manufacture packaging stating rocket skill level), 2) a flight record for each launching (weather, distance, flight height), 3) number of launchings, 4) flight pictures 5) Safety (how did you choose your launch site? Document safe launch, preparations, and precautions) 6) objectives learned and 7) conclusions.

6. The flight record should describe the engine used, what the rocket did in flight and recovery success. Points will not be deducted for launching, flight or recovery failures described. This includes any damage that may be shown on the rocket. Complete factory assembled rockets will not be accepted at the State Fair.

7. Judging is based upon display appearance, rocket appearance, workmanship, design or capabilities for flight, number of times launched and report. Three launches are required to earn the maximum launch

points given on the score sheets. For scoring at the State Fair, only actual launches count, misfires will not count towards one of the required three launches.

- For self-designed rockets only, please include a digital recorded copy of one flight. In the documentation, please include a description of stability testing before the rocket was flown.
- The skill level of a project is not determined by the number of years in project. Skill level is determined by the level listed on the manufacturing packaging.
- 4-H Rocket project levels are not intended to correspond to National Association of Rocketry model rocket difficulty ratings or levels.

8. High power rockets (HPR) are similar to model rocketry with differences that include the propulsion power and weight increase of the model. They use motors in ranges over "G" power and/or weigh more than laws and regulations allow for unrestricted model rockets. These rockets are NOT appropriate for 4-H projects and will be disqualified.

*H850901 Rocket (SF92) Any skill level rocket with plastic fins.

H850001 Rocket (SF92) Any Skill Level Rocket with wooden fins and cardboard body tubes painted by hand or air brush.

H850002 Aerospace Display (SF277) Poster or display board that displays or exemplifies one of the principles learned in the Lift Off project. Examples include: display of rocket parts and purpose, explaining the parts of a NASA rocket or shuttle, interview of someone in the aerospace field, or kite terminology. Include notebook containing terminology (definition), and what was learned. Display can be any size up to 22 inches by 28 inches.

H850003 Rocket (SF92) Any Skill Level Rocket with wooden fins and cardboard body tubes painted using commercial application, for example: commercial spray paint.

H850004 Rocket (SF92) Any self-designed rocket with wooden fins and cardboard body

H850005 Drone Poster Exhibit (SF277) must be designed to educate yourself and others on one or more of the following topics: drone technologies, uses of drones, the different types of drones, types of training needed to operate drones, and the laws and regulations users must follow. Posters can be any size up to 22 inches x 28 inches.

H850006 Drone Video (SF277) Exhibit must demonstrate how the drone interacts with the outside world. Examples include: field scouting, surveying damage from used for structural engineering, or any other example of your choosing. Video should not exceed five minutes.

Computers – County Entries
Premiums: $2.50, $2.25, $2.00, $1.75

** Designates County Project Only – not eligible for State Fair Competition.*

*H860902 Internet Website Creation Exhibit (SF275) will be a notebook of the documentation and print out of the Website. The notebook should include: 1) cover page; 2) print out of the Website; 3) summary page 4) completed general record book.

*H860903 Computer Designed Greeting Card (SF276) Exhibit will consist of the six greeting cards, each for a different occasion/holiday. Exhibit should be created on 8½ x 11" paper using a commercially available graphics program and a color printer/plotter or single-color printer/plotter. The cards should vary in folds and design. Prefabricated cards from commercially available card programs will NOT be accepted. No theme required.

*H860904 Power Point Presentation **(SF 276)** Exhibit will be a notebook of the printouts using the program. Create at least ten different slides using a minimum of four layouts with the same background on all slides. The notebook will consist of the following: 1) Cover page 2) Printouts of the program created; 3) Description of the different….. features used in the program; and 4) How you plan to use this program in the future

Computer Science

H860001 Computer Application Notebook (SF277) – 4-H exhibitor should use computer application to create a graphic notebook utilizing computer technology. This exhibit consists of a 8.5 inch x 11 inch notebook which should include two parts:

1. A detailed report describing:
    a. the task to be completed
    b. the computer application software required to complete the task
    c. specific features of the computer application software necessary for completing the task
2. Print out of your project. Project may be in color or black and white. 4-H member may create any of the following:
    - greeting card (five different cards such as a birthday, wedding, anniversary, sympathy get well or other)
    - business card (three cards for three different individuals and businesses)
    - menu (minimum of two pages including short description of foods and pricing); book layout (I-book)
    - promotional flyer (three flyers promoting three different events)
    - newsletter (minimum two pages)
    - other: examples such as precision farming or family business logo etc.

H860002 Produce a Computer Slideshow Presentation (SF276) – Using presentation software a 4-H Exhibitor designs a multimedia computer presentation on one topic related to youth. A 8.5 inch x 11 inch three ring notebook with a printout of all the slides should be submitted. Slideshow should include a minimum of 10 slides and not more than 25. Incorporate appropriate slide layouts, graphics, animations, and audio (music or voice and transition sounds do not count). Each slide should include notes for a presentation. All digital exhibits must be uploaded according to the guidelines and by the deadline listed in the department rules.

H860003 Produce an Audio/Video Computer Presentation (SF276) – Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth, including audio and/or video elements. A notebook with a printout of all the slides should be submitted. The presentation should be at least two minutes in length and no more than five minutes in length, appropriate graphics, sound and either a video clip, animation, or voice over and/or original video clip. All digital exhibits must be uploaded according to the guidelines and by the deadline listed in the department rules.

H860004 How to STEM (Science, Technology, Engineering and Math) Presentation (SF276) – Youth design a fully automated two to five minute 4-H "how to" video. Submissions should incorporate a picture or video of the 4-H member as well as their name (first name only), age (as of January 1 of the current year), years in 4-H, and their personal interests or hobbies. All digital exhibits must be uploaded according to the guidelines and by the deadline listed in the department rules.

H860005 Virtual Platform Presentation (SF276) – Youth design a fully automated educational presentation using any multimedia platform such as Tik Tok, YouTube, Canva, Canvas, etc.. Submissions may include a notebook, poster, etc., explaining the process, experience, and/or presentation. All digital

exhibits must be uploaded according to the guidelines and by the deadline listed in the department rules.

H860006 Create a Website/Blog or App (SF275) – Design a simple website, blog, or app for providing information about a topic related to youth. Include an explanation of why the entry was created. Any current website, blog, or app development platform is accepted such as Google Sites, iBuildApp, Wix, etc. All digital exhibits must be uploaded according to the guidelines and by the deadline listed in the department rules.

H860007 3D Printing (SF1050) – 3D printing uses plastic or other materials to build a three-dimensional (3D) object from a digital design (including 3D Pen Creation). 4-H may use original designs or someone else's they have redesigned in a unique way. Exhibits will be judged based on the motivation and/or problem identified. For example, 3D objects printed as part of the design process for robot or other engineering project. Must include design notebook that addresses the following questions:

1. What was the motivation for your design or the problem you were solving with your design? i.e. Is your item a functional or decorative piece?
2. Please include a picture of original design, citation of designer/website OR if design is completely original (you created it using CAD software), then state that it's original. If item was not completely original, indicate what you did to the original design to modify it to better meet the design problem stated in #1 above. Its design was modified multiple times, please indicate what change was made with each modification, and what prompted the need for the change. i.e. I printed it and the design was too fragile, so I resliced the print to make thicker external walls, or to have a denser infill.
3. Define your process for designing/printing. What software and/or hardware was used (indicate type of 3D printer or if item was created with 3D pen)?
4. What materials were selected for your project?
5. If your final design has any moving parts, define how you determined appropriate allowance in your design.
6. Identify any changes that you would make to improve your design.

H860008 Maker Space/Digital Fabrication (SF1050) – This project is a computer generated projected created using a laser cutter, vinyl cutter, heat press or CNC router. Vector or 3D based software such as Corel Draw or Fusion 360 would be an example of an appropriate software used to create your finished project. Project should include a 8.5 inch x 11 inch three ring notebook with the following:

1. What motivated you to create this project
2. Software and equipment used
3. Directions on how to create the project
4. Prototype of plans
5. Cost of creating project
6. Iterations or modifications made to original plans
7. Changes you would make if you remade the project

Team Entry Option: To qualify for entry at the Nebraska State Fair team materials entered in H860008 – Maker Space/Digital Fabrication must clearly be the work of a team instead of an individual, and must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing.

ELECTRICITY
Premiums: $2.50, $2.25, $2.00. $1.75

** Designates County Project Only – not eligible for State Fair Competition.*

*H870901 Bright Lights – (SF226) Create your own flashlight using items found around your house. Flashlights should be made of items that could be recycled or reused. No kits please.

*H870902 Control the Flow – (SF226) **Make the Switch** Use the following items: D cell battery, battery holder, insulated wire, 2- or 2.5-volt light bulb, bulb holder, paper clip, cardboard, and two brass paper fasteners to create a circuit that you can open and close.

*H870903 Conducting Things - (SF226) Make a circuit with a switch and a light bulb that can be used to test different household items for their ability to act as an insulator or conductor. You must find five items that are conductors and five items that are insulators. Create a table that illustrates your results.

*H870904 Is There a Fork in the Road - (SF226) Use the following items to construct one parallel and one series circuit. Items: D cell battery, battery holder, insulated wire, bulb holder and a 2 or 2.5 volt light bulb. For classes 115- 117 please refer to 4-H manual Electric 2 Investigating Electricity.

*H870905 Quiz Board or Stead Hand Tester - (SF226) game will be judged for usefulness, craftsmanship and wiring skill. Include battery or power supply to operate exhibit. Questions on the quiz board can deal with any topic. For instructions, contact the extension office.

*H870906 Poster - (SF226) should exemplify one of the lessons learned in the Magic of Electricity project. Posters can be any size up to 28" x 22".

*H870907 CASE OF THE SWITCHING CIRCUIT (SF226) Use the following items: two D cell batteries, two battery holders, light bulb, bulb holder, a 3" x 6" piece of cardboard, six brass paper fasteners and approx. two feet of 24 gauge insulated wire to build a three-way switch. Write a short essay or create a poster that illustrates how three-way switches function.

*H870908 ROCKET LAUNCHER (SF226) Construct a rocket launcher out of the following materials: a plastic pencil box that is at least 4" x 8", single pole switch, single throw switch, normally-open push button switch, 40 feet of 18 or 22 gauge stranded wire, 4 alligator clips, 2-by 6-board 6 inches long, 1/8 inch diameter metal rod, rosin core solder, soldering iron or gun, wire stripper, small crescent wrench, pliers, small Phillips and straight blade screwdrivers, drill, 1/8" and ¼" drill bits, rocket engine igniter, additional drill bits matched to holes for two switches. You must successfully build a rocket launcher and light two rocket igniter with your launcher. You DO NOT have to actually fire a rocket off of the launcher. Create a poster using photographs to show the "step by step process" you used to build your launcher.

*H870909 STOP THE CRIME – BUILD AN ALARM (SF226) using the following materials: On-off push button switch, mercury switch, buzzer-vibrating or piezoelectric, 9-volt battery holder, 4 inch by 4 inch by 1/8 inch Plexiglas board to mount circuit on; rosin core solder, soldering gun/iron, two feet of 22 gauge wire, wire strippers, hot glue sticks, hot glue gun and a plastic box with lid to mount your alarm circuit on. Create a poster using photographs to show the "step by step process" you used to build your alarm.

*H870910 POSTER - (SF226) should exemplify one of the lessons learned in the Magic of Electricity project. Posters can be any size up to 28" x 22".

H870001 Electrical Tool/Supply Kit (SF2264) **– Create an electrical supply kit to be used for basic electrical repair around the house. Include a brief description of each item and its use. Container should be appropriate to hold items.**

H870002 Lighting Comparison (SF226) **– Display studying the efficiency of various lighting**

(incandescent, fluorescent, halogen, Light Emitting Diodes, etc.). Exhibit could be a poster display, or an actual item.

H870003 Electrical Display/Item (SF226) **– Show an application of one of the concepts learned in the Wired for Power project. Examples include: re-wiring or building a lamp, re-wiring or making a heavy-duty extension cord or developing an electrical diagram of a house. Exhibit could be a poster display, or an actual item**

H870004 Poster (SF277) **– Poster should exemplify one of the lessons learned in the Wired for Power Project.**

H870005 - Electrical/Electronic Part Identification - (SF226**) - Display different parts used for electrical/electronic work. The exhibit should show the part (either picture or actual item) and give a brief description, including a symbol of each part and its function. Display should include a minimum of 10 different parts.**

H870006 - Electronic Display - (SF229) **- Show an application of one of the concepts learned in the Entering Electronics project. Examples include: components of an electronic device (refer to p. 35 of the Entering Electronics manual).**

H870007 - Electronic Project - (SF229) **- Exhibit an electronic item designed by the 4-H'er or from a manufactured kit that shows the electronic expertise of the 4-H'er. Examples include: a radio, a computer, or a voltmeter.**

H870008 - Poster (SF277) **- Poster should exemplify one of the lessons learned in the Entering Electronics Project. Posters can be any size up to 28 inches by 22 inches.**

Geospatial
Premiums: $2.50, $2.25, $2.00, $1.75

H880001 - Poster - (SF277) - Create a poster communicating a GPS theme such as How GPS or GIS works, Careers that use GPS or GIS, How to use GPS, What is GIS, GPS or GIS in Agriculture, Precision Agriculture, or a geospatial topic of interest.

H880002 - 4-H Favorite Places or Historical Site Poster - (SF277) - The 4-H member identifies a favorite place or historical site (including grave sites) in Nebraska. Exhibit should include latitude and longitude, digital picture, and local area map. Poster size should not exceed 22 inches x 28 inches.

H880003 - GPS Notebook - (SF300) - Keep a log of at least five places visited using a GPS enabled device. At least one site should be from a community other than where you live. For each site, record the latitude, longitude and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional but encouraged.

H880004 - Geocache - (SF301) - Assemble a themed geocache (physical geocache is REQUIRED with exhibit). Each geocache should be a water-tight container. It should include a logbook and pencil for finders to log their visits and may include small trinket, geo-coins, etc. for the finders to trade. Documentation should include a title, teaser description and the geographic coordinates of intended placement. The entry may include a photograph of the cache in its intended hiding place. Register the site at geocaching.com following the Nebraska State Fair.

H880005 - Agriculture Precision Mapping - (SF302) - 4-H members will assemble a 8.5 inches x 11 inches three-ring notebook that will include a minimum of two digital copies of various data layers that can be used in precision agriculture to identify spatial patterns and/or correlations (printed copies of

websites were applications can be purchased is acceptable) A report of how the analysis of the various data will be used to make a management decision.

H880007 - GIS Thematic Map (SF302) – Using any GIS software, create a thematic map. Thematic maps can utilize any subject of interest to the 4-H members. Example map would be Amelia Earhart's or Sir Francis Drake's voyage, population density maps, water usage maps or 4-H project in Nebraska. Create GIS Map using data from books and/or internet. Use reliable data, (U.S. Center or U.S. Census Bureau etc.) Map any size from 8.5 inches x 11 inches up to 36 inches x 24 inches, which should include Title, Base Map, Neat Line, North Arrow, and Legend. Identify the source of your information on the back of the map.

H880008 – Virtual Geocache (SF301) - Keep a log of at least five places visited using a virtual geocache platform. At least one site should be from a community other than where you live. For each site, record the latitude, longitude and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional but encouraged.

Energy
Premiums: $3.00, $2.75, $2.50, $2.25

H900001 - Create and Compare Energy Resources Poster - (SF277) - **Poster should explore two alternative/renewable energy resources. Compare and contrast the two resources including two of the following information: amount of energy created, costs of production, usability of the energy, pros/cons of environmental impacts, etc. Posters can be any size up to 28 inches by 22 inches.**

H900002 - Experiment Notebook - (SF277) - **Notebook will explore the scientific method involving alternative/renewable energy sources. Information required. 1. Hypothesis 2. Research 3. Experiment 4. Measure 5. Report or Redefine Hypothesis.**

H900003 - Solar as Energy Display/Poster - (SF277) - **Item should be the original design of the 4-H member. Include the item, or a picture if item is in excess of 6 feet tall or 2 feet x 2 feet. Include a notebook of why the item was designed and how it harnesses the power of the sun. Examples include solar ovens, solar panels, etc.**

H900004 - Water as Energy Display/Poster - (SF277) - **Item should be the original design of the 4-H member. Include the item, or a picture if item is in excess of 6 feet tall or 2 feet x 2 feet. Include a notebook of why the item was designed and how it harnesses the power of water.**

H900005 - Wind as Energy Display/Poster - (SF277) - **Item should be the original design of the 4-H member. Include the item, or a picture if item is in excess of 6 feet tall or 2 feet x 2 feet. Include a notebook of why the item was designed and how it harnesses the power of wind.**

H90006 - Other Nebraska Alternative Energy - (SF277) - **Notebook should explore Nebraskan alternative energy source besides wind, water, and solar power. Include information on type of power chosen, infrastructure for distribution, what resources are needed to create this alternative resource, cost of production, and potential uses of bio-products. Examples include geothermal, biomass, ethanol, bio-diesel, methane reactors, etc.**

Woodworking
Premiums: $3.50, $3.25, $3.00, $2.75

** Designates County Project Only – not eligible for State Fair Competition.*

Rules

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. All articles exhibited must include a plan (with drawings or sketch or blueprints) stating dimensions and other critical instructions a builder would need to know how to build the project and 4-Her's name & county.
3. Plans may include narrative instructions in addition to the dimension drawings and include any alternations to the original plan.
4. Part of the score depends on how well the project matches the plans. If the plans are modified, the changes from the original need to be noted on the plans.
5. All plans used for making the article must be securely attached and protected by a clear plastic cover.
6. If the project (i.e. picnic tables, wishing wells, swings, chairs, bridges, doghouses, etc.) is designed to be used outside, it will be displayed outside.
7. **All outside projects MUST have entry tag and supporting information placed in a protective bag to prevent damage from weather events such as rain and be ATTACHED to projects with string, zip ties, etc.**

UNIT 1

*H911901 Woodworking Article **(SF91)** Item made using skills learned in Unit 1 manual.

*H911902 Woodworking Display **(SF91)** exemplifying one of the principles learned in Unit 1 project.

*H911903 Recycled Woodworking Display– **(SF91)** Article made from recycled, reclaimed or composite wood. Article must be sanded and sealed and utilize one or more woodworking techniques from page 2 of the Unit 1 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the engineering design process was used to develop the woodworking plan.

Engineering Design Process

1) State the problem (Why did you need this item?)
2) Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?
3) Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
4) Build the item (What was your woodworking plan, and what processes did you use to build your item?)
5) Evaluate (How does your item solve the original need?)
6) Present results (How would you do this better next time?)

UNIT 2

*H911904 Woodworking Article (SF91) Item made using skills learned in Unit 2 manual.

*H911905 Woodworking Display (SF91) Display exemplifying one of the principles learned in Unit 2 project.

*H911906 Recycled Woodworking Display (SF91) – Article made from recycled, reclaimed or composite wood. Article must be sanded and sealed and utilize one or more woodworking techniques from page 2 of the Unit 2 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the engineering design process was used to develop the woodworking plan.

Engineering Design Process

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)
3. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
4. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
5. Evaluate (How does your item solve the original need?)
6. Present results (How would you do this better next time?)

WOODWORKING – STATE FAIR ELIGIBLE

H911007 - Woodworking Article - (SF91) Item made using skills learned in the Finishing It Up Project. Examples include: dovetailing, making a pen using lathe, overlays, using a router, etc. Item is required to be appropriately finished.

H911008 - Recycled Woodworking Display - (SF91) Article made from recycled, reclaimed or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the design and engineering process was used to develop the woodworking plan.

Engineering Design Process:

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)
3. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
4. Reason for article finish (What type of finish, how did you finish or why you choose this finish?)
5. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
6. Evaluate (How does your item solve the original need?) 7. Present results (How would you do this better next time?)

H911001 Woodworking Article - (SF91) - Item should be made using either joints, hinges, dowels, or a dado joining made using skills learned in the Nailing It Together manual. Item is required to be appropriately finished. Examples include: bookcase, coffee table or end table.

H911003 Recycled Woodworking Display - (SF91) – Article made from recycled, reclaimed or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page two of the Unit 3 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the engineering design process was used to develop the woodworking plan.

Engineering Design Process

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)
3. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)

4. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
5. Reason for article finish (What type of finish, how did you finish or why you choose this finish?)
6. Evaluate (How does your item solve the original need?)
7. Present results (How would you do this better next time?)

H911004 - Composite Wood Project - (SF91) - 60% of the project must be wood and 40% made from other materials such as metal, rubber, resin, etc. All plans and plan alterations must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside.

H911005 - Outdoor Wood Project made with Treated Wood - (SF1) - Treated wood projects DO NOT have to have a finished coating. All plans and plan alterations must be attached to the article. Protect plans with a cover. If project is designed to be outside. Examples include: picnic tables, planters, outdoor furniture, etc.

H911007 – Wood Projects created on a Turning Lathe - (SF98) - Article is the object created from spinning wood on a turning lathe. Article must be appropriately finished and/or sealed. Exhibit must include plans detailing design and process of completion, any changes made to the design, details of finishing techniques, and other relevant information about the article. Must include a description of tools used.

Welding
Premium: $3.50, $3.25, $3.00, $2.75

H92001 - Welding Joints - (SF281) - a display of one butt, one lap and one fillet weld.

1. All welds should be made with the same electrode/wire/rod size and number.
2. Welds should be made only on one side of metal so penetration can be judged.
3. Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
4. It is suggested that all welds be of the same size and thickness as metal. These pieces, referred to as coupons, should be 1 ½ to 2 inches wide and 3 ½ to 4 inches long. A good way to get this size is to buy a new cold rolled strap iron and cut it to length. The extra width is needed to provide enough metal to absorb the heat from the welding process and prevent the coupons from becoming too hot before the bead is completed. Narrower coupons will become very hot, making an average welder setting too cold at the bead start, just about right in the middle, and too hot at the end. The correct way to weld narrow strips is to make short beads and allow time to cool, however this project requires a full-length bead.
5. Stick welding: Suggested coupon thickness - ¼ inch if using 1/8 inch rod. Suggested rod-AC and DC straight or reverse polarity- first E-7014, second E-6013
6. MIG welding: Suggested coupon thickness - ¼ inch if using .035 wire and 1/8 inch if using .023 wire
7. Oxy-Acetylene: Suggested coupon thickness –1/8-inch. Suggested rod 1/8-inch mild steel rod

H92002 - Position Welds - (SF281) - a display showing three beads welded in the vertical down, horizontal and overhead positions.

1. It is suggested that all welds be of the same size and thickness of metal. These pieces are referred to as coupons. The welds can be on one coupon that is about 4 inches x 4 inches or on individual coupons that are about 2 inches x 4 inches and ¼ inch thick. Suggested rods for this class of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014

and E-6010 for DC reverse polarity only.
2. Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
3. 4-H Welding Project Tips and Suggestions: Class 3 & 4 1. All welds should be cleaned and protected from rust with paint or light oil. Plans are to be complete enough that if they were given to a welding shop, the item could be made without further instructions. Bill of materials should include a cost for all items used including steel, electrodes, paint, wheels, etc.

H92003 – Welding Art – (SF283) – any art created using tack welds to hold the metal pieces together (examples include horseshoe projects). Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have an appropriate outdoor finish.

H92004 - Welding Article - (SF282) - any shop article where welding is used in construction. 60% of the item must be completed by 4-H member and notes regarding laser welding or machine welding must be included. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have an appropriate outdoor finish because project may be displayed outside.

H92005 - Welding Furniture - (SF282) – any furniture with 75% welding is used in the construction. 60% of the item must be completed by 4-H member and notes regarding laser welding or machine welding must be included. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

H92006 - Plasma Cutter/Welder Design - (SF279) – Plasma cutters/welders allowed for detailed design(s) to butt cut into metal. 4-H members will create a notebook describing the design process to create the "artwork" to butt cut into metal. In the notebook include:

- A photo (front and back) of the finished project.
- Instructions on how the design was created (include software used), this allows for replication of the project.
- Lessons learned or improvements to the project.
- Steps to finish project.

H92007 - Composite Weld Project - (SF282) - 60% of the project must be welded and 40% made from other materials such as wood, rubber, etc. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have an appropriate outdoor finish because project may be displayed outside.

Robotics
Premiums: $3.00, $2.75, $2.50, $2.25

H861001 - Robotics Poster - (SF277) - Create a poster (28 inches X 22 inches) communicating a robotics theme such as “Robot or Not”, “Pseudocode”, “Real World Robots”, “Careers in Robots”, “Autonomous Robotics”, “Precision Agriculture” or a robotic topic of interest to the 4-H member.

H861002 - Robotics Notebook - (SF237) – Explore a robotics topic in-depth and present your findings in a notebook. Documentation should include any designs, research, notes, pseudocode, data tables or other evidence of the 4-H members learning experience. The 8.5 inch x 11 inches notebook should contain at least three pages. Topics could include a programming challenge, programming skills, calibration, sensor exploration, or any of the topics suggested in Class 1.

H861004 - Robotics /Careers Interview - (SF239) – Interview someone who is working in the field of robotics and research the career in robotics. Interviews can either be written or in a multimedia format (CD/DVD) such as a short video uploaded to a cloud sharing service. Include a QR code with your project to allow for judging access. Multimedia reports should be between three to five minutes in length. All digital exhibits must be uploaded according to the guidelines and by the deadline listed in the department rules. Written interviews should be in a 8.5 inch x 11 inch notebook. Written reports should be three to five pages, double spaced, 12-point font, and 1" margins.

H861005 - Robotics Sensor Notebook - (SF239) – Write scratch code which includes at least three sensor activity. Include the code written and explain the code function. Codes can be submitted as a multimedia format uploaded to a cloud sharing service. Include a QR code with your project to allow judging access. Multimedia presentations should be three to five minutes in length. State Fair qualified digital exhibits must be uploaded according to the guidelines and by the deadline listed in the department rules.

H861007 - Kit Labeled Robot (cannot be free programmed) and Notebook - (SF243) – This class is intended for explorations of robotic components such as arms or vehicles OR educational kits marketed as robots that do not have the ability to be programmed to "sense, plan and act." The exhibit should include a notebook with the robot the youth has constructed. Included in the notebook should include:

1. a description of what the robot does
2. pictures of programs the robot can perform
3. why they chose to build this particular form
4. how the problem solved any issues they might have had during building and programming.

A picture story of assembly is recommended. If a robot is more than 15 inches wide and 20 inches tall it may not be displayed in locked cases at the Nebraska State Fair. If the robot is too large, we recommend you create a video of how your robot works. We recommend that you submit the project under class H861003 – Robotics Video in the Robotics Showcase.

H861008 - 3D Printed Robotics Parts - (SF1050) - This class is intended for 4-H members to create parts through 3D printing, that help create their robot or aid the robot in completing a coded function. Project should include a notebook describing the process used to create the project, describing the success of your designed piece (did it work), intended use of the product and the modifications made to the item.

Entomology
Premiums: $2.50, $2.25, $2.00, $1.75

Entomology exhibits give 4-H members the opportunity to demonstrate their knowledge about insects and insect displays. This category has multiple projects that allow 4-H members to progress over numerous years. For help getting started with this project contact your county extension office.

Department Rules

1. Specimens in display collections should be mounted properly and labeled with location, date of collection, name of collector, and order name. Follow mounting and labeling instructions in the Nebraska 4-H Entomology Manual. Boxes are preferred to be 12 inches h x 18 inches w, and landscape orientation, so they fit in display racks. Purchase of commercially made boxes is allowed. All specimens are to be pinned and labeled by the exhibitor. No purchased specimens allowed.

2. No projects over 50 pounds allowed.

3. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. Exhibitors may, and should, correct and update collections for competition at the State Fair.

H800001 Entomology Display, First-Year Project (SF186) **-Collection to consist of 25 or more different kinds (species) of insects representing at least six orders. Limit of one box.**

H800002 Entomology Display, Second-Year Project (SF186)- **Collection to consist of a minimum of 50 kinds (species) of insects representing at least eight orders. Replace damaged or poorly mounted specimens. At least 25 species must be present and dated after July 1 of the previous year. Limit two boxes.**

H800003 Entomology Display, Third-Year or More Project (SF186) - **Collection to consist of a minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present and dated after July 1 of previous year. Limit of three boxes.**

H800004 Special Interest or Advanced Insect Display (SF187) - **Educational display developed according to personal interests and/or advanced identification capability. This is also an opportunity to highlight favorite insects in a creative arrangement. Insects should conform to pinning and mounting standards as in Classes 1-3 and be protected in an insect box. Each specialty display should include names of the insects, interesting information about them, and why the display was made. Advanced identification collections should have insects grouped with labels that correspond with identification level (e.g. family, genus, species). A specialty collection may consist of insects by taxonomic group (e.g. butterflies, grasshoppers, dragonflies, scarab beetles) or by host, subject, or habitat (e.g. insect pests of corn, aquatic insects, insect mimicry, insects galls, insect from goldenrod, insect pollinators. etc.).**

H800005 Insect Habitats (SF188) - **Habitats consist of any hand-crafted objects, made of natural or artificial materials, to be placed outdoors, which promote or conserve insects in the environment. Insects may include bee pollinators, butterflies, beneficial insects, etc. A one-page report describing activities must accompany the exhibit. Report should include placement, target insect, why materials were chosen, functional design, and indicators of success. See the following resources for reports:**

- **Nebraska Extension NebGuide: Creating a Solitary Bee Hotel (G2256)**
- **University of Minnesota: Wild Bees and Building Wild Bee Houses**
- **National Wildlife Federation: How to Provide Water in Monarch Gardens**

H800006 Macrophotography (SF189) - **Subjects should be insects, spiders or other arthropods, or any nests, webs or constructions they make. All exhibit prints should be either 8 inches x 10 inches or 8.5 inches x 11 inches and mounted on rigid, black 11 inches X 14 inches poster or mat board. Either orientation is acceptable. No frames or mat board framing is allowed. A caption of a few sentences should explain the subject and be printed on white paper and glued below the print on the poster board.**

H800007 Insect Poster/Display Exhibits (SF190**) - Exhibits can be posters or three-dimensional displays, and artistic creativity is encouraged. Posters should be no larger than 22 inches x 28 inches. They should be instructional and can be attractive and have pictures, drawings, charts, or graphs. Posters and displays may show any aspect of insect life, habitat, or related conservation or management. Examples include life history and other facts about an insect; insect anatomy; how to manage insects in a farm, home, lawn, or garden setting; experiences rearing one kind of insect; survey of an important insect; insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers, or lakes) and what insects are found there, etc. Three-dimensional displays, such as dioramas, sculptures, models or decorative boxes should have a page of explanatory information accompanying them**
and fit within a 22 inch x 28 inch area.

H800008 Reports or Journals (SF191) **- Reports and journals should be in a three-ring binder. A report may be informational, that is, an original article about a favorite insect, a history of insect outbreaks, diseases caused by insects, insects as food, etc. Or, it may be a research report about an investigation or experiment done in a scientific manner. It then should have a basic introduction of the insect studied, methods used, observations, and results of the project. Tables, graphs and images are helpful to include. A journal is an observational study over a period of time with personal impressions. It may cover watching changes in kinds of butterflies over the summer, rearing a specific insect from egg to adult, managing a beehive, observations of insects in a specific habitat, accounts of insect behavior in a forest or flower garden, etc.**

Veterinary Science
Premiums: $2.50, $2.25, $2.00, $1.75

The purpose of a Veterinary Science exhibit is to inform the public about a common health problem of animals, a veterinary science principle or public health/zoonotic diseases.

Department Rules

1. A Veterinary Science exhibit may consist of a poster, notebook or a display. The exhibit may represent material from any of the Veterinary Science projects including entry level exhibits from Unit I.

2. If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone. Graphic photographs of excessive bleeding, trauma or painful procedures are not appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, use of drapes, use of sterile procedures, wearing of gloves and other appropriate veterinary medical practices.

3. First-Aid Kits: Because of public safety concerns and risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse, animal first aid kits containing any drugs, medications, or sharps (including needles and scalpel blades) will be disqualified and not displayed. First Aid kits wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer generated print-outs or empty packaging of pharmaceuticals.

4. Veterinary Science Posters - This exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22 inches x 28 inches and may be either vertical or horizontal.

5. Veterinary Science Displays - A display may include but is not limited to: a three-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22 inches x 28 inches or on 1/4 inch plywood or equivalent that does not exceed 24 inches high or 32 inches wide or in a three-ring binder or another bound notebook format. Formaldehyde preserved specimens will not be accepted due to biohazard and public health concerns.

H840001 4-H Veterinary Science Large Animal Poster, Notebook, or Display (SF119)

H840002 4-H Veterinary Science Small Animal/Pet Poster, Notebook, or Display (SF119)

Rules

1. Appropriate Veterinary Science Topics:

- **Maintaining health**
- **Specific disease information**

- **Photographic display of normal and abnormal characteristics of**
- **animals**
- **Animal health or safety**
- **Public health or safety**
- **Proper animal management to ensure food safety & quality**
- **Efficient and safe livestock working facilities**
- **Or a topic of the exhibitors choosing related to veterinary**
- **medicine or veterinary science**

*** <u>Remember, since these are science displays, all references and information needs to be properly cited.</u> Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with Veterinarians and excerpts from Veterinary Educational Literature.** ***Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.***

DEPARTMENT L
CLOVER KIDS

$0.50 Participation Ribbon per entry
(non-competitive judging)

Clover Kids is the officially recognized program in Nebraska for children under the age of 8. The program is designed to provide 5- to 7-year-olds a variety of educational and recreational experiences in a noncompetitive environment. Clover Kids provide an excellent opportunity for y outh to achieve his/her highest potential because early life experiences affect future development. The primary goal is to promote the child's stages of development – intellectually, physically, socially, and emotionally: Develop Self-Esteem; Decision Making Skills (making positive choices); Comprehensive Skills (learning how to learn; positie attitudes toward learning); Mastering Physical Skills (enjoying constructive and creative play); Social-Interaction Skills (getting along with others); Diversity Skills (acceptance of others; exploring family and community relationships).

General Clover Kids Rules:

1. Open to any youth enrolled in the Polk County Clover Kids 4-H Program who turn age 6, 7, or 8 during the current calendar year.

2. Posters or Drawings maximum size is 8 1/2" x 11" unless otherwise stated

3. The Clover Kid's name, age, full address and club name must be on the back of the poster or securely attached to each exhibit when entered at the Polk County Fair.

CLOVER KIDS, ACTIVITIES

L028001 Performing Arts Show

L028002 Public Speaking **– Length of Speech: Under 1 minute – Read a poem, story, speech**

L028003 Presentation Contest **–** "Show and tell", length under 1 minute.

L028004 Culinary Challenge **(formerly Company's Coming)**

L028005 Horticulture Judging Contest

L028006 Fashion Show

FOOD AND NUTRITION - MAKING FOOD FOR ME

L028007 Making Food For Me Placemat - Colored and decorated. Lamination or protection with clear contact paper advised. (Center page in Making Food for Me project book)

L028008 Food Cards - Neatly cut and colored Food Cards, in self-sealing plastic bag or other secure container. (Pages 67 - 69 Leaders Guide).

L028009 Grain Collage - Neatly cut and pasted pictures of grains cutout and displayed on collage. (Page 40 Leaders Guide).

L0280010 Dairy Tasting Party - Completed Dairy Tasting Party form from Project Book (Page 17). May be copied or cut from manual.

L028011 Protein Collage - Neatly cut and pasted pictures of protein sources and foods displayed on collage. (Page 53 of Leaders Guide).

L028012 Healthy Snack Mix (Any recipe) – At least 1 cup of snack mix in self-sealing bag.

L028013 Healthy No-Bake Cookie (Any Recipe) – Four (4) on a small paper plate

L028014 Cookie (Any Recipe) – Four (4) on a small paper plate

L028015 Poster or Food Type Mobile

L028016 Other Food and Nutrition

CITIZENSHIP - FAMILY CELEBRATIONS AROUND THE WORLD

L028017 Mexican Pinata - Attached to clothes hanger.

L028018 USA Collage - Find various old magazine and pictures that describe the United States. Pictures can be cut out and glued to construction paper shaped like the United States.

L028019 Photo Memory Book or Single Scrapbook Page

L028020 …… Family Celebration Mini-Poster - **On** 8 1/2 x 11 paper or card stock, design a mini-poster about a family celebration

L028021 Other Citizenship

OUTDOOR DISCOVERY - JUST OUTSIDE THE DOOR

L028022 Picture of a Weather Condition and Best Clothing to Wear - Members may choose to draw, color and/or include additional information of their choice with the picture.

L028023 An Insect Jar or House - a homemade or purchased kit to create a bug collection jar or insect house

L028024 Plant Grown From a Seed

L028025 Picture or Other Item Made From Nature Materials - Include a feather with a drawing of the bird it came from. Members may choose to draw, color and /or include additional information of their choice with the picture.

L028026 Clay Insect Model – Model of their favorite insect can use playdough, but please put in a container to protect from public.

L028027 Bird Feeder

L028028 Home Windchime or Rain Gauge

L028029 Other Outdoor Discovery

COMMUNICATION & EXPRESSIVE ARTS

L028030 Homemade Puppet

L028031 Photography Exhibit – Maximum 81/2 x 11

L028032 Watercolor or Other Painting - Maximum 81/2 x 11

L028033 Other Communications & Expressive Arts

FAMILY & CONSUMER SCIENCE

L028034 Decorative Storage Box or Container

L028035 Fleece Pillow or Blanket

L028036 Recycled Item

L028037 Decorated Picture Frame

L028038 Decorate a T-Shirt

L028039 Other Family & Consumer Science

CLOVER KIDS CREATIONS

L028040 Clover Kids Creations - Up to FIVE exhibits may be entered by the Clover Kid using the medium of choice. Please see the Polk County Clover Kids Newsletter for more information on eligible exhibits. Pictures colored from coloring books, etc, and brought in without being mounted will not be allowed. No scribbles, please!

AEROSPACE - PRE-FLIGHT

L028041 Rocket Picture - Draw and color a picture of your rocket. Label the three main parts - fins, body tube and nose cone.

L028042 Airplanes and Birds - Draw and color a picture of your favorite bird and favorite airplane.

L028043 Edible Rocket - Build and display a rocket that can be eaten

L028044 Space Helmet - Make and display a space helmet

L028045 Paper Airplane - Make and display a paper airplane, which will fly.

L028046 Other Aerospace

SAFETY

L028047 Bicycle Safety Poster

L028048 Fire Exit Plan Poster

L028049 Hand Signals - A bicycle poster showing the correct road hand signals

L028050 Emergency Phone Number Card

L028051 First Aid Kit

L028052 Other Safety

PERSONAL DEVELOPMENT

L028053 Homemade Stress Reliever

L028054 Uniqueness Poster - A poster that illustrates your uniqueness.

L028055 Family Collage - Find various pictures and glue to construction paper with activities your family likes to do together

L028056 Other Personal Development

HORTICULTURE

L028057 State Special Gardening Project **Display –** Can be a flower, vegetable, picture or poster of the project.

L028058 .Vegetables - Clover Kid may enter up to two displays of vegetable or that they have grown in their garden. Place on an appropriate size plate.

L028059 .Flowers - Clover Kid may enter up to three vases of flowers or one houseplant that they have grown in their garden or house.

L028060 Patio Container Garden – Clover Kids may exhibit one patio container garden that they have planted themselves.

L028061 Other Horticulture

EXPLORING ANIMALS

Please see Polk County Clover Kids Newsletter for times and dates of shows at the Polk County Fair.

L028062 My Farm Animals Poster - A poster (8 ½" x 11") entitled "My Farm Animals". Clover Kids may choose to draw a picture of one or more farm animals they have learned about through this project on the poster.

L028063 Animal Care Collage - **Size (8 ½" x 11") -** The Clover Kids should include magazine pictures or drawings of one farm animal or pet, what they eat, what their shelter is and the equipment necessary for caring for this animal. More information can be found on page 16 of the Project Helper's Guide.

L028064 Other Animal Science

L028065 Clover Kids Dog Show

L028066 Clover Kids Rabbit Show

L028067 Clover Kids Poultry Show

L028068 Clover Kids Swine Show

L028069 Clover Kids Lamb Show

L028070 Clover Kids Goat Show

L028071 Clover Kids Bucket Calf Show

L028072 Clover Kid Small Animal Show

I WISH I HAD A HORSE

L028074 Horse Hands - A poster of themselves showing how many hands tall they are. The 4-H'er may choose to use a drawing of themselves or a photograph.

L028075 My Horse - A poster entitled "My Horse". Clover Kids may choose to draw a horse from memory or use a picture of a horse to create their drawing.

L028076 "Show" Stick Horse - The Clover Kids may choose to enter a stick horse they have made using any pattern either of paper or any fiber source. Stick horse that is exhibited in Activities Center CAN NOT be used in the Stick Horse Barrel Races or Pole Bending.

L028077 Racing Horse - A poster drawing showing your horse doing the barrel race or pole bending.

CLOVER KID CREATIONS

L028078 Any Item Made at a Polk County Clover Kids Workshop or Camp - May enter as many items under this class as workshop/camp items they made

CLOVER KID ICE CREAM ROLLING

L028079 Clover Kids Ice Cream Rolling Contest