2024 CHERRY COUNTY 4-H FAIR PREMIUM BOOK

For all your 4-H forms, information and the online Premium book with active links go to:

https://extension.unl.edu/statewide/cherry/cherry-county-fair-events-resources/

Coming Deadlines and Event Dates

May 15th Special Foods Pre -Entry form due

June 3rd Livestock ID & Horse ID Deadline (if competing at State Horse Show, Levels Testing and Entries are **due June 1st**)

June 15th State Fair Livestock Nominations Due

June 15th Enrollment Deadline for new and returning youth. Enrollment Deadline for ALL leaders (should be re-enrolled prior to working with youth)

June 28th Clothing Day pre-entry forms due

July 15th Fair Pre-entries, Horse Levels Testing for County Fair, and Quality Assurance Training due

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2024 CHERRY COUNTY 4-H FAIR PREMIUM BOOK

Welcome 4-H members, parents, leaders, and friends to the Cherry County Fair and the associated activities and contests. To the youth, fairs mean exchanging friendships and new adventures, families working together, and recognition for individual and team efforts and evaluation feedback.

All 4-H exhibits at the County Fair are products of the 4-H member's participation in 4-H programming. We invite you to visit the 4-H exhibits and participate in programs and activities.

The following is a list of the 4-H Council and the County Ag Society members in Cherry County. The Ag Society has the responsibility for the overall planning and operation of the County Fair and the associated activities. The 4-H Council plans and organizes the 4-H activities during the Fair in cooperation with the Ag Society.

CHERRY COUNTY 4-H COUNCIL		CHERRY COUNTY AG SOCIETY	
Connor Barnes	President	Andy Dawson	President
Sherry Slagowski	Vice President	Jon Kime	Vice President
Laura Willert	Treasurer	Justin Hartman	Treasurer
Byron Burdick		Bailie Mills-Burris	Secretary
Tami Danielski	Secretary	Josh Delaney	Director
Katie Garwood		Duane Witte	Director
Shalee Arendt		Clete Sheer	Director
Kari Sage		Byron Burdick	Director
Pat Pier		Shalee Arendt	Director
Bodell Bachelor		Regan Jerred	Director
Amanda Jones		Brandon Kenner	Director
Ella Brennamenn	Youth Member		
Wesley Willert	Youth Member		

Cherry County 4-H Committee Members: See our website at Nebraska Extension in Cherry County | Nebraska Extension (unl.edu)

CHERRY COUNTY 4-H FAIR & GENERAL CLASS RULES

A   The 4-H Youth Development program abides by the nondiscrimination policies of the University of Nebraska-Lincoln and the United States Department of Agriculture.

B   CHERRY COUNTY 4-H AGE REQUIREMENTS: 4-H age is determined by the age of the member on January 1st of the current year. 4-H members must have reached their 8th birthday and the last year of eligibility is the calendar year the member becomes 19. 4-H age classifications are: (unless otherwise noted)

<div align="center">

Clover Kids 5-7   Junior 8-10
Intermediate 11-13   Senior 14 and up
Age categories may vary for certain State competitions.

</div>

C   **Clover Kid Members**
See index for the page number of guidelines and project list. Clover Kids can participate in some selected 4-H activities. Clover Kid fair entries are exhibited for participation only and are not judged competitively. Clover Kids do go through the interview judging process. Participation ribbons will be given. Clover Kids may exhibit some small livestock at the 4-H Fair. Included are any animal under 350 pounds if enrolled in the appropriate Clover Kid project. They may also show small animals in the Clover Kid Companion Animal Show and Tell.

D   Exhibit and Entry Requirements

   1   No limit on exhibits unless otherwise designated. State Fair does have limited exhibits.
   2   Exhibits must represent the exhibitor's own work accomplished since the start of the current year. Exhibits previously entered in the Cherry County 4-H Fair, Cherry County Open Class or any other fair are not eligible to be re-entered. Exhibits cannot be entered in both Open Class and 4-H. No incomplete exhibits will be accepted. Any exhibit not meeting specific requirements in the premium book will be lowered one ribbon placing. Any article entered as a 4-H exhibit must have been completed as a 4-H project and not used as a project for any other organization.
   3   Participants must be enrolled by June 15 to exhibit at County Fair.

E   Class numbers followed by an "L" are County Fair exhibits ONLY.
   There are no State Fair classes available for these exhibits.

F   Judging of Exhibits
   1   All static exhibits in the 4-H Exhibit Hall will be interview judged. The ability to present to the judge information about the process of working through the 4-H project is considered a necessary component of completing the project. Extenuating circumstances will be reviewed before the 4-H Council.
   2   Exhibits will be judged according to their merit and receive appropriate color ribbons. Purple will denote a superior exhibit. Blue will denote an excellent exhibit, and red will denote a good exhibit. White will denote an exhibit that needs improvement. Exhibits must be purple quality to receive a trophy or to be named champion or reserve champion..
   3   A judge's decision is final. Complaints must be registered in writing with the Protest Committee. (See Protest Committee section.)

G   Premiums- County Fair premiums are paid by the Cherry County Agricultural Society. Checks are mailed from the Extension Office after the fair. Unless otherwise noted with the class information, premium amounts for ribbons awarded are:

   Purple = $5.00   Blue = $4.00   Red = $3.00   White = $2.00

H   State Fair
   1   Only exhibits awarded a 4-H purple ribbon at County Fair are eligible to compete at State Fair, unless specified differently in the State Fair Premium Book.
   2   State Fair Exhibitor Rules include: 4-H'ers 8 years old (January 1 of the current year) are eligible to exhibit static items at State Fair. In classes where the presence of the 4-H'er is required, such as animal exhibits, contests, and fashion revue, a 4-H'er must be 8 years old, 4-H age, unless otherwise stated. The last year of eligibility is the calendar year the member becomes 19. See the State Fair rules for specific details.
   3   It is the responsibility of State Fair Entrants to obtain more detailed, current State Fair rules and policy information for State Fair exhibits or contests. This information is available online at http://4h.unl.edu/fairbook
   4   4-H members must arrange for the transport of large items to and from State Fair.
   5   In addition to a variety of Livestock-related contests (see Department Livestock & Animal, Guideline O), State Fair offers the opportunity for 4-Hers to participate in other shows and contests. These include Dog, Companion Animal, Rabbit, and Poultry shows, Dog Skillathon, Horticulture ID Contest, Robotics Mission Contest. Please check with Extension Office for entry information and deadlines. Information can be found at http://4h.unl.edu/fairbook

I   Dress Code - Each 4-H member taking part in the 4-H livestock, horse, dog, shooting sports, and small animal exhibits must wear dark or blue denim jeans, an official Cherry County 4-H T-shirt, or a white shirt. Arm bands are no longer required with white shirts. Boots or hard-soled shoes should be worn for horse and livestock projects. Exhibitors in sheep and small animal projects must wear appropriate footwear. No hats, caps, or other types of headgear are to be worn in the show ring, except for horse exhibitors. There are additional dress code requirements for participation in the Horse Show & for Shooting Sports. Refer to 4H373, Nebraska 4-H Horse Show and Judging Guide. State Fair may require different dress codes than County Fair. Review those requirements prior to showing at State Fair.

J   Animals
   1. Animals must be properly tagged with 4-H ear tags and have proper 4-H IDs filed with the Extension Office by dates SHOWN IN DEPT. LIVESTOCK & ANIMALS, ITEM C
   2. Animals shown in 4-H may be shown in Open Class but are not eligible for Open Class premiums.
   4-H members and horses may participate in both the 4-H and Open Horse Shows.

   3. See additional rules under Dept. Livestock & Animals.

K   **Protest Committee** - the respective committee has the authority to make appropriate decisions based on the 4-H Premium Book. When needed, a committee shall be appointed to serve as a protest review group. They will meet when needed to act upon concerns. All protests must be submitted in writing and signed. The written protest must be submitted to the 4-H Council and must include:

> Names of persons involved
> Nature of concerns
> Situation and documentation
> Recommendations for correction
> Specific action, rule, etc., in question
> Additional persons committee may contact for further clarification
> Procedures and/or steps carried out by the person involved prior to submission of the protest to the 4-H Council.

The Committee will review the written protest. They may discuss the situation with affected persons and show officials, including the Cherry County Ag Society management. Recommendations will be developed, followed, and communicated both verbally and in writing to the group or individual affected. In cases of protest, the exhibitor may be allowed to show, but the results of showings will be subject to change based on the outcome of the protest process. This allows for the smooth operation of the show and facilitates appropriate processing. The 4-H Council reserves the right to withhold premiums and/or awards. The exhibitor may be excluded from the show if action warrants. Protests will not be accepted after the exhibit is released from the Fair. Protests related to judges' integrity, decisions, placings, or other evaluations will not be accepted.

L   **Disclaimer of Responsibility for Exhibits at Fair -** Exhibitors are requested to pay particular attention to their article or animal on exhibit and at the close of the fair take charge of the same. The Cherry County Agricultural Society and the Cherry County Extension personnel will take every precaution for their safekeeping but will not be held responsible for any damage or accident that may occur. Exhibitors will be held responsible for any damage or accident which may be caused by their entries.

M   **Substance Abuse -** Use or possession of alcoholic beverages or drugs (except for medical purposes) by any exhibitor who is participating in 4-H at the Fair will result in immediate disqualification of that exhibitor's entry.

N   **Situations Not Covered By the County 4-H Rules -** will be governed by the State 4-H Rules and Policy Handbook.

Special Cherry County Recognition Category
Niobrara National Scenic River 4-H Connections

Open to any 4-H member, including Clover Kids. A partnership effort with the National Park Service. Contact (402) 376-1901 or stop at the Visitor Center at 214 W Highway 20, Valentine, NE for additional resources. Website: https://www.nps.gov/niob/index.htm.

An application form MUST accompany each entry during interview judging at the Cherry County Fair (see below).

Prizes:
- **In addition to a regular 4-H ribbon and premium, all 4-H members and Clover Kids exhibiting in this special category will receive a commemorative Niobrara National Scenic River ribbon.**
- **The top 3 exhibitors ages 8-18 (must receive a purple ribbon) will receive a Niobrara National Scenic River Special Prize.**
- *(Keep in mind that any project without an "L" designation next to the number is eligible for State Fair.)*

Many traditional exhibits can incorporate learning about the Niobrara National Scenic River – use the Outstandingly Remarkable Values (see https://www.nps.gov/niob/learn/index.htm or contact NPS at the number above to receive print material) as a guide! "Important Values" such as culture and heritage can also be incorporated into projects. Here is a list of projects that would be easy to align with Niobrara National Scenic River values, but if you have an idea not listed here, please contact the Extension Office at 402-376-1850.

Citizenship

A120002 - Citizenship Game (Leave No Trace tips for rivers, trails, etc.)

A120004 - Public Adventures Scrapbook (Document a service learning activity related to the river)

A120005 - Public Adventures Poster (Document a service learning activity related to the river)

A120006 - Written or Recorded Stakeholder Interview

A120007 - Written Citizenship Essay

A120008 - Oral Citizenship Essay

A130001 - Cultural Fine Arts (Culture past or present along Niobrara River)

A130004 - Family History (Highlight history unique to the river and settlement)

Heritage

A1010008/A1020008 - Story or Illustration About a Historical Event

A1010009A1020009 - Book Review About Local, Nebraska, or Regional History

A101010/A102010 - Other Historical Exhibits

A102011 Exhibit - Depicting the Importance of a Community or Nebraska Historic Landmark

A102012 - Community Report Documenting Something of Historical Significance From Past to Present

Photography

All Classes

Child Development

C200007 - Activity with a Younger Child (How can you engage a child ages 0-8 in learning about nature, particularly related to the Niobrara River and its ecosystems?)

C200009 - Family Involvement Entry

Quilt Quest

C229020 - Quilt Design Other Than Fabric

All Quilted Exhibits

Home Environment

Accessory Classes in Design Decisions

Furniture Classes in Design Decisions

Design My Place Accessory Project

Visual Arts

All Sketchbook Crossroads Classes

All Portfolio Pathways Classes

Conservation & Wildlife

Any project, any class

Forestry

All classes

Youth in Motion

01L - Youth in Motion Poster, Scrapbook, or Photo Display (involvement in physical activity on or along the river)

Computers

Most classes, consider how to incorporate both a youth theme and a Niobrara theme – contact the Extension Office for assistance.

Woodworking

All classes

Entomology

All classes

Geospatial

H88000 - 4-H Favorite Places or Historical Site Poster

H880003 - GPS Notebook

Clover Kids

61L - Just Outside the Door

64L - A Space for Me (Décor with Niobrara theme)

Niobrara National Scenic River – Application for Special Recognition
<u>Must</u> be presented with a project at Cherry County Fair Interview Judging Day.
Will be shown along with your project in the exhibit hall.

Name: _____

Department: _____   Class: _____

Which "Outstandingly Remarkable Value" Does Your Project Align With? (See
https://www.nps.gov/niob/learn/index.htm)
_____ Fish & Wildlife   _____ Free-Flowing Condition/Water Quality _____ Geologic
_____ Palaeontologic   _____ Recreational   _____ Scenic

Some projects may align better with an "Important Resource or Value":
_____ Historical   _____ Cultural

How did you engage in learning about the Niobrara National Scenic River through this project?
_____

_____

_____

_____

What are some resources you used?
_____

_____

How do you have a better appreciation for the Niobrara National Scenic River after completing this project?
_____

_____

_____

_____

Agronomy

The purpose of these exhibits is to demonstrate to the public the benefits of 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.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hagronomy.

Divisions

Field Crops

Class

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 biodiesel, 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 youth to investigate a career in agronomy. Youth 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.

Rules

1. Grain or Plant Exhibits - Classes 1-5

- A completed Crop Production Worksheet (available at https://cropwatch.unl.edu/Youth/Documents/Crop%20Production%20Project%20Worksheet%20Final.pdf) must accompany grain and plant exhibits or it will automatically be deducted one ribbon placing. The worksheet must include the exhibitor'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 exhibitor, or it will be deducted 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 the 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 appropriately 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 3 stalks (cut at ground level with no roots or soil and bound together)
- Grain Sorghum - 4 stalks (cut at ground level and bound together)
- Soybeans - 6 stalks (cut at ground level and bound together)
- Small grains (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tie with stems about 24 inches long.
- Other crops (alfalfa, millet, etc.) - sheaf of stems 3 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 wide by 28 inches tall on plywood or poster board.
- The display should be neatly titled. Make sure to label the display with the exhibitor's name, address, and county on the backside. 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 exhibitor chose the area of the display and what they learned from their project. Include any references used.
- The essay should be in a clear plastic cover with the exhibitor's name outside.
- If a display does not have an essay, it will automatically be deducted one ribbon placing.

3. **Special Agronomy Project -** Youth 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 determining the 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 youth on a first, come – first serve basis. A different seed will be selected every year.
Youth will grow seeds in their garden or pots. Written resources and materials will be available for youth, in addition to virtual, live, or recorded videos/field trips.
Youth will be eligible to enter an exhibit at both the county and/or state fair in the agronomy project area.

Special Agronomy Project

Class

G750011 - **Special Agronomy Project** - **Educational Exhibit** (SF259)- Educational exhibit based on what was learned from the project. Present information on a poster 14 inches X 22 inches either in 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. Refer to Scoresheet SF259 Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of the display and what they learned from their project. Include any references used.

G750012 - **Special Agronomy Project** -**Video Presentation** - 4-H exhibitor 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 2 minutes in length and no more than 5 minutes in length, with appropriate graphics, sound, and either a video clip, animation, or voiceover, and/or original video clip. Any of the following file formats will be accepted: mp4, .mov, .ppt, or .avi. Email a link of the video to the superintendents to anygren2@unl.edu or brandy.vandewalle@unl.edu by August 10th.

G750013 - **Special Agronomy Project** - **Freshly Harvested Crop** - 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 3 stalks (cut at ground level with no roots or soil and bound together)
> **Grain Sorghum** - 4 stalks (cut at ground level and bound together)
> **Soybeans** - 6 stalks (cut at ground level and bound together)
> **Small grains** (oats, barley, wheat, triticale) – a sheaf of heads 2 inches in diameter at a top tie with stems about 24" long.
> **Other crops** (alfalfa, millet, etc.) – a sheaf of stems 3 inches in diameter at the 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 the 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 the exhibit.

Rules

The crop of the year for **2024** is **Sugar Beets**.

Weed Science

Class

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, salt cedar, 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 7 perennials, 1 biennial, and 7 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.

Rules

1. At least 15 of the specimens must represent this year's work. For assistance identifying plants, participants can use the Nebraska Department of Agriculture's Weeds of Nebraska and the Great Plains (1994) or Weeds of the Great Plains (2003).

2. **Books - Classes 1-2:**

   A. Plants must be mounted on sheets that are no larger than 14" wide by 14" high. 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.

   B. Exhibits will be judged based on the completeness of plant mount, the accuracy of identification, label, neatness, and conformity to exhibit requirements. Refer to Scoresheet SF261.

   C. 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:**

   A. 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" by 28" on plywood or poster board. The display should be neatly titled.

   B. Make sure to label the display with the exhibitor's name, address, and county on the backside. Explain pictures and graphs clearly and concisely. Refer to Scoresheet SF259.

   C. Each display must have a one-page essay explaining why the exhibitor chose the area of the display and what they learned from their project. Include any references used.

   D. The essay should be on a clear plastic cover with the exhibitor's name outside.

Citizenship

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'ers 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. Supporting Material: All entries must have a statement explaining:

A. The purpose of the exhibit.

B. Exhibitors are encouraged to show evidence of their personal experiences, study, or observations that relate to their exhibit. This helps the judges understand what the 4-H'er did and learned in the process that led to the exhibit.

C. References - All exhibitors should reference material sources or supporting information used in exhibits (i.e., if questions from a game were taken from an outside source, they must be referenced).

D. Identification - All entries should be labeled with the exhibitor's name, club, and county.

Scoresheets, Forms, and Contest Study Materials

Project Materials - The official reference for the citizenship projects is Citizenship Public Adventures Kit (MI 7329) and Citizen Guide's Handbook (BU 7330). Other helpful citizenship references include Citizenship Washington Focus guides, Character Counts! and Service-Learning Information.

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hcitizenship.

Divisions

Citizenship

Class

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, PowerPoint, or another multi-media program to tell about the PROCESS of developing and giving a care package to a service organization. PowerPoint should be saved to a USB/thumb drive. You need to 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 package 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 backpacks for school supplies, litter pans for animal shelter items, suitcases for abuse shelters or homeless shelters, etc.

A120002 - Citizenship Game -(SF182) - which could include but is not limited to symbol flashcards, 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 inches x 16 inches.

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 inches x 28 inches.

A120006 - Written or Recorded Stakeholder Interview - (SF182) - should follow the outline found in the Public Adventures Curriculum. It may be written or recorded. Recordings should be saved as a .wav or .mp3 file; a USB/thumb drive will be accepted.

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 is allowed. All essays should be saved as a .wav or .mp3 file; a USB/thumb drive will be accepted. 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.

Club Exhibit - Not Eligible for State Fair

Premium: P = $10.00 B = $8.00 R = $5.00 W = $3.00

Class

8001L – Club Exhibit - This is an exhibit that will be displayed outside on the County Fairgrounds and not in the 4-H Exhibit Hall. Examples of this are decorated hay bales, decorated and planted flower barrels, decorated trash barrels, etc. Make sure these exhibits are weatherproof. They also need a weatherproof sign on the display indicating the club name and county. The 4-H Council will pay a $25 incentive to each club participating. The club is responsible for bringing the exhibit to the County Fairgrounds, setting it up, and taking it down. This will not be the responsibility of the county staff.

Seeing i2i

Class

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 - (SF183) - 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, etc.)

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)- 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.

Resources

Citizenship

Discover your own family genealogy; Expand your cultural knowledge; Explore different cultures and ways of thinking; Solve real problems in your community; Discover the possibilities of democratic citizenship; Plan and conduct a project that will create, change, or improve something valuable to people

URL:
https://4hcurriculum.unl.edu/index.php/main/program_project/92

Clover Kids

Class
90061L – Clover Kids
90071L – Clover Kid Companion Animal Show & Tell

Rules

1. Must be age 5-7 and signed up in the Clover Kid Project as of Jan 1.

2. Each Clover Kid may exhibit 6 static age-appropriate entries reflective of regular 4-H project topics. Examples of Clover Kid curricula includes: Just Outside the Door, Aerospace, Theater Arts, A Space For Me, Bicycle Adventures, Making Food for Me, Clover Kid Create It, Animal Caretaker, Family Celebrations Around the World, and Sewing for Fun.

3. Each Clover Kid may exhibit one entry per type of allowed animal species at the fair.

4. Clover Kids do go through the interview judging process.

5. Each Clover Kid will receive a participation ribbon.

Rules for Clover Kids Companion Animal Show & Tell

1. An opportunity for Clover Kids to "show" their small pets will be held during the 4-H Companion Animal Show. If youth have attended dog practice, they may choose to show their animal at the 4-H Dog Show vs. the Small Animal Show & Tell.

2. Youth must be able to handle (keep under control) their pets while they visit with the judge.

3. Examples include dogs, cats, guinea pigs, pet rabbits, poultry, etc.

4. Dogs and cats must be exhibited on a leash.

5. All animals should be in secure cages or carriers when not being shown.

6. All health rules for Dogs and Companion Animals must be followed, including submitting proof of vaccination at the time the pre-entry forms are submitted.

7. Cherry County 4-H Companion Animal pre-entry forms must be submitted by the deadline indicated on the form.

8. Adult assistance is encouraged.

9. Any animal under 350 lbs. - lamb, goat, bucket calf, hog, etc. is allowed. This animal can be borrowed from an enrolled 4-H member.

Companion Animal

Rules

1. **Class Information**
   a. Entries in the 4-H Companion Animal Show are judged on the overall health and appearance of the animal, and the exhibitor's presentation and knowledge of the animal; not judged according to breed standards. Mixed – breed animals can be entered and ear identification is not required.

b. Rabbits shown in the pet rabbit class cannot be shown in the rabbit show.

c. Poster Class (#11) can include entries covering any companion animal (including reptile companion animals that are not showing in another class of the Companion Animal Show. The poster should be the size of one full standard poster board (should not exceed 22 inches x 28 inches). Exhibitors must be present at the time of the judging and will be judged on the quality of the poster, accuracy of the information provided, and the ability of the exhibitor to explain the information and answer the judge's questions.

2. **Show Procedure** – Exhibitors must be present at the time of showing. Animals should be housed in a carrier unless actually showing and in place ½ hour before the show. If being shown in a travel cage, exhibitors should bring photographs of the animal's normal habitat.
   a. Each exhibitor will be asked to give a short "showmanship" presentation on their animal. The characteristics, health, and care of the animal should be provided in this presentation. Following the presentation, exhibitors will be interviewed about their knowledge of their animals and their care.

   b. The judge will evaluate the participant on the following basis: animal health and wellbeing, carrier evaluation (appropriateness of travel housing as well as a description of everyday housing), and overall knowledge and presentation skills.

   c. Participants should bring an animal, adequate carrier, and accessories, a completed health certificate for cats and ferrets, and pictures of the normal display if appropriate.

3. **Housing** – Cats must be brought in durable plastic or wire carriers (not cardboard). Cats will remain in carriers, or another appropriate cage provided by the exhibitor except for when being judged. The exhibitor may provide food, water, and litter for the cat in the carrier if necessary. Exhibitors may want to provide a cover for the carrier to prevent their cat from seeing other cats. ALL CATS MUST BE SHOWN ON A LEASH and be on a leash at any time they are removed from the carrier/cage.

All other animals should be brought in the appropriate housing, either their normal cage or a durable plastic or wire travel cage (not cardboard). Cages must be secure. Exhibitors should provide water and food for all animals as appropriate. If a cage/enclosure is deemed inappropriate by the show superintendent, the exhibitor will not be allowed to show.

4. **Health and Vaccination** – All animals should be free of fleas, ticks, ear mites, ringworm, any internal or external parasite, and infectious disease. Required veterinary checks will be performed on each animal entering the show. If any signs of these external parasites or other contagious health conditions are presented, exhibitors will be asked to leave without being allowed into the show area. It is highly recommended that a veterinary check is performed, or preventative measures are taken prior to the show to ensure that the animal is free of external parasites.

ALL DECISIONS OF SHOW OFFICIALS ARE FINAL. If an animal shows the possibility of being contagious, it will be considered a danger to the other animals in the show and will not be allowed to show. Animals that pose a danger to others will not be allowed to enter the building.

Cats are required to be current on their vaccinations for rabies, panleukopenia, viral rhinotracheitis, and calicivirus, it will be considered a danger to the other show animals in the show and will not be allowed to

show. Proof of vaccinations must be sent in with entry forms. Exhibitors will not be allowed to show without proof of vaccinations.

4-H'ers vaccinating their own cats must provide proof by including a statement from their vet or by including the vaccination labels on the form and having it signed by a parent. Rabies vaccination is federally mandated to be given by a **Certified Veterinarian <u>ONLY</u>**. This vaccination must be current and include a veterinarian's signature.

If a cat is not declawed, the claws must be clipped. This will be a point of judging during the competition. No expectant or nursing mother animals may be entered in the show.

Call the Extension Office at 402-376-1850 if you have any questions.

5. **Number of Entries per Exhibitor at County Fair** – An exhibitor may make no more than two entries per class with a maximum of four entries total in Companion Animal.

6. **Age of Animals** – All animals must be weaned prior to the show. Minimum age of animals to be shown:

Cats – 4 Months	Gerbils, Hamsters, Mice, Rats – 4 Weeks
Ferrets – 4 Months	Hedgehogs – 5 Weeks
Chinchillas – 7 Weeks	Pet Rabbits – 9 Weeks
Guinea Pigs – 4 Weeks	

Class

G10001L – Cat

G10003L- Caged Pets (includes pet rabbits, ferrets, chinchillas guinea pigs, gerbils, hamsters, mice, rats, and hedgehogs). Any pets not included on this list must receive permission from 4-H Educator.

G10004L- Other (includes ponies, potbellied pigs, etc.)

G10011L – Poster

10061L – Companion Animal Showmanship

See Clover Kid Companion Animal Show and Tell for Clover Kid options.

<u>Animal Educational Display</u>

Class

G090100 – Animal Educational Display

Rules

1. 4'Hers are invited to create a poster highlighting an educational aspect of their animal project. The poster could focus on a current livestock issue, animal industry career, animal care or health, and economic impacts of the livestock industry.

2. Poster display should be sturdy enough to last through the fair and no larger than 22 inches x 28 inches. Please take into consideration that these exhibits will be displayed inside the barns and may not be returned to the exhibitor in the original condition at the time of entry.

3. All entries **must** match the species of livestock they have entered at either the county fair or the Nebraska State Fair. For example, if a 4-H'er is exhibiting beef, their entry must be about beef and not another specie.

4. Species include dairy, beef, sheep, swine, goat, poultry, and rabbit.

5. In order to be eligible for the State Fair, posters must have been exhibited at the county fair and received a purple ribbon. Because posters may have been exhibited at the county fair in outside conditions, it is understood that they may be re-done prior to Nebraska State Fair but the content and design should be similar.

Resources

Cat
Learn about cat breed, senses, shows, tricks, signs of illness and health, cat sounds, emergency situations, feeding, special diets, and traveling with cats
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/207

Rabbit
Learn about rabbit breeds; Learn how to care for a rabbit; Learn to tattoo a rabbit; Learn about genetics and rabbit breeding
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/15

Other Pets or Small Animal
Find out what it costs to have a pet; Learn about animal digestion; Learn to keep a pet healthy; Consider a career with animals
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/6

Conservation, Wildlife & Shooting Sports

Conservation, Wildlife, and Shooting Sports give 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.

General Rules

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

2. 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

3. Whose Exhibit? The exhibitor's name, county, and age must be on the back or bottom of all displays.

4. Wildlife and Wildlife Laws: "Animal" or "wildlife" in the following classes include wild fish, amphibians, reptiles, birds, or mammals. Please make sure you are following all wildlife laws. Domestic animals (i.e. domestic livestock or house pets) and insect exhibits are not appropriate for this area.

5. 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.

6. Board and Poster Exhibits: Mount all board exhibits on ¼ inch plywood, Masonite, or similar panel no larger than 24 inches high x 24 inches wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 inches x 28 inches) but half size, 22 inches x 14 inches, is recommended.

7. Exhibit Size: Exhibits other than poster/display board should not exceed 48 inches x 48 inches and be able to be moved by two people.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hconservation-wildlife-shooting.

Divisions

Harvesting Equipment

Class

D343001 - Fish Harvesting Equipment - (SF168) - 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, and any personal experiences you've had with the item(s).

D343002 - Build a Fishing Rod - (SF169) - Rod building kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches in length. The exhibit must be mounted on a board Include with the exhibit an explanation of the cost of materials/components, where materials/components were purchased, and how many hours are 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 the rod. Guide wraps of size A to D, nylon, or silk thread. The exhibit will be judged on workmanship, labeling of parts, information, and neatness.

D343003 - Casting Target - (SF170) - Make a casting target for exhibit and use. The target must be under 48 inches x 48 inches. The bullseyes must be 2 feet, the 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 - (SF171) -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 - (SF168) - Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing poles for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, the results of testing your prototype, and any adjustments you made.

Rules

Please refer to General Rules for more information

Other Natural Resources

Class

D361001 - Design Your Own Exhibit in Natural Resources, Conservation, Geology, or Ecology - (SF164) - This class is for educational exhibits about natural resources, conservation, wildlife, or ecology that do not fit into other categories. 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 methods) about the intended purpose or message – what the exhibit is meant to show. Think about the accuracy, creativity, educational value for viewers, and evidence of exhibitors' personal experiences and learning.

Rules

Please refer to General Rules for more information

Outdoor Adventures – Level 1

D341001L – Poster (NOT ELIGIBLE FOR STATE FAIR) – Create a poster display no larger than 22 inches x 28 inches. Topics may include but are not limited to one or more of the following: how to prepare for a hike/hiking essentials; wildlife and plants identified while hiking; a collection of photos from hiking trips; "Leave No Trace" and how that was followed while hiking; environmental issues/protecting natural resources; trail or park clean up; sanitation/hygiene while outdoors; or use of GPS.

D341002L – Journal/Binder – (NOT ELIGIBLE FOR STATE FAIR) – Written report of actual or virtual hiking trips with observations OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR hiking trip diary. Explain growth in the project, leading the hikes, planning the trip, now being able to identify the wildlife and nature around you and how you identified them (sight, sound, shape, smell, color, etc.). Feathers/leaf/flower pressing must be securely attached if included. Photos or drawings of observations are encouraged. Exhibits measure no larger than 16 inches x 16 inches.

Outdoor Adventures - Level 2

Class

D341001 - Poster – (SF281) - Topics may include, but are 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 the project, leading the hikes, planning the camping trip, and 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 drawings of observations are encouraged. Exhibits measure no larger than 16 inches x 16 inches.

D341003 - Camping/Hiking – (SF281) - Safety - Must include an explanation of the use of the item and why selected/purpose, and 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 the 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 the report cover or notebook.

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

Rules

Please refer to General Rules for more information

Outdoor Adventures Level 3

Class

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 the 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 the use of items, why selected/purpose of the item, and 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 the 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.

Rules

Please refer to General Rules for more information.

Shooting Sports

Class

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

D347002 - Storage Case - (SF254) - Any item with the purpose of safely holding a firearm, bow, ammunition, and/or arrows. Examples: soft-sided shotgun case, quivers, firearm safety, including 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 ½ x 11 paper.

D347005 - Healthy Lifestyles Plan - (SF 257) 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 projects 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 a 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 ½ x 11 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 - (SF 250) 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.

34761L – Hunter Safety Education Exhibit – Poster 14 inches x 22 inches(see Posters for additional guidelines), or Display board, 24 inches x 24 inches x ¼ inch plywood, illustrating some aspects of Hunter Safety. Topics may include 1. History of Firearms, 2. Marksmanship, 3. Firearm parts and action types, 4. Game care, or 5. Survival and First Aid.

34762L – Poster of Firearm or Archery Parts – Poster, 14 inches x 22 inches, may be either, vertical or horizontal arrangement. (See Poster and Banners for additional guidelines.) Poster must illustrate six to ten parts of any firearm or bow or arrow.

34763L – Shooting Improvement Notebooks (Archery or Firearms) – This notebook will include progress charts or targets, etc., to show shooting skills gained during enrollment in this project. Stories are optional.

34764L – Ammunition Display Board – No live ammunition allowed. Board must be 24 inches x 24 inches x ¼ inch plywood. At a minimum, pieces must be labeled with name of round, caliber, and grain of bullet.

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), 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.

Shooting Sports Contest – NOT ELIGIBLE FOR STATE FAIR

Class

78060L – Archery – Basic – 3 targets

78061L – Archery FreeStyle – 3 targets

78070L – Archery 3D

78066L – 4 Position BB Gun Bullseye (prone, standing, kneeling, sitting)

78067L – 3 Position .22 Caliber Rifle Bullseye (standing, kneeling, prone)

78068L – 1 Position .22 Silhouette (standing)

78069L – 3 Position Pellet/Air Rifle (prone, standing, kneeling)

78071L – Trap/Shotgun Shooting – Senior and Intermediate Divisions Only – Participant must have Hunter Safety Card

Rules

1. County Fair Contest – Age divisions are as follows: Junior 8-10, Intermediate 11-13, Senior 14 & up. Disciplines offered at County Fair include BB Gun, Air Rifle, Trap, and Archery.

2. Safety Attire - Any participant while on the shooting line or shooting course in any outdoor 4-H shooting sports event will be required to wear shoes that completely cover their feet. Boots are not allowed. Protective eyewear and ear protection are also required. 4-H armbands or T-shirts are required.

3. Youth must be eight (8) years old by January 1 of the current year before enrolling in a shooting sports contest.

4. Youth must have completed Hunter Safety and show their certificates to participate in Trap/Shotgun.

5. Hunter Safety Certification – Youth must be 11 years old or older on the day of hunter safety testing to be eligible for Hunter Safety Certification. Contact the Nebraska Game & Parks Commission (www.ngpc.state.ne.us) for information regarding Hunter Safety Education.

Taxidermy

Class

D346001 - Tanned Hides - (SF172) –Exhibit of a wild animal hide properly processed by the member. No requirement as to mounting but must meet the size requirements listed under General Rules. Include the animal's name and the following information about the exhibitor's personal field experience, study, OR observations that relate to the exhibit.

D346002 – Taxidermy – (SF172) – 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. Include the animal's name and the following information about the exhibitor's personal field experiences, study, OR observations that relate to the exhibit.

Rules

Please refer to the General Rules for more information

Wildlife and How They Live

Class

D340001 - Mammal Display - (SF154) - Examples: life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.

D340002 - Bird Display - (SF154) - Examples: life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.

D340003 - Fish Display - (SF155) - Examples: life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.

D340004 - Reptile or Amphibian Display - (SF156) - Examples: life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.

D340005 - Wildlife Connections - (SF157) - 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 - (SF158) - Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. 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-of-paris 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-of-paris 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 a picture or illustration of the animal.

D340007 - Wildlife Knowledge Check - (SF159) - 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 - (SF160) 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 areas 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 blue jays. Label the habitats displayed and show at least five kinds of wildlife in their proper habitats.

D340009 - Wildlife Essay - (SF161) - 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 ½ x 11inch 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 the various values of wildlife. This would include aesthetic, scientific, commercial, game, genetic, and/or ecological. One resource would be the Wildlife Conservation project booklet (4-H 125).

D340011 - Wildlife Arts - (SF163) - 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 exhibitor. 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).

Rules

Classes 1-4 are board or poster exhibits. The display may show any aspect of wildlife, wildlife habitat, or related conservation. No domestic livestock, pets, or insects are allowed. For other ideas, refer to project booklets. Remember to look at General Rules for this area.

Wildlife Habitat

Class

D342001 - Houses - (SF165) - Make a house for wildlife. Examples: birdhouse (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 birdhouses and shelves.

D342002 - Feeders/Waterers - (SF166) - Make a birdbath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder is 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 - (SF167) - 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 another 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.

Rules

Please refer to General Rules for more information

Resources

22 Rifle

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/186

Air Pistol

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/187

Air Rifle

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/188

Archery

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/189

BB Gun

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/190

Hunting Skills

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/191

Muzzleloader

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/203

Shotgun

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/192

Smallbore Pistol

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/193

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'ers.

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.

Rules

Please see General Rules on page 3.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hconsumermanagement.

Divisions

<u>My Financial Future</u>

Class

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 2 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 on 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 payment the way you do (salary, commission, or hourly wage)? *What are some negative outcomes of getting paid the way you do? *Does your

pay keep pace with inflation? Why do you think this? Summarize: Based on 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 3 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, storyboard, game, or display that would teach another youth about the "Key Terms" listed on page 62. Activity/display must include at least five (5) of the terms.

Rules

1. 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:

Shopping in Style

Class

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 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 chose the garment
- Clothing budget
- Cost of the 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 binder or video, no posters please (see general information above). Do not include the Shopping In Style Fashion Show Information Sheet 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 that includes before and after photos and a description of what was done. Put in a binder, poster, or video (see general information).

C240004 - Show Me Your Colors - (SF89) - Select 6-8 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. The 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 a brief discussion of why each was included. Put in an appropriately sized box or tote with a lid. No larger than a shoebox.

C240006 - Mix, Match, & Multiply - (SF90) - Using this concept from page 32 of the manual take at least 5 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 that demonstrates what you have learned by completing this entry. Entry can be a binder, poster, or video (see general information).

Rules

1. 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 ½ inches x 11 inches x 1 inch. Video exhibits should be less than 5 minutes in length and be able to be played on a PC using Windows Media Player, Real Player, or QuickTime Player.

Resources

Consumer Education

Identify your body shape and select clothing to enhance it; Learn how clothing prices are determined and how to comparison shop; Analyze advertising; Experiment with removing stains; Learn about financial literacy; Set SMART Goals; Set financial goals; Keep a spending plan.

URL:
https://4hcurriculum.unl.edu/index.php/main/program_project/41

Dog

A. **Procedures –** Those procedures are described in <u>Nebraska 4-H Dog Show Rules 4H421</u>(which will be followed in the County Fair 4-H Dog Show). If competing at the State Fair exhibitors are expected to read and follow the information in the State Fair 4-H Dog Exhibitor Letter which is posted on the web with the 4-H Dog information. **It is the dog exhibitor's responsibility to pick up after their dogs at all times. Dogs soiling in the show ring (during a class) will be lowered by one ribbon placing**. Dogs soiling anywhere on the show grounds without pickup will be disqualified from all entered classes on that show day regardless of the person who is holding the dog leash.

B. **Dog Eligibility** – Exhibitors should provide primary care and training for the dog. The dog should reside with the exhibitor or be cared for by the exhibitor the majority of the year.

C. **Vaccination –** All dogs must be immunized for distemper, hepatitis, parvo, and rabies. Bordetella vaccine is recommended but not required. **The Nebraska State Fair Show Vaccination Record Form (SF264) must document all vaccinations given within 1 to 3 years of the show date based on label guidelines.** All vaccinations must be in effect at the time of the State Fair Dog Show.

D. **Number of Entries per Exhibitor –** Youth may enter one showmanship class, two agility classes (using different dogs and in different levels of classes), two obedience classes (using different dogs and in different levels of classes), and two rally classes (using different dogs and in different levels of classes).

E. **Advancement in Obedience and Agility Classes –** Follow rules in the <u>Nebraska 4-H Dog Show Rule 4H421.</u>

F. **Advancement in Showmanship Classes -** Classes are divided into age divisions: Junor 8-10, Intermediate 11-13, Senior 14-18 years of age. All 4-H dog exhibitors must show their own animals to be considered participants in the Showmanship Contest. Showmen will be allowed to compete in a division each year based on their age or until they win that particular age group. Winners must advance to the next age group. Winners of the Senior division will be ineligible for future dog showmanship contests.

G. **Disqualified Dogs –** Females in season will not be permitted to be shown. Overly aggressive dogs may be disqualified at the discretion of the judge or superintendent. Lame or crippled dogs will not be permitted to show if it is determined by a show superintendent that it is affecting the health of the dog. Also, see A. Procedure for information about disqualification for dog soiling on show grounds.

H. **Age of Dog –** A dog that is exhibited at the State Fair must be 6 months or older, same for County Fair except for the local–only puppy class. Agility dogs must be 18 months or older to participate in the competition.

I. **Dress Code –** Exhibitors are required to wear the official Cherry County 4-H t-shirt. Solid blue jeans are required. No headgear is worn in the show ring. Closed-toed shoes with a non-slip sole are required.

J. **Baiting** – Baiting with food or a toy is not permitted and is cause for disqualification. Handlers may use baiting actions without food or toys in showmanship. The judge or superintendent has the authority to disqualify violators.

K. **Substitutions** – A dog may be substituted for showmanship classes only if it is injured or dies following the entry deadline. Substitutions are generally not allowed in obedience and agility classes; however, substitutions may be considered at the discretion of the 4-H Educator. A substitute can be selected from the exhibitor's household family or from the household where the originally entered dog resided. Dog(s) may be substituted only if the 4-H Educator is directly consulted prior to the show date. **A Nebraska State Fair Dog Show Vaccination Form (SF263)** must be completed for all substitution dogs and received by the 4-H Educator prior to the show date.

L. Only exhibitors are allowed to groom or work dogs at the show, both in and out of the rings.

M. Awards – Any award can be withheld if the exhibitor fails to clean up around their area.

N. All dogs must remain on a leash held by the exhibitor or a responsible adult at all times.

Rules

Scoresheet, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at http://go.unl.edu/ne4hdog.

Divisions

Dog Agility

Class

G702010 – Level 1: 6 Obstacles

G702020 – Level 2: 10 Obstacles

G702030 – Level 3: 10 Obstacles

G702040 – Level 4: 13 Obstacles

G702050 – Level 5: 15-20 Obstacles

1. Procedure – Agility will follow those procedures and classes described in the Nebraska 4-H Dog Show Guidelines 4H421. Refer to Nebraska 4-H Dog Show Guidelines to determine class entry and obstacles for each level of competition. Course maps will be made available and posted at time of show registration in designated area(s).
2. Agility Jump Heights – measure dogs at withers to determine jump height:
   - Dogs 11 inches or less – 4 inches,
   - Dogs over 11 inches up to and including 14 inches – 8 inches,
   - Dogs over 14 inches up to and including 18 inches – 12 inches,
   - Dogs over 18 inches – 16 inches.

Dog Obedience

Class

G701010 – Beginning Novice Division A – exhibitor and dog are in first year of competition (Stared Dog Project after 10/1/22). Exhibitors incorrectly entered will be moved to Beginning Novice Division B or C.

G701020 – Beginning Novice Division B – exhibitor or dog is beyond first year of competition.

G071025 – Beginning Novice Division C – exhibitor and dog are beyond first year of competition.

G701030 – Novice A – exhibitor and dog have received a purple in Beginning Novice and are in first year of Novice Class Competition (starting after 10/1/23).

G701035 – Novice B - exhibitor and dog are beyond first year of Novice Class Competition.

G701040 – Graduate Novice – exhibitor and dog have received a purple in Novice.

G701045 – Advanced Graduate Novice – exhibitor and dog have received a purple in Graduate Novice.

G701050 – Open – Exhibitor and dog have received a purple in Advanced Graduate Novice.

G701055 – Graduate Open – exhibitor and dog have received a purple in Open.

G701060 – Utility – exhibitor and dog have received a purple in Graduate Open.

G701067L – Puppies

G701068L – Clover Kid Dog Obedience

Rules

1. Follow rules in Nebraska 4-H Dog Show Guidelines 4-H 421 to determine class entry and exercises within each obedience class.

Dog Rally

Class

G703010 – Beginning Rally – dog is on leash and there are 5-10 stations.

G702020 – Rally 1 – dog is on leash and there are 10-15 stations.

G703030 – Rally 2 – dog is off leash and there are 12 – 17 stations.

G703040 – Rally 3 – dog is off leash and there are 15-20 stations.

Rules

1. Rally will follow those procedures and classes described in the Nebraska 4-H Dog Show Guidelines 4H421.
2. Refer to Nebraska 4-H Dog Show Guidelines to determine class entry for each level of competition.

Dog Showmanship

Class

G700001 – Junior Showmanship – (8 -10 years old, 4-H age) NEW – based on State Fair eligibility changes

G700020 -Intermediate Showmanship (11 – 13 years old)

G700030 – Senior Showmanship (14 – 18 years old)

Rules

1. Each class will be judged on handler's appearance (10%), grooming and conditioning of dog (20%), coordination of the dog and handler (50%), and general knowledge (20%).
2. Classes are divided into age divisions
3. Showmanship will follow those procedures and classes described in the Nebraska 4-H Dog Show Guidelines 4H421.

Resources

Cat

Learn about cat breed, senses, shows, tricks, signs of illness and health, cat sounds, emergency situations, feeding, special diets, and traveling with cats

URL:https://4hcurriculum.unl.edu/index.php/main/program_project/207

Dog

Learn basic skills for dog care and training. Explore dog health, nutrition, care, showmanship, and training; Investigate responsible breeding, diseases, dog roles, and careers

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/8.

Other Pet or Small Animal

Find out what it costs to have a pet; Learn about animal digestion; Learn to keep a pet healthy; Consider career with animals

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/6

Entomology

Entomology exhibits give 4-H'ers the opportunity to demonstrate their knowledge about insects and insect displays. This category has multiple projects that allow 4-H'ers to progress over numerous years. For help getting started with this project contact your county 4-H extension office.

Rules

1. Specimens in display collections should be mounted properly and labeled with location, date of collection, name of the collector, and order name. Follow mounting and labeling instructions in the Nebraska 4-H Entomology Manual. Boxes are preferred to be 12 inches high x 18 inches wide and have a 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 are allowed.
2. No projects over 50 pounds are allowed.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found athttps://go.unl.edu/ne4hentomology.

Special Awards

Premier 4-H Science Award is available in this area. Please see click here for more details.

Divisions

Entomology

Class

H800001 - Entomology Display, First-Year Project - (SF186) - Collection to consist of 25 or more distinct kinds (species) of insects representing at least 6 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 8 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present after July 1 of the previous year. Limit 2 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 from after July 1 of the previous year. Limit of 3 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 - (SF186) - Habitats consist of any hand-crafted objects, made of natural or artificial materials, 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 8½ inches x 11 inches and mounted on a 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 inches x 28 inches area.

H800008 - Reports or Journals - (SF191) - Reports and journals should be in a 3-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.

Resources

Entomology

Learn the difference between an insect and a bug; Identify insect parts and know why each is important; Find and examine bugs and insects in the field; Design your own insect or create a home for an insect; Make an insect collection; Learn where to look for insects; Learn how to identify and classify insects; Complete an insect collection table; Plan an insect collection trip; Raise meal worms; Explore insect legs and collect insects with an extractor; Test ant food preferences; Conduct honey bee learning experiments; Record insect observations; Identify insect mouth types

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/61

Entrepreneurship

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

Rules

1. **Exhibit Guidelines:** The 4-H member's name, age, town, and county must be listed on the back of the exhibit. Entry cards should be stapled or taped (not paper-clipped) to the upper right-hand corner of posters. If the exhibit is a poster, it must be 14 inches x 22 inches and may be arranged either

horizontally or vertically. The poster may not use copyrighted materials, such as cartoon characters or commercial product names. **Exhibits that 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.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hentrepreneurship.

Divisions

Entrepreneurship Investigation

Class

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 PowerPoint 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 - (SF181) - (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, a 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 the developed product and a mounted information sheet answering the following questions. If exhibited 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, report, or scrapbook related to the learning from the challenge. Use your creativity to show and share what you learned. -

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.).

Resources

Entrepreneurship

Learn about entrepreneurs; Take Entrepreneur Skills Assessment; Investigate the risks; Learn about the importance of reputation; Sell your product or idea; learn about a business plan; Develop a concept; Find resources; Learn about business startup; Working knowledge of entrepreneurship; Understand financials and feasibility; Understand marketing principles, including global markets; Understand what it takes to be in business.

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/93

Food & Nutrition

The purpose of the Food & Nutrition exhibits is to encourage 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'ers 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.

Rules

1. Supporting Information: Each exhibit must include the recipe. The recipe may be handwritten, photocopied, or typed. Place food on the appropriately sized plate or container and put in a self-sealing bag. Attach entry tag and recipe to 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'ers names 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 breadboards, China, or glassware.

4. Ingredients: Any ingredient that the 4-H'er 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. Food Safety: Exhibits are on display for several days. Please think of 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 toppings (i.e., fresh fruit tart).

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hfood-nutrition.

Divisions

Cooking 101 – Not Eligible for State Fair

Class

E401901L – Cookies – any recipe - 4 on small paper plate

E401902L – Muffins – any recipe – 4 on small paper plate

E401903L – No Bake Cookies - any recipe – 4 on a paper plate

E401904L – Cereal Bar Cookie – any cereal-based recipe made in pan and cut into bars or squares for serving

E401905L – Granola Bar – any recipe – 4 on a paper plate

E401906L – Brownies – any recipe – 4 on a paper plate

E401907L – Snack Mix – any recipe – at least 1 cup in a self-sealing plastic bag

Cooking 201

Class

E410001 - Loaf Quick Bread - (SF123) - any recipe, at least ¾ 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 ½ inches x 4 ½ inches or 9 inches x 5 inches. If mini-loaf pans are used for the exhibit, two loaves must be presented for judging.

E410002 - Creative Mixes - (SF142) - any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked item made from a mix (commercial or homemade mixes acceptable). Food products 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, sweet rolls made from readymade bread dough, monkey bread from biscuit dough, streusel coffee cake from a cake mix, etc. 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. The 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. Include a menu for a complete meal where this recipe is served, following meal planning guidelines suggested in Cooking 201.

E410006 - Baking with Whole Grains - (SF134) - any recipe, at least ¾ of baked product, or 4 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, 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, a baked item made in a microwave, etc.) Entry must be at least ¾ baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Entry must include supporting information that discusses alternative preparation method and how it compares with a traditional method.

Cooking 301

Class

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, 4 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, 4 rolls on a paper plate. May be cloverleaf, crescent, knot, bun, breadsticks, or any other type of dinner roll.

E411005 - Specialty Bread - (SF141) - any yeast recipe, including tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least ¾ of a full-sized baked product.

E411006 - Shortened Cake - (SF137) - Must exhibit at least ¾ 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 including leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white-based frostings allowed).

Cooking 401

Class

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- or 9-inch disposable pie pan is recommended.

E412002 - Family Food Traditions - (SF145) - any recipe, at least 3/4 of baked product, or 4 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 came from.

E412003 - Ethnic Food Exhibit - (SF146) - any recipe, at least 3/4 of baked product or 4 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.

E412004 - Candy - (SF147) - any recipe, 4 pieces of candy on a paper plate or ½ 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 ¾ 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 white-based frostings allowed).

E412006 - Specialty Pastry - (SF143) - any recipe, at least 3/4 of baked product or 4 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.

Rules

I.   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 the food item.

Food Preservation

Class

Unit 1 Freezing

E406001 - Baked Item made with Frozen Produce - (SF155) - any recipe, at least 3/4 of baked product or 4 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. Ex. Peach 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 3 different examples of 3 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 exhibit together.

E407002 - Fruit Leather - (SF154) - exhibit 3 different examples of 3 different fruit leathers. Place a 3-4 inch sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep the exhibit together.

E407003 - Vegetable Leather - (SF154) - exhibit 3 different examples of 3 different vegetable or vegetable/fruit leather combo. Place a 3-4 inch sample of each leather together in separate self-sealing bags. Use a rubber band or "twisty" to keep the exhibit together.

E407004 - Dried Vegetables - (SF149) - exhibit 3 different samples of 3 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 exhibit together.

E407005 - Dried Herbs - (SF149) - exhibit 3 different samples of 3 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 exhibit together.

E407006 - Baked Item made with Dried Produce/Herbs - (SF156) - any recipe, at least 3/4 of baked product or 4 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'er. 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 canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations.

E408002 - 3 Jar Fruit Exhibit - (SF150) - exhibit 3 jars of different canned fruits. May be three different techniques for the same type of product, ex. 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 3 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 3 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 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 3 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 meat canned in a pressure canner according to current USDA recommendations.

E414002 - 3 Jar Vegetable Exhibit - (SF150) - exhibit 3 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 3 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 3 jars to a maximum of 5 jars plus menu. A meal should include 3 canned foods that can be prepared within an hour. List complete menu on a 3 inch x 5 inch file card and attach it to one of the jars. Entry must be processed according to current USDA recommendations.

E414005 - 1 Jar Tomato Exhibit - (SF150) - exhibits 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 3 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.

Rules

1. Processing Methods - Current USDA processing methods and altitude adjustments must be followed for all food preservation. Jams, preserves, 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. A spoiled or unsealed container 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 are 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 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 Fair book 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'er, county, and date of processing on the bottom of each jar. Exhibits containing multiple jars such as a "3 jar exhibit" should be placed in a container to keep the jars together. Each bag containing dried foods should also be labeled with the name of the food item, the name of the 4-H'er, county, and drying date. Multiple dried food exhibits should be secured by a rubber band or "twisty" to keep the exhibit containing the 3 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/publications/publications_usda.html
- 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 or include the following information with the 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)

Youth in Motion- Not Eligible for State Fair

Class

30001L – Youth in Motion Poster, Scrapbook, or Photo Display – about the 4-H'ers family or self, involved in physical activity or concept/lesson involving this project. This might contain pictures, captions, and/or reports about the physical activity the individual or family did as a result of taking this project.

30002L – Activity Bag – A duffle bag or backpack that the 4-H'er packs so that they are always prepared to be active and make healthy food choices. May include proper workout attire, a healthy beverage or snack, a notebook or goal sheet, etc. Make sure all items are clean, clearly labeled, and have an explanation of why it is included in the activity bag. Do NOT put valuable items (i.e., electronics) in Activity Bag. Instead, use a picture of the item or include it in the listing of items.

30003L – Youth in Motion Healthy Snack Recipe File – Collection of 10 recipes from any source. Each recipe must accompany a complete snack menu in which the recipe is used, following the idea that a healthy snack includes foods from at least two different food groups. An additional 10 recipes may be added each year 4-H'er is in the project, with the year clearly marked on recipes. Consider creativity and neatness. Display in recipe file or box, or in a binder.

30004L – Healthy Lifestyle Interview - Interview someone in your life that you admire that is physically active or has a healthy lifestyle. Why do they enjoy their exercise program or lifestyle choices? What are their goals? Why do you admire them? Maximum of two pages, one-sided and neat. Mount on colored paper or poster board or display in a binder. Include a picture of the person interviewed. (May be laminated to preserve exhibit.) The overall size of the mounted exhibit should be no larger than 9 x 12 inches.

30005L – Healthy Snacks – see ideas for non-perishable snacks on page 36. Four cookies, bars, muffins, etc., on a paper plate, or at least 1 cup of mix. (Examples might include granola bars, homemade crackers, or chips.) Supporting information to include recipe and snack menu, and why this snack menu might be considered a healthy snack.

Cake Decorating - Not eligible for State Fair

Cake decorating is an artful expression. This is an opportunity to make something fun and beautiful while showcasing your individual creativity and skill. Don't be afraid to think outside the box!

Class

620061L – Display of Frosting Techniques – display will be 12 inches x 14 inches foil-covered cardboard displaying each of the following with buttercream frosting.
  a. 3 different kinds of borders using a star tip, 4 inches in length
  b. 4 each of 3 different kinds of flowers using only star tips

c. 4 leaves using one leaf tip

d. One writing or printing of the word "Happy" with writing tip 2 or 3, no taller than 1 ½ inches.

620062L – Four Decorated Cupcakes – use three or four different tips, buttercream frosting to decorate

620063L – A Single Layer Cake Frosted - decorated with buttercream frosting – including smoothing techniques, writing tip, and star tip.

620064L – **Multi-Layer Cake –** Two or more layer frosted cake using buttercream, decorated using star tip, leaf tip, and writing tip only.

620065L – Baked in Novelty Pan – decorated with buttercream using at least three tips or techniques.

620066L – Special Design – simple 3-D cakes (in the likeness or shape of sports balls or equipment, animals, plants, giant cupcakes, or other objects), AND/OR use of fondant or gum paste (to make elements such as edible flower petals, edible wings, edible feathers, edible fabric, etc), AND/OR air brushing, AND/OR non-traditional decorating techniques, AND/OR using a novelty pan or regular pan to create something other than indicated by the pan shape (example: using a cake baked in a 2-D cupcake pan to make a chef's had cake instead of a cupcake shaped cake), ETC.

Rules

1. This is a county project only.

2. All cake boards should be grease proof. Covering them with foil or using a grease proof cake board is required.

3. One (1) inch should be allowed around the edge on all cake boards and display boards to allow for ease of handling.

4. Styrofoam cake forms are allowed vs. using real cake.

5. Any sheen or glitter spray or powder used on cakes **MUST** be edible. Brand and color of glitter or luster dust(sheen) spray or powder must be listed on entry form.

6. Fondant, gum paste, modeling chocolate, wafer or rice paper **MAY** be store bought and used to decorate cake but must be shaped and formed by exhibitor without the use of silicone, plastic, or metal molds and cutters/punches.

7. Any *Special Design* cake covered in or decorated with fondant, gum paste, or modeling chocolate must be iced in buttercream first (as per proper techniques require).

8. NO fruit, fruit jellies, or purees, or cream cheese is allowed in cake or icing as they will not be refrigerated.

9. No purchased decorations are allowed. NO royal icing decorations may be used. ALL decorations must be made of edible components (cake supports excluded). If in doubt, call the office.

Special Foods Contest - Not eligible for State Fair

Class

621061L – Junior Special Foods Contest

621062L – Intermediate Special Foods Contest

621070L – Intermediate Special Foods Contest Advanced

621071L – Senior Special Foods Contest Advanced

621063L – Senior Special Foods Contest

621064L – Junior Cupcake War

621065L – Intermediate Cupcake War

621066L – Senior Cupcake War

621067L – Junior Table setting – Menu (no cooking)

621068L – Intermediate Table setting – Menu (no cooking)

621069L – Senior Table setting – Menu (no cooking)

Rules

1. This is a county project only

2. 90 Minutes will be allowed to prepare a main dish for a meal and complete a place setting.

3.Youth with over 3 years of experience in the contest must register in **Advanced Classes**, which incorporate a challenge ingredient. This year's challenge ingredient is **CHICKEN**.

4. Scoring will include measuring methods, preservation, knowledge of nutrients, and safe food preparation.

5. See handbook on the Cherry County 4-H website for details and the nutritional study guide.

General Foods & Nutrition

Class

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. The exhibit may be a poster or 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, a written report in a portfolio, or a notebook. Consider neatness and creativity.

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. The exhibit may be a poster or a foam core board (not to exceed 22 inches by 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 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. The exhibit may be a poster or a foam core board (not to exceed 22 inches by 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.

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'er is in the project, with the year clearly marked on the recipes. Display in a recipe file or binder. Be sure to include the number of servings or yields of each recipe. This may be a continued recipe file project from the previously used 4-H curriculum before 2018. Exhibits that include recipes with alcohol (wine, beer, rum, etc.) will be disqualified.

Resources

Food and Nutrition

Learn how to use MyPlate; Learn how to avoid spreading germs while cooking; Learn how to measure and mix ingredients; Learn how to test baked goods for doneness; Learn how to brown meat; Learn how to set the table for a family meal; Understand and prevent foodborne illnesses; Learn how to thaw foods; Learn proper knife techniques; Learn how to read Nutrition Fact labels; Learn how to make soups, rice, pasta, and other foods; Practice making bread, grilling meats, vegetables, and fruit; Learn how to and practice making butter; Learn about yeast, gluten, and different types of fats; Learn about herbs and spices; Learn how to make ethnic foods; practice making cakes, candy, pastries, and pies; Learn how to safely freeze foods, maintain quality; Learn how to use frozen foods in healthy recipes; Learn how to safely dry foods and maintain quality; Learn how to use dried foods in healthy recipes; Learn how to safely preserve fruits, tomatoes, fruit spreads, and pickles; Learn how to use home-canned foods in healthy recipes; Learn how to safely preserve tomatoes, vegetables, and meats

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/194

Forestry

This category provides 4-H'ers an opportunity to prepare displays that shows their expertise in many aspects of forestry. Involvement in this category will lead to the expansion of seed, twig, wood, leaf, and tree knowledge for 4-H'ers. In addition, participants 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

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. Do 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, ¼ inch to ½ inch 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, which 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 5 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 platinoids*. 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.

6. Due to emerald ash borer infestation, no true ash species (Green Ash, White Ash, Black Ash, or Blue Ash) may be included in any collections. The inclusion of a true ash species will result in the project being disqualified.

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 lowercase. 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 platinoids* and the common name is Norway maple. "Emerald Queen" may be included as the variety name, but variable names are not required.

8. How well the exhibitor follows written directions is an important factor in judging.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at http://go.unl.edu/ne4hforestry.

Special Awards

Premier 4-H Science Award is available in this area. For more details about this award visit this website https://4h.unl.edu/fairbook/premier-science-award

Divisions

Forestry

Class

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, wildfire, forest products, forest wildlife, or forest pests. The only requirement is that the display must be no larger than 24 inches x 24 inches x 24 inches. 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. The display must include at least two samples of simple leaves, compound leaves, and conifer leaves. Leaves should be pressed, dried, and mounted.

- **Collection:** Whenever possible, collect leaves from mature trees. 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. All collections must be done by the exhibitor.
- **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, or plastic bags, 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 4. leaf arrangement (for broadleaf trees) 5. leaf composition (for broadleaf trees) 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:** e.g., general uses, common products, fall color, etc., may be included to enhance educational value.

D320003 - Twig Display - The twig display must include twig samples from at least 10 different tree species. 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 (November – April) when the buds are mature. Twig samples must be at least 6 inches long and exhibit buds. Leaves must be removed, and side branches must be trimmed to less than 1 inch in length. All collection must be done by the exhibitor.
- **Mounting:** Twigs must be mounted on a display board. Any method, e.g., wire, glue, tape, staples, plastic bags, etc., 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) 4. collector's name 5. collection date 6. collection location (be specific, state and county at a minimum)
- **Supplemental information:** e.g., general uses, 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.

- **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 red oak acorns do not mature until September. Seed samples should be free of insect or disease symptoms. Remember to display seeds, not fruit. For example, the seed of a honey locust is enclosed in a pod. Remove and display the seed, not just the pod. It is acceptable to display the fruit with the seed, but clearly label each. All collection must be done by the exhibitor.
- **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**: e.g., maturity date, the average number of seeds in the fruit, etc., may be included to enhance educational value.

D320005 - Wood Display - The wood display must include wood samples from at least 10 different tree species.

- **Preparation:** Samples may be of any shape, e.g., sections from a board, wood cylinders turned on a lathe, horizontal or vertical cross-sections of a small log with bark attached, etc., but all samples should be the same shape, e.g., all wood cylinders or all sections of a board. Each sample can be no larger than 4 inches X 4 inches X 4 inches. Cut surfaces should be sanded to show the grain. Treating samples with a clear finish (no stain) is optional. All collection must be done by the exhibitor.
- **Mounting:** Samples may be displayed in a variety of ways, e.g., 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:** e.g., common products, wood density, etc., may be included to enhance educational value.

D320006 - Cross Section Display - a disc cut from a tree species listed in 4H 332. The sample must be collected, by the exhibitor, within one year of the state fair judging day. 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 and accurately labeled on the cross-section 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 o 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 project is only for 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 exhibitor's name and age.

D320008 - Living Tree Display - a living tree seedling grown by the exhibitor from seed in the display container. The seed must be from a species listed in 4H 332. 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), have a drainage hole(s), and a drain pan to catch drainage water.

- **Labeling:** A waterproof label must be attached 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:** e.g., where the seed was collected, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, etc. to enhance educational value. Supplemental information will be an important factor in judging.

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 22 inches X 28 inches. Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 22 inches x 28 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 students 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: e.g., 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 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 by 24 inches by 24 inches. Original photographs, drawings, samples, charts, posters, etc. can be used. Actual specimens are strongly encouraged but must be properly preserved, i.e., 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: e.g., 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.
- Attach a separate label on the back of the display that includes the exhibitor's name and age.

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. Attach a separate label on the back of the poster that includes the exhibitor's name and age.

- Supplemental information about wildfire prevention should be attached to the poster: e.g., 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

D320012 - Sustainable Landscape Diorama - Box must be no larger than 24 inches x 24 inches. The exhibit must show a Nebraska landscape that includes elements such as windbreaks, fields, pastureland, CRP, public lands, and community/municipal landscapes. The goal of this exhibit is for students to articulate conservation and sustainability best practices that can be implemented on a landscape while addressing landowner and other stakeholder interests.

Label point/nonpoint sources of pollution, carbon sequestration, water-wise practices, wildfire prevention strategies, renewable energy sources, and other conservation practices as well as at least 10 species of plants included in the diorama.

- Attach to the exhibit a brief report including supplemental information describing the diorama, defining conservation practices, and outlining opportunities for landscape improvements 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.

D320013 – Tree Planting Project Display – Plant a tree in your community. Prepare a visual display where the student articulates proper tree planting techniques, why the individual tree species was chosen, as well as

steps taken to continue care for the tree after initial planting. The display must be no larger than 24 inches X 24 inches X 24 inches. Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 24 inches x 24 inches. The tree must have been planted 60 days to 1 year before State Fair judging day. Students must obtain permission from necessary authorities and property owners before planting any trees.

- Labeling: the following information about the tree must be included in the display: 1. common name 2. scientific name 3. planting location 4. planting date 5. tree source 6. planter's name 7. proper tree planting steps 8. tree care (after planting)
- Supplemental information about the tree: e.g., why the species was chosen, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, 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.

Resources

Tree Identification
Learn to use a dichotomous key to classify trees; Identify common Nebraska trees

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/65

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'ers 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 the back of the exhibit.

4. All entries must have documentation included.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hheritage.

Divisions

Heritage Level 1: Beginning

Class

A101001 - Heritage Poster or Flat Exhibit - (SF71) - Entries may be pictures, posters, or 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 are included in the exhibit, only bring the book with the most current year's work.

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

A101004 - Framed Family Groupings (or individuals) 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 albums of themselves or another family member, family cookbooks, etc.

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 are included in the exhibit, only bring a book with the 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.

A101012 - 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 are included in the exhibit, only bring a book with the most current year's work.

A101014 - 4-H Member Scrapbook - (SF71) - Scrapbook relating to individual 4-H members' 4-H history. If multiple books are included in the exhibit, only bring a book with the 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, or family reunion, etc.

Rules

Division 101, Level 1: Beginning (1-4 years in project)

Heritage Level 2: Advanced

Class

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 are included in the exhibit, only bring a book with the most current year's work.

A102003 - Local History Scrapbook/Notebook - (SF71) - Scrapbook or notebook that depicts the history of a 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) – The exhibit must be supported by a written explanation. May include biographical albums of themselves or another family member, family cookbooks, etc.

A102006 - 4-H History Scrapbook - (SF71) - A scrapbook relating 4-H history of a local club or county. Must be work of individual 4-H'er - no club project. If multiple books are included in the exhibit, only bring a book with the 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" x 28".

A102014 - Video Documentary of a Family or a Community Event - (SF71) - Must be produced and edited by 4-H members. (Must be entered as a DVD or USB.)?

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

A102016 - 4-H Member Scrapbook - (SF71) - Scrapbook relating to individual 4-H members' 4-H history. If multiple books are included in the exhibit, only bring a book with the 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, or family reunion, etc.

Rules

1. Division 102, Level 2: Advanced (Over 4 years in project).

Resources

Heritage

Learn about the origins of your family or traditions; Find the stories in family photographs; Identify family keepsakes
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/47

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.

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 for 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. Youth are required to include the design elements and principles they used, along with a 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 manuals.

4. Entered in the 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 are allowed. Wrapped canvas (if staples are not visible on the 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 a beginning level or other projects (ex: simple (10 minutes) table runners or woodworking). Exhibits from the beginning level project, 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. Number of Entries per Individual: One entry per exhibit per class. Limit of two entries in **ALL Home Design & Restoration projects per exhibitor.**

9. Entry Tag: 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.

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10. Identification: In addition to the entry tag, a label with the exhibitor's name and county should be attached to each separate piece of the exhibit.

11. Supporting Information: Supporting information is required for all exhibits. Information must include elements or principles of design used and steps taken to complete projects. Tag templates can be fount at https://go.unl.edu/ne4hhomeenvironment. Exhibits without supporting information will be dropped a ribbon placing.

Home Environment Supporting Information

Name _____ County _____

Check elements and principles used in your exhibit

Elements of Design- The building blocks of design.

____Color   ____Texture

____Shape/Form   ____Line   ____Space

Principles of Design- How you used
the elements to make your project.

____Rhythm/Repetition ____Balance

____Emphasis ____Unity ____Proportion

Steps taken to complete this exhibit:
(Use back of card)

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hhomeenvironment.

Special Awards

Special exhibits may be selected for the Design Gallery at Nebraska State Fair from this project area.

Divisions

Design & Restoration

Class

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, or multimedia presentation (on CD). 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 the home environment (what would it be, what education is needed, what would you do, etc.). Using poster, notebook, multimedia presentation (on CD), or another 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 the exterior of the home. (p. 74-93)

C257004 - Technology in Design - (SF200) - Incorporate technology into a project related to the home environment; for example, using conductive thread to create a circuit that enhances a wall hanging.

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 or multimedia (on CD).

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 a 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 a description of what was done to recycle or reuse items in your attached information.

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

Rules

1. Attach information to explain steps taken. The information must also include elements or principles of design used (p. 9-12).

Heirloom Treasures & Family Keepsakes

Class

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 the 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. The item might be cleaned and waxed, and simple repairs made. The 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.

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:

1. List of steps taken to complete your project. Before and after pictures are encouraged.

2. Keepsakes documentation: how you acquired the item, and the history of the item may be written, pictures, audio or videotape of interview with a family member, etc.

<u>Design My Place</u> – Not Eligible for State Fair

Class

62161L – Any Project as Introduced in the Manual – Design my space is the recommended beginning level project for Home Environment. May enter up to 3 exhibits in this class. Youth should not exhibit in this project if exhibiting in other Home Environment projects. Possible ideas include: needlework item (made with yarn or floss); simple fabric accessory; accessory made with original batik or tie-dye; simple accessory made using wood; simple accessory made using plastic; simple accessory made using metal tooling or metal punch; storage item made or recycled; bulletin or message board; problem solved – use a creative method to show you solved a problem (air quality, water, sound temperature, lighting, fire escape plan, etc.), such as a video showing how to make a bed, organize a room or the steps you used to make a simple accessory.

Resources

Home Design & Restoration

Apply color and design principles using different materials to make and display objects for your home; Develop original designs; Plan a comfortable, clean, attractive home; Make connections between visual arts and other disciplines; Explore ways to make your house more green; Learn new painting techniques; Design or select furniture, fabric, and storage items for your room; Accessorize a room-design or select unique items such as wall art, wall arrangements, or lamps; Recognize factors that make antiques valuable; Refurbish and restore heirloom or heritage furnishings and accessories; Preserve family heirlooms

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/48

Horse

Premium: P = $5.00   B = $4.00   R = $3.00   W = $2.00

For State Fair 4-H information see https://4h.unl.edu/horse.

To be eligible, youth must ID horses, register, and complete appropriate Levels testing by June 1st of the current year.

Rules

A. Horses must be properly identified on the Cherry County Horse ID form found at https://extension.unl.edu/F29777%20Horse%10ID%20new.pdf. The Id Form must be signed and turned in to the Extension Office by June 1st of the current year.

B. Pre-entry for the County 4-H Horse Show in August is required – Look at the horse packet for the July entry deadline.

C. Level Completion Requirements for Cherry County Fair – Check deadlines in Horse Packet. (This may be different for District & State competitions). Youths ages 8-18 currently enrolled in Horse are eligible to exhibit in the Horse Project.

To Compete	Level that Must Be Completed
Junior Riding Events	Level I
Intermediate or Senior Riding Events, All Roping Events & Ranch Horse Pleasure	Levels I & II
2 – 3 Year Old Western Pleasure	Levels I, II, & III
Showing at Halter	Level I written test only

D. All horses turn one year old as of January 1, regardless of the foaling date. Junior horses are those 4 years old and younger, while those 5 years old and older are Senior Horses.

E. Only purple ribbons are eligible for trophy awards.

F. Exhibitors can only show in each class once.

G. A horse may not be used twice in the same division (for example – brother and sister may not use the same horse for showmanship or a trail division).

H. Dress Code Requirements – will be described on page 23 of the Nebraska 4-H Horse Show and Judging Guide.

I. A white ribbon will be awarded for a no time in poles, barrels, and break-away.

J. Horses that kick or have the potential to kick at other people or other horses should be identified by placing a yellow ribbon on the base of the horse's tail.

K. Participants entering speed events must also be entered in a performance or halter class.

L. Age Divisions: it is the discretion of the Horse Committee to determine if there will be two or three age divisions.

Showmanship – See "Showmanship Rules" on page 33 of the 2023 Nebraska 4-H Horse Show and Judging Guide. Downloadable for $3.50 from https://marketplace.unl.edu/ne4h/4-h-horse-show-and-judging-guide-digital.html.

Class

6001L – Senior Showmanship

6003L – Intermediate Showmanship

6004L – Junior Showmanship

Western Pleasure

Horses exhibited in "Western Pleasure" are not eligible for "Ranch Pleasure".

Class

6161L – Western Pleasure Senior Rider

6163L – Western Pleasure Intermediate Rider

6162L – Western Pleasure Junior Rider

6165L – 2-3 Year Old Western Pleasure – 4-H member must us a snaffle bit, bosal, or hackamore in this class – please note that this is different from the Nebraska 4-H Horse Show and Judging Guide. NOTE: Horses shown in 2-3 Year Old Western Pleasure are not eligible for any other Pleasure classes (Level III rider required).

Ranch Riding (Level III Rider Required)

Class

6123L - Senior Ranch Riding

6124L - Intermediate Ranch Riding

Western Horsemanship

Class

6361L – Senior Western Horsemanship

6363L – Intermediate Western Horsemanship

6362L – Junior Western Horsemanship

Reining

Class

6461L – Reining – Senior Rider

6463L – Reining – Intermediate Rider

6462L – Reining – Junior Rider

Pole Bending

Class

6561L – Senior Pole Bending

6563L – Intermediate Pole Bending

6562L – Junior Pole Bending

Barrel Racing

Class

6661L – Senior Barrel Racing

6663L – Intermediate Barrel Racing

6664L – Junior Barrel Racing

Trail

Class

6861L – Trail – Senior Rider

6863L – Trail – Intermediate Rider

6862L – Trail – Junior Rider

Halter

Class

6961L – Halter – Yearling and 2 year old fillies and geldings

6962L – Halter – 3 & 4 year old mare and geldings

6963L – Halter – 5 & Up – Aged mare

6964L – Halter – 5 & Up – Aged gelding

English Pleasure

Class

7163L – English Pleasure – All ages. English Tack is required – English attire is not required.

Roping (Level II Required)

There is a $10 stock charge ($15 IF ENTERING TWO STOCK CLASSES)

Class

7561L – Senior Break–Away Roping

7563L – Intermediate Break-Away Roping

Ranch Pleasure

Horses exhibited in "Ranch Pleasure" are not eligible for "Western Pleasure".

Class

7961L – Senior Ranch Pleasure

7963L – Intermediate Ranch Pleasure

7962L – Junior Ranch Pleasure

Working Ranch Horse

There is a $10 stock charge ($15 IF ENTERING TWO STOCK CLASSES)

Class

7661L – Senior Rider

7663L – Intermediate Rider

7662L – Junior Rider

Most Versatile Horse Award

Class

7761L – To qualify for the Most Versatile Horse Award, a horse must be entered in a minimum of one (1) halter, one (1) performance, and one (1) speed event, with any combination of riders meeting ID requirements. One horse per exhibitor may be entered. Showmanship is not considered a halter event in this class. The horse must be entered in Most Versatile Horse on the County Fair form. Each horse will receive a number at check-in on show day and any horse not numbered will not be considered for the award.

Points: 3 Points – 1st Place Purple Ribbon in Class

2 Points – Purple Ribbon (Excluding First Place)

1 Point – Blue Ribbon

0 Points – Red Ribbon or White Ribbon

Most Versatile Horse–Class Qualifiers		
Performance Classes	**Halter Classes**	**Speed Classes**
English Pleasure	Halter – Yearling & 2 year old	Pole Bending
Western Pleasure	3 & 4 Year Old	Barrel Racing
Trail	Aged Mare & Aged Gelding	Break-Away Roping
Working Ranch Horse		
Reining		

The Tie Breaker will be:

      a. The horse with the most purple placings.
      b. The horse with the fewest classes entered.

Special Awards

Hollers Memorial Reining Trophy

The top horse in each reining class will return to compete for the Hollers Memorial Traveling Trophy. Instruction for the competition will be at the Judge's discretion.

Kenny Wheeler Horsemanship Award

Open to all exhibitors regardless of age. This is by invitation only at the Judge's discretion. The judge will choose a pattern or other requirements.

Horticulture

The purpose of Horticulture is to encourage participants to start and maintain vegetable and herb gardens. In addition, 4-H'ers can participate in planting, growing, and caring for flowers and houseplants. There is also a special gardening project in this category that 4-H'ers can participate in. For more resources and materials in this category refer to the resource section at the bottom of the page.

Quotas - Local

Judging Note – Depending on entry numbers, plants may be judged in batches due to time constraints. Each item will still receive a ribbon but interview questions mya not be asked on each individual plant.

Youth enrolled in Floriculture, Houseplants, or Vegetables/Herbs/Fruits may exhibit **a maximum of ONE entry per class. Entries must be the work of the 4-H member**.

Each county can select 10% of their youth enrolled in the **Everyone A Gardener** project and/or **Gardening** Unit 1- Unit 4 projects. If the county has enrollment in less than 10 projects, the county may still send exhibits from one youth.

- Youth must be enrolled in the **Everyone A Gardener** project and/or **Gardening** Unit 1 – Unit 4 projects to exhibit. An exhibitor may enter a maximum of FOUR (4) entries per person in classes 201-286 (vegetables, herbs, fruits) and 290-294 (educational exhibits). Since vegetables, herbs, and fruits are seasonal, youth may substitute and exhibit in any class, however youth are still limited to four exhibits at State Fair. Exhibits are limited to ONE EXHIBIT PER CLASS NUMBER. Entries must be the work of the 4-H member. Notebooks and posters must have received a purple ribbon at the county fair to advance to the State Fair.

Each county may select 10% of their youth enrolled in the current years' **Special Gardening Project** to exhibit at State Fair. If the county has enrollment in less than 10 projects, the county may still send exhibits from one youth.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hhorticulture.

Special Awards

Premier 4-H Science Award is available in this area. Please see click here for more details.

Divisions

Floriculture, Educational Exhibits & Houseplants

Class

<u>Floriculture</u>

Cut Flower Annuals and Biennials - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

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 inches diameter - 5 stems, 3 inches or more in diameter - 3 stems)

G770021 - Vinca

G770022 - Zinnia

G770023 - Any other annual or biennial (under 3 inches diameter - 5 stems, 3 inches or more in diameter - 3 stems) (do not duplicate entries in classes 1-22)

Cut Flower Perennials - 5 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 (3 stems)

G770038 - Liatris (3 stems)

G770039 - Lilies (3 stems) (Not Daylilies)

G770040 - Platycodon

G770041 - Rose (3 stems)

G770042 - Rudbeckia/Black-eyed Susan

G770043 - Sedum

G770044 - Statice

G770045 - Any other perennial (under 3 inches diameter - 5 stems, 3 inches or more in diameter - 3 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" in any dimension. Boxes may not be returned at State Fair. Do not duplicate entries in classes 1-45 with any in the group collection.

Educational Exhibits

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'ers 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" x 22" either vertical or horizontal arrangement. The poster may be in any medium: watercolor, ink, crayon, etc. as long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. The 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 inchesv (3-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. The 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 4 pages of text and 2 pages of pictures (include 1 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

G770060 - Flowering potted houseplant(s) - (SF107) - that are blooming for exhibition. The container may have one or more houseplants in the container. Label with 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. The container may have one or more houseplants in the container. Label with name for each plant.

G770063 - Dish garden - (SF 107) - an open/shallow container featuring a variety of houseplants excluding cacti and succulents. Label with name for each plant.

G770064 - Fairy or Miniature Garden – (SF107) - A miniature "scene" contained in an open container featuring miniature or small, slow-growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e., a bench, a fence made from tiny twigs, a small shell for a bathtub, etc. Label with 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 name for each plant.

G770066 - Terrarium - (SF107) - a transparent container, partially or completely enclosed; sealed or unsealed. Label with name for each plant.

Rules

Floriculture (Classes 1-46)

1. Classes 1-23: Cut Flower Annuals and Biennials - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

2. Classes 30-46: Cut Flower Perennials - 5 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 a potted container with several cultivars or varieties identifies 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. For Floriculture, punch a hole in the top center of the entry tag, and use a rubber band to securely attach the entry tag to containers. **See the Cherry County 4-H website for helpful resources on identifying cultivars. SAVE SEED PACKETS AND PLANT TAGS!**

4. Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped on ribbon placing. In classes 23, 45 & 46, do not duplicate entries from the already listed classes or entries will be dropped on ribbon placing. For example, 4-Her's 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 germinates, grows, and overwinters as a crown, blooms the following year, and dies. Foliage will be

considered when the exhibit is judged. **For Floriculture, punch hole in 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 entries will be dropped one ribbon placing. For example, 4-H'ers 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 the exhibit is judged.

6. All 3 or 5 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 wont tip over (NO plastic containers at State Fair) and of adequate size to display blooms. Any exhibit no tin a clear glass container will be dropped one ribbon placing. NO SCREW ON LIDS, NO RINGS OR 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.

Educational Exhibits (Classes 50-53)

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 measurements) in any dimension of length or width. No combination of pots may be ued. All potted plants are to be in 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.

Special Gardening Project

Class

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 Gardening Project Fresh Cut Flowers or Harvested Vegetables - (SF109) - The current years' 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.

Rules

1. The Special Garden Project changes annually. More information may be found at https://4h.unl.edu/special-garden-project.

Vegetables, Herbs, Fruits & Educational Exhibits

Vegetables

Vegetables, Numbers to Exhibit

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 - Jalapeño Peppers, 5

G773224 - Hot (Non-Jalapeño) 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 vegetable, 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" 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 the 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 5 cultivars from a single exhibit: for example, 5 cultivars of all types of peppers, squash, onions, or tomatoes, etc. Display in a box not more than 24" 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 the individual class (201-252). **See the Cherry County 4-H website for helpful resources on identifying cultivars. SAVE SEED PACKETS AND PLANT TAGS!**

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 herb, 5 (do not duplicate entries in classes 260-267)

G773269 - 4-H Herb Garden Display of 5 different herbs. Herbs are to be cut, NOT potted. Displayed in a box or other holder not more than 18" 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 - (SF108)

G773280 - Strawberries (ever bearers), 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

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 3-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 (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4-H'er 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 4 pages of text and 2 pages of pictures (include 1 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 5 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 talking about a minimum of 5 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 of 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 3-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.

Rules

1. The cultivar or variety name must be included on all entry cards. 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. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing. In classes 252, 255, 268, 269, 285, and 286 do not duplicate entries from any of the other classes or entries will be dropped one ribbon placing. For example, 4-H'ers 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. **See the Cherry County 4-H website for helpful resources on identifying cultivars. SAVE SEED PACKETS AND PLANT TAGS!**

2. Vegetables (Classes 1-56) Class, Vegetable, Number 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 no 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.

Resources

Horticulture

Grow foliage and bulb plants indoors; Learn what houseplants need to stay healthy; Learn about growing healthy plants; Grow flowers from seeds; Learn about caring for flowers; Plant, grow, and care for annual flowers; Grow foliage and bulb plants indoors; Learn what houseplants need to stay healthy; Choose a garden

site; Plan a garden; Grow vegetables; Select and purchase garden supplies; Grow transplants; Plan and plant a garden; Find out how seeds germinate; Learn what different plant parts do; Harvest and use your vegetables; Transplant plants into your garden; Grow plants from plant parts; Feed your garden; Earn money by growing vegetables; Learn about succession planting; Grow an herb garden; Find out about photosynthesis; Identify pest damage; Use intercrop and double crop planting methods; Plant a computer-planned garden; Identify plant diseases; Learn about plant scientists

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/106

Human Development

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.

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 the exhibit is safe for a child to use?

3. What age is this toy, game, or activity appropriate for, and why? (Infant, Birth-18 months; Toddlers, 18 mths-3 yrs; Preschoolers, 3-5 yrs or Middle Childhood, 6-9 yrs.) 4-H'ers must give at least 2 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 2 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. What item(s) were made by the 4-H'er. 4-H'er 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).

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at http://go.unl.edu/ne4hhumandevelopment.

Divisions

Human Development

Class

4-H members taking I HAVE WHAT IT TAKES TO BE A BABYSITTER may enter:

Toy, game, or activity made for a selected and identified age group. The intent is for the toy/game/activity to instruct the child in the developmental area related to each class. For example, a game that is developed to help youth learn the 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 aged 0 to 8 years. May show making something with the child, or childcare or child interactions. May include photos, captions, stories, or essays. The size of the exhibit is your choice. Other people may take photos so 4-H'er can be in the photos. 4-H'er must make a scrapbook or poster. No information sheet is needed for class 7.

C200008 - **Babysitting Kit** - (SF85) - The purpose of the kit is for the 4-H members to take this when they babysit in someone else's home. Do not make a kit for a combination of ages or for your own family to use. 4-H members must make one or more items in the kit, but purchased 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 the kit must be safe for a child to handle. Most importantly the kit should serve a defined purpose, not just be a catch-all for several items.
The 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 2 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**. What 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 dollhouse 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.

4-H'ers taking GROWING ALL TOGETHER (2 or 3) may enter:

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, and mentally. A television evaluation (see project manual). How you have overcome obstacles. Friendships. A community profile. A community service project. Working with parents. Teaching experiences. Understanding discipline. Playground safety check.

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

Resources

Human Development

Learn skills and techniques of child care; Find out how to be a caring sitter; Learn to provide a safe environment for children; Explore how people grow and develop; Inspect toddler toys, minimize hazards; Learn about roles in life, handling emotions; Learn about self care, rules, responsibility and safety; Introduction to babysitting; Gain awareness of common dangers in the world; Explore child development careers; Gain experience as a teacher or coach; Participate in a community service project

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/53

Knot Tying – Not Eligible for State Fair

Class

06020L -Knot tying board – 48 Inches x 24 inches or less in size. See How to Make a Knot Board FINAL.pdf (ohio4h.org) for guidance.

06021L - Rope halter

06022L - Dog leash

06023L - Design your own project using knot-tying techniques

06024L - Video demonstrating at least 3 knot-tying techniques. Must save on a jump drive compatible with a PC computer or provide a YouTube video link. Should be 3-10 minutes in length.

Resources

Knots

Knots | Ohio 4-H Youth Development (ohio4h.org)

How to Make a Rope Halter Layout 1 (ohio4h.org)

<u>Leathercraft</u>

<u>*NEW* - May now be exhibited in Visual Arts Class C26011 and is State Fair Eligible.</u>

Resources

University of Idaho Leathercraft Project: Leathercraft Project - UI Extension 4-H Youth Development - University of Idaho (uidaho.edu)

Oregon State Leathercraft Manual Leathercraft (oregonstate.edu)

Livestock & Animals

There is a Cherry County 4-H Livestock Facebook group where you can stay up-to-date. Contact the Extension Office if you need help joining!

General Rules

A. Eligibility of Exhibitors – See Cherry County 4-H Fair Rules and General Class Rules, page 3.

B. Ownership of Animals – All animals must be owned by the exhibitor. Ownership of beef, sheep, swine, dairy, and goats must be certified where required on the appropriate 4-H ID forms and filed with the Extension Office. Some lease arrangements are acceptable for dairy animals but must be certified on the appropriate forms and filed with the Extension Office.

C. ID Guidelines – Livestock ID forms must be submitted to the Extension Office for County Contests as follows:

ID Deadline	Animal
June 3rd	Horse
	Market Beef
	Feeder Calves
	Market Lambs
	Meat Goats
	Market Hogs
	All Other Livestock (Breeding, ETC. except for Poultry & Rabbits)
June 15th	State Fair Livestock Nominations. The website can be found at State Fair Livestock Identification, Nomination & Entry	Nebraska 4-H (unl.edu). **Please inform the Extension Office by June 3rd if you will be nominating animals for State Fair.**

- All **market animal** forms must be accompanied by photographs of all animals with 4-H/FFA ear tags **in the ears**. **Please submit per the instructions given by the Extension office.**
- Stocker feeder calves <u>will not</u> be required to have a photograph with the tag in the **ear until July 15, 2024**. Feeder calf options must be identified on the appropriate identification form by **June 3, 2024**. Please use ranch identification numbers for the calves on the initial form.
- Ranch tags are acceptable for <u>breeding</u> beef, sheep, and goats ONLY showing on the county level. Breeding swine follow the universal ear notch system. Bucket calves are not required to have a 4-H tag, but should still be ID'd with a ranch tag.
- If nominating for State Fair, beef & swine will need EID tags & DNA samples.

D. 4-H, FFA & Open Class Policy – Exhibitors entered in any livestock projects cannot exhibit the same project animal in both 4-H and FFA. Animals shown in 4-H may be shown in Open Class but are not eligible for Open Class ribbons or premiums.

E. County Fair Pre-Entry Forms –No longer required for livestock in mid-July. As in the past, exhibitors will only be allowed weigh in a maximum of 3 market animals per class and those animals should be listed on the appropriate ID form due June 3rd.

F. Exhibitors are only allowed to **show 2 animals per class**.

G. Animal Housing –
    1. Exhibitors are responsible for removing any remaining animals that will not be shown or sold from the fairgrounds no later than the evening of weigh-in.
    2. All livestock being shown are to stay housed at the fairgrounds after check-in on Thursday, including cow/calf pairs. This policy excludes Feeder Calves, Breeding Heifer Calves, and FFA Bulls that check-in on Saturday morning. If there are concerns about keeping goats penned, please discuss it with the Extension staff. ***Due to space restrictions because of increased enrollment, more breeding and dairy animals may be asked to house at home until show day.**
    3. No livestock or other animals are allowed to remain housed at the fairgrounds after the Livestock Sale is completed.

H. Dress Code Reminder – See General County Fair Rules, Item I.

I. Ethics Affidavit – Youth livestock producers understand they have an obligation to be responsible food producers. All market beef, sheep, swine, and goats will enter the food chain and become edible products for the consuming public. A 4-H/FFA Market Livestock Ethics Affidavit and Statement of Disclosure form must accompany each market animal at the time of County Fair weigh-in (forms will not be accepted prior to County Fair weigh-in). Each exhibitor will be asked to submit a signed 4-H/FFA Market Livestock Ethics Affidavit and Statement of Disclosure form certifying correct information about any market livestock project regarding withdrawal time from legal drugs, vaccines, or other substances, no use of unapproved drugs, and no feeding of "prohibited" mammalian derived protein (i.e., ruminant meat and bone meal) while under the care of the exhibitor.

J. Animal Testing & Health Examination – Any animal entered in 4-H classes are subject to any testing at the discretion of either the Livestock Committee or a licensed veterinarian. If the result of testing indicates the possible use of compounds or drugs not approved for use in that species by the FDA, or compounds or drugs used outside the specified withdrawal requirements of the FDA, the animal will be declared ineligible for exhibition and the exhibitor will be ineligible for awards. In the case of market livestock, the Livestock Committee or a licensed veterinarian will determine the appropriate disposal of the animal. Any tampering with livestock to change appearance or weight may be reasonable cause for the Livestock Committee to declare the animal ineligible for exhibition and/or the Livestock Sale. Animals with active ringworm, or visible warts, will not be allowed for exhibition at County Fair. The Livestock Committee may determine the ringworm to be inactive if the lesion area is not encrusted and hair has begun re-growth in the affected area(s). Animals with non-visible warts by means of visual and hands-off inspection will be allowed to remain on the premises and be exhibited. Hogs with exposed needle teeth may be ineligible to show by the discretion of the Livestock Committee. Under no circumstances may animals under quarantine be exhibited.

K. Quality Assurance Training – Exhibitors entered in beef, dairy, goats, sheep, swine, poultry, and rabbits (except pet rabbits) must have received YQCA through a UNL Extension based program prior to the County Fair. Training may be done online or at a class held by Cherry County 4-H**. QA training must be completed by July 15, 2024.** A record of program attendance or satisfactory completion of a written exam is required and is to be kept on file at the Extension Office. Completion of Quality Assurance training by exhibitors must be certified by county Extension staff.

L. Fitting Rule – All 4-Hers are encouraged to fit their own animal(s). If someone other than a family member or another 4-H member is involved in fitting an animal, the animal is subject to disqualification by the discretion of the Livestock Committee.

M. Uncontrolled Animals – An animal that is or that becomes wild and uncontrollable during the County Fair may be declared ineligible by the Livestock Committee.

N. Substitute Showman – An animal must be shown by the 4-H owner who entered the animal unless the exhibitor is excused by the Livestock Committee. Exhibitors may be excused by serious illness or disability due to an injury. Exhibitors may also be excused if there is a conflict with class times within the 4-H show. The need for a substitute showman must be brought to the attention of the Livestock Committee as soon as possible. A substitute showman will be allowed in certain emergencies or if an exhibitor has two (2) animals in one (1) class. The substitute showman must be a 4-H or FFA member of Cherry County.

O. Livestock Weigh-ins – No re-weighs will be allowed on any livestock at the County Fair weigh-in. No allowance for shrink.

P. The Livestock Committee has the right to break classes if deemed necessary.

Q. State Fair & AK-SAR-BEN – It is the responsibility of State Fair and AK-SAR-BEN entrants to obtain current information regarding rules and policies for these events. Information may be obtained online or from the Extension Office. **Note: the age of eligibility for State Fair has now been lowered to 8 as of January 1 of the current year.**

R. Clover Kids may show livestock animals (not horses) that weigh no more than 350 pounds at the time of the show. They do not have to own the animal, but the animal must have the proper identification. They typically show before the 4-H show in each class.

S. Blocking Chutes - Blocking chutes will be in designated areas only. No blocking chutes or other grooming equipment will be allowed in the alleys. All equipment must be in the club's own stall area, or outside the barn.

T. Fans - Fans for cooling cattle must be mounted. Free-standing fans are not allowed.

Livestock Showmanship

Guidelines

1. Members are encouraged to participate in the showmanship class. Information on livestock showmanship (beef, sheep, and swine) contests is found in 4H357, "Guide for Livestock Showmanship Contest", and is available from the Extension Office. Showmanship judging is based on preparation of animals for show. Animals are evaluated on apparent training and appearance. Exhibitors are evaluated on behavior, knowledge, and showmanship abilities. Minor technical points are not to be over-emphasized, nor do minor infractions disqualify. In showmanship, primary evaluation is based on the skill of the showman in presenting the animal before the judge, not the individual excellence of the animal.

2. The Livestock judge or Livestock Committee may disqualify any 4-H or FFA exhibitor from showmanship for any violation of rules or unsportsmanlike conduct at the County Fair.

Livestock Sale

Guidelines

1. Sale Order - Champion and Reserve Champion animals will be sold first. The Livestock Committee will determine the order in which the species will sell. Animals will sell in the same species order as the champion animals. If an exhibitor has more than one species of an animal the second animal will not be sold until all other exhibitors have sold at least one animal.

2. Sale Eligibility - If a market animal is going to be shown after the Cherry County Fair, the animal is ineligible to be sold. The exhibitor must notify the Livestock Committee at weigh-in if their animal is going to be shown after the County Fair. If there are any other reasons an exhibitor does not want to sell their market animal, they must notify the Livestock Committee at check-in.

3. Weight Requirements - Animals must meet the following weight requirements to be eligible to sell in the 4-H/FFA Livestock Sale:

> Market Steers   = 1100 – 1500 lbs.
> Market Heifers = 1050 – 1400 lbs.
> Market Hogs   =   230 – 320 lbs.
> Market Lambs   =   110 – 170 lbs.
> Meat Goats   =   50 – 140 lbs.

See Animal Rules, Item F in reference to removing animals that do not meet weight requirements from the fairgrounds. Keep in mind there are progress classes for underweight livestock.

4. Exhibitors are allowed to sell a total of 2 units, with no more than two of any species of livestock.

Species	Units
Market Beef	1
Market Swine	½
Market Sheep	½
Meat Goat	½

SPECIAL COMPETITIONS

1. Cherry County Premier Livestock Exhibitor Award

The Premier Livestock Exhibitor Award is designed to recognize and honor 4-H members that show a dedication to the agricultural industry. Winners of this award will have demonstrated their passion, hard work, and integrity through participation in events related to their livestock projects. 4-H exhibitors must meet the minimum requirements, have the highest score from the point system, and show at least one of the species of beef, sheep, swine, goat, and/or dairy to qualify. Points will be accumulated starting after the end of the Cherry County Fair of the previous year until/including County Fair livestock shows of the current year. The winner will be awarded their choice of a belt buckle, or an equivalent monetary award donated by the Dale and Karen Bowlin family.

Guidelines

1. **Minimum requirements:**
    a. Exhibit in Cherry County Fair livestock show(s)
        - Points: Champion – 5; Reserve Champion – 4; Purple – 3; Blue – 2; Red – 1

b. Participation in Cherry County Fair Showmanship contest(s)
- Points: Champion – 5; Reserve Champion – 4; Purple – 3; Blue – 2; Red -- 1

c. Application is an essay addressing why Quality Assurance is important to the animal industry.
- Worth a total of 20 points. Must be submitted with County Fair entries or emailed to mgarwood3@unl.edu **by July 15, 2024**.
- Prefer the essay to be typed. A suggestion of a minimum of 100 words for Juniors, 200 words for Intermediates, and 300 words for Seniors. Quality is stressed over quantity.
- May address a specific or multiple species.

2. Additional points:
a. Participate in the 4-H Livestock Judging contest - 5 points
b. Participation in 4-H Team Fitting/Salesmanship contest - 5 points
c. Participation in local other livestock judging contests or clinics - 5 points
   1. Participation at local or other fitting clinics or contests - 5 points
   2. Exhibiting at other livestock shows - 5 points
   3. Participation at local or other livestock showmanship clinics - 5 points
   4. Participation at PASE - 5 points
   5. Volunteer service at county livestock-related events & activities - 5 points

Documentation from club leaders will be required. Proof of county shows clinics and contests will be required. Documentation of county events and shows need to be submitted with the Quality Assurance essay.

2. Round Robin Showmanship

An exhibition of beef, swine, sheep, and goats will be performed in Round Robin Showmanship. The Champion and Reserve Champion Senior Showman for beef, sheep, swine, and goat will compete in this event. Once a 4-H'er is named Champion Round Robin Showman, they are ineligible to participate in the competition for two years. If a Champion or Reserve Champion showman is ineligible, the purple ribbon winner following the Reserve Champion showman will then be eligible for Round Robin Showmanship.

3. Sandhills Production

Sandhills Production is available for **ALL** Livestock Classes. Sandhills Production is completely developed for beef. See page 101. More details are available at the Extension Office for youth interested in starting Sandhills Production for another species. Sandhills Production can also be utilized in FFA.

4. Livestock Herdsmanship

Premiums	Purple	Blue	Red	White
Organized Clubs:	$7.00	$5.00	$3.00	$1.00
Independent:	$4.00	$3.00	$2.00	$1.00

Class

1001L – Herdsmanship, Independent Family

1002L – Herdsmanship, Organized Club

76832L - James Sexson Memorial Herdsmanship Contest

Rules

A. All Independent(s) and Organized Clubs will be automatically entered in Herdsmanship.

B. Judging may occur at any time the barns are open to the public. Consideration will be given to those involved in shows if Herdsmanship judging should occur during show times.

C. Livestock exhibitors are expected to keep their quarters orderly, neat, and as attractive as possible.
Areas incorporated into the Herdsmanship judging include the wash areas, assigned blocking chute areas, and tie-out pens.

D. Stall cards need to be on display at indoor stalls at all times.

E. Herdsmanship duties are the responsibility of the exhibitors, not of leaders and parents.

F. Criteria for Judging:

1. Animals should be comfortable and secured with proper restraints. Halters, neck ties, muzzles, lamb tubes, etc. should not pose harm upon any animal.

2. Stalls are to be kept clean and neat; bedding clean and fresh; feed and feed pans clean and in place or in tack area; water buckets/tubs clean and fresh; tack should not be stored in the stall areas where animals are secured.

3. Tack and feed storage area is to be kept clean and neatly arranged.

4. Exhibitors' alley area kept clean. Loose dirt and dust kept under control by sprinkling. Wheelbarrows kept outside. Allys must be swept and clean by 9:00 AM and cleaned after tie-outs at 8:00 PM.

5. Exhibitors are allowed to enhance their stall area. Enhancements are not allowed to be offensive, nor should the enhancements damage the fairground facilities. Enhancements include decorations, stall panels, etc.

6. Proper courtesy and conduct are to be demonstrated by exhibitors at all times and in all places during any 4-H sponsored event.

G. Exhibitors are responsible for cleaning tie-out pens, barn stalls, and wash areas at the end of the County Fair.

5. <u>Beef Team Fitting</u>

See page 97 for details (in Beef Division).

<u>Beef</u>

Rules

Eligibility for State Fair

Refer to the State Fair Livestock Identification and Nomination Requirements for information on exhibitor eligibility at the State Fair. It is strongly encouraged that all exhibitors read and understand the Nebraska State Fair Livestock General Rules and Regulations and Livestock Health Requirements. These documents can be found on the Nebraska State Fair website. **State Fair age divisions and classes are very different than our local classes, so please plan accordingly.**

Divisions

Beef Showmanship

Premiums **–** P=$5.00 B=$4.00 R=$3.00 W=$2.00

Class

01061L – Junior Beef Showmanship (8 – 10 years old before January 1 of the current year)

G010010 - Intermediate Showmanship (11-13 years old before January 1 of the current year)

G010011 - Senior Showmanship (14 years old and up before January 1 of the current year)

Rules
1. Showmanship Entry - All 4-H exhibitors are automatically registered but not required to show in Showmanship. Exhibitors must show their own animals and must show them in the class assigned.

Market Beef

Premiums: P=$10.00 B=$7.50 R=$5.00 W=$4.00

Class

011061L – Market Steer

011062L – Progress Beef Steer

011063L - Market Heifer

011064L – Progress Beef Heifer

Note- Different class system for showing at State Fair. The link to the website is
https://4hfairbookmanage.unl.edu/fairbookview.php/animals/6

Rules

1. Market Beef Identification & DNA Requirements – To be eligible to show at County Fair, all market beef steers and heifers must be tagged with a 4-H or FFA market beef ear tag by **June 3, 2024. If competing in the State Fair, please note special DNA regulations or deadlines. An EID tag is also required.**

2. Weights – Market steers weighing less than 1100 lbs. and Market heifers weighing less than 1050 lbs. will be eligible to show in the Progress Beef classes. Market steers weighing over 1500 lbs. and market heifers weighing over 1400 lbs. will be eligible to show in Heavyweight classes. All underweight and overweight market steers and market heifers are not eligible to sell in the Livestock Sale.

3. Progress Class – All steer calves born the previous year and weighing less than 1,100 lbs. are eligible to show in the Progress Beef Steer Class. All heifer calves born the previous year and weighing less than 1,050 lbs. are eligible to show in the Progress Beef Heifer Class. Progress steers and heifers are not eligible for the Livestock Sale.

4. Class Breakdown –Market steer and market heifer classes are broken and shown by animal weight at the discretion of the Livestock Committee. The Livestock Committee reserves the right to combine market beef classes if there are less than 3 animals entered per class by weight.

5. Awards – A Champion and Reserve Champion market steer will be selected from the top two purple ribbon winners of each market steer class meeting weight requirements. A Champion and Reserve Champion market heifer will be selected from the top two purple ribbon winners of each market heifer class meeting weight requirements. Progress steers and overweight steers are not eligible for Champion or Reserve Champion Market Steer. Progress heifers and overweight heifers are not eligible for Champion or Reserve Champion Market Heifer.

Breeding Beef

Premiums: P=$10.00 B=$7.50 R=$5.00 W=$4.00

Class

01215L - British Registered

01216L - British Commercial

01217L - Crossbred Registered

01218L - Crossbred Commercial

01219L - Cow/calf Pair

Note-Different class systems if showing at the State Fair. The website can be found here.

Rules

1. ID Eligibility – (commercial heifers) Any commercial breeding heifer entered into County Fair is eligible to show in the beef breed show if the commercial breeding heifer has a known birth date and is identified by an ear tattoo or ear tag (ranch tag acceptable). Exhibitors must file the Breeding Beef ID form with the Extension Office by June 3 of the current year. Any commercial heifer tagged with a 4-H or FFA market beef ear tag will not be allowed to show in any breeding heifer class at County Fair. The website for the Beef section for the State Fair Book can be found at https://4hfairbook.unl.edu/fairbookview.php/animals/6.

2. ID Eligibility – (registered heifers) Any registered breeding heifer entered into County Fair is eligible to show in the beef breed show if the registered breeding heifer has been registered by an official breed association. Exhibitors must file the Breeding Beef ID form with the Extension Office by June 3 of the current year. Tattoos may be checked by the Livestock Committee and proof of breeding may be requested by the Livestock Committee. Non-registered breeding heifers must show in a commercial breeding heifer class. The website for the Beef section for the State Fair Book can be found at https://4hfairbook.unl.edu/fairbookview.php/animals/6.

3. Breed Show – A minimum of six (6) registered breeding heifers per breed is required to hold a breed show. If a heifer is entered in the Registered Class and the minimum requirement of 6 breeding heifers per breed is not met, the heifer will be either entered in the Crossbred or British class. A breed show will not consist of more than two classes.

4. Class Breakdown – Breeding Heifer classes are broken and shown by animal age by the discretion of the Livestock Committee. Breeding Heifer age groups are as follows: Yearling Heifers born between January and

August of the previous year, Heifer Calves born between September of the previous year and May of the current year.

5. Awards - A Champion and Reserve Champion British Breeding Heifer will be selected from the top two purple ribbon winners. A Champion and Reserve Champion Crossbred Breeding Heifer will be selected from the top two purple ribbon winners. If a breed show occurs, awards will be ordered after County Fair.

6. Breeds – British breeds include only Angus, Red Angus, Shorthorn, and Hereford. Non-British breeding heifers must be entered in the Crossbred Commercial or Registered Class.

7. The Cow/Calf Pair class – is designed for halter/show broke cows and their halter/show broke progeny. The Cow/Calf Pair class is not a pen show. Exhibitors entered in the Cow/Calf Pair are responsible for finding a substitute showman to show either the cow or the calf entered in the Cow/Calf Pair class. The substitute showman must be a 4-H or FFA member of Cherry County. A Champion and Reserve Champion Cow/Calf Pair will be selected from the top two purple ribbon winners. Calves shown in the Cow/Calf Pair class are eligible to show in the Feeder Calf or Breeding Heifer Calf Show.

Sandhills Production Beef – Not Eligible for State Fair

Class

Cattle will be shown based on the age of the project and include Fall and Spring born cattle.

61L - Calf

62L - Open or Bred Heifer up to 30 months of age

63L - Cow/Calf pair

Rules

1. Youth must be enrolled in Breeding Beef.

2. To participate in the Sandhills Production class, 4-Hers must be enrolled in the breeding heifer project and complete the Nebraska 4-H and FFA Breeding Beef Ownership Affidavit. Members must follow project enrollment, affidavit, and Quality Assurance submission deadlines. The animal(s) must be in the possession of the 4-Her at the time the animal ID is due on June 3rd.

3. This is a progressive project. To start, 4-Hers will exhibit either a breeding heifer calf or a yearling heifer. The following year, the heifer would either be shown as a yearling or as a cow/calf pair. 4-Hers will continue exhibiting a cow/calf pair or exhibit that cow's progeny as a yearling.

4. If showing a pair, 4-Hers have the option of showing the calf in the Stocker Feeder class or in the Sandhills Production calf class. If the exhibitor chooses to show the calf as a Stocker Feeder, it cannot show as a calf in the Sandhills Production class.

5. 4-Hers may begin this project at any time during their 4-H career. A monetary award will be given for the cumulative participation in the Sandhills Production class and will be awarded when the member completes his or her last year of 4-H. Youth must maintain their 4-H enrollment every eligible year to receive their monetary award.
6. 4-Hers will be equally judged and rewarded on three components at County Fair:

Ranch Plan- 1/3 of total points
Live cattle evaluation by county fair judge – 1/3 of total points
Personal interview – 1/3 of total points

7. Points will be awarded as follows:
75 to 99 points – Purple
50 to 74 points – Blue
25 to 49 points – Red
0 to 24 points – White

8. Monetary awards will be given at the completion of the member's 4-H career. Each year's award and the number of years of participation based on the above point system will be given. 4-Hers will not be paid for more than three projects per year. However, more projects may be exhibited.

Purple -$75   Blue-$50   Red - $25   White - $0

9. A guide of what the Sandhills Production Ranch Plan (record book) should include is below. This can also be found on the Cherry County 4-H website here.   4-H'ers are encouraged to include additional information that is important to their project.

a. Genetics/Pedigree; Pedigree if registered. Breed(s) of the heifer.

b. Breeding Plan: What is it or will it be bred to? Natural, Embryo, or A.I.

c. Financial Statement: Cost associated with the project, money borrowed and interest, projected income, etc.

d. Nutritional Program: What did your animal eat? Include range, hay, supplements, and protein.

e. Veterinary Practice: Vaccinations, health program, parasite control.

f. Summarize the project with what you have learned and future goals.

10. 4-Hers experiencing a hardship (i.e., death) with their animal are encouraged to complete their project. Their Ranch Plan must be submitted, and interviews take place to be awarded points for the year.

Feeder Calf

 Premiums: P=$10.00 B=$7.50 R=$5.00 W=$4.00

Class

2361L - Crossbred Feeder Calf Steer

2362L - British Feeder Calf Steer

2363L - Crossbred Feeder Calf Heifer

2364L - British Feeder Calf Heifers

2370L - Bull Calf – FFA entries only

Note-Different class systems if showing at the State Fair. The website can be found here.

1. **ID Eligibility – Exhibitors must file the Feeder Calf ID form with the Extension Office by June 3rd of the current year.**

Rules

1. Calves exhibited in this division must be identified with an official 4-H ear tag by the pre-entry deadline of July 15th, 2024. Photos of tagged calves must be submitted and have the Feeder Calf ID form on file with ranch tag numbers with the Extension Office by June 3rd of the current year. If also exhibiting at State Fair, an EID tag is required and there are additional regulations and deadlines.

2. Entries may be heifer and/or steer calves, born during the current year before June 1if showing County only. If showing at the State Fair, calves must be born January 1 through April of current year.

3. Awards – A Champion and Reserve Champion will be selected from the top two purple ribbon winners of each class.

4. Breeds – British breeds include only Angus, Red Angus, Shorthorn, and Hereford. Non-British breed feeder calves must show in a crossbred feeder calf class.

5. Class Breakdown – Feeder calf steer and heifer classes are broken and shown by animal weight at the discretion of the Livestock Committee. The Livestock Committee reserves the right to combine feeder calf steer with feeder calf heifer classes if there are less than 3 animals entered per class by weight.

<u>Bucket Calf</u> – Not eligible for State Fair

Premium: P = $5.00 B = $4.00 R = $3.00 W = $2.00

Class

661L - Bucket Calf

662L - Clover Kid Entry

Rules

1. Exhibitor must be 4-H age **<u>8-12 years old</u>** to show in the 4-H class.

2. Exhibitors are not eligible to show in other beef classes, including showmanship, if entered in Bucket Calf. The Bucket Calf project is a beginner-level class. The Bucket Calf project may be repeated during the years of exhibitor age eligibility if the exhibitor does not exhibit other beef animals.

3. Judging criteria will include calf health and cleanliness, exhibitor project knowledge, courtesy, and animal handling ability, as well as completion of the Bucket Calf Project Records.

4. Bucket Calf Project Records must be completed and submitted to the Extension Office at the time County Fair Livestock entries are due.

5. Bucket calves may be orphan or newborn calves selected within 2 weeks of birth. Bucket Calves may be male or female and or dairy, beef, or crossbred breeds. <u>Bucket calves are to be bucket or bottle-fed.</u> Bucket calves must be born between January 1 and June 1 of the current year. Exhibitors must turn in the Bucket Calf ID form to the Extension Office by June 1 of the current year. Ranch tags are suitable for identification.

6. Bucket Calves are not eligible to be sold in the Livestock Sale.

<u>Team Fitting Contest</u> – Not Eligible for State Fair

To provide an opportunity for 4-H exhibitors in a team setting to demonstrate present fitting and showing techniques of beef animals. 4-H exhibitors and families may observe the techniques and skills used to prepare a beef animal for the exhibition. 4-Hers will have an opportunity to learn new skills as well as apply existing knowledge while competing in a friendly and sportsmanlike atmosphere.

Class

9061L – Beef Team Fitting

Rules

1. Any 4-H member may participate in the fitting contest.

2. Teams will consist of 3 people. Each team must include a member 13 or under.

3. Each team will be responsible for bringing or finding a clean, dry animal, free of any grooming products to be used in the team fitting contest.

4. Team members will provide their own blocking stand and all equipment needed to groom the animal.

5. Each team will be allowed 20 minutes to groom their animal. Team members will be judged through the 20 minutes. Each team is expected to use the full allotted time. No points will be added or subtracted for faster or slower ability.

6. After the 20 minutes have passed, teams will draw for the order of oral presentations. Presentations will be from 3 to 6 minutes long. Each individual on the team is expected to speak during the time period. The objective of each team will be to convince the judge(s) that they should purchase the team's entry. You will be "selling" your animal to the judge. Your presentation should include the performance or expected performance of your animal's intended use. (This is what the animal will do for you and why.) Other information you feel is important may be given. Judges' questions may not be limited to your presentation.

Scoring:

Knowledge – 25 points
Ability to communicate – 25 points
Team Organization – 25 points
Overall effect – 25 points

1. Awards will be given to the Champion and Reserve Champion teams. Participation will be awarded to all exhibitors.

2. All team members will be responsible for removing the grooming products from the animal once the contest has commenced.

Resources

Breeding Beef
Learn about beef cattle breeds; Learn how to care for beef animals; Learn to make buying decisions based on performance and visual evaluation. **URL:** https://4hcurriculum.unl.edu/index.php/main/program_project/3

Bucket Calf
Learn how to care for young beef or dairy animals; Learn what kind of records should be kept for animal projects. **URL:** https://4hcurriculum.unl.edu/index.php/main/program_project/1

Feeder Calf
Learn about beef cattle parts; Find out how to feed beef animals to achieve a reasonable amount of gain **URL:** https://4hcurriculum.unl.edu/index.php/main/program_project/2

Market Beef
Learn about beef cattle parts; Calculate the cost to raise a market beef animal; Learn how to select project animals. **URL:** https://4hcurriculum.unl.edu/index.php/main/program_project/4

Dairy Cattle

Premium: P = $5.00 B = $4.00 R = $3.00 W = $2.00

Class

4861L - Dairy

4862L - Clover Kid Entry

Rules

1. Guidelines – General Animal Rules apply to this section.

2. ID Eligibility – Exhibitors must file the Dairy ID form with the Extension Office by **June 1st** of the current year.

3. Registered and commercial breeds will show together. Class breakdown is at the discretion of the Livestock Committee.

4. Showmanship – Will be broken into 4-H age classes at the discretion of the Livestock Committee.

Dairy Showmanship

Class

4061L - Dairy Showmanship

Resources

Dairy Cattle
For State Fair guidelines and rules please visit
URL: https://4hfairbookmanage.unl.edu/fairbookview.php/animals/6

Explore dairy cattle breeds, select calves, and identify parts; Focus on housing, hay quality, milking, and health; Select cattle through records, promote dairy products, and explore careers
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/7

Goat

Eligibility

Refer to the State Fair Livestock Identification and Nomination Requirements for information on exhibitor eligibility at the State Fair at https://4h.unl.edu/state-fair/live-animal-exhibitor.

Divisions

Premium: P = $5.00 B = $4.00 R = $3.00 W = $2.00

Goat Showmanship

Class

5066L - Junior Meat Goat Showmanship – 8 - 10 years old before Jan 1 of the current year.

G058008L - Intermediate Meat Goat Showmanship – 11 - 13 years old before January 1 of the current year.

G058009L – Senior Meat Goat Showmanship – 14 years and up before January 1 of the current year**.**

7024L – Junior Dairy Goat Showmanship – 8 – 10 years old before January 1 of the current year.

7025L – Intermediate Dairy Goat Showmanship – 11 – 13 years old before January 1 of the current year.

7026L – Senior Dairy Goat Showmanship – 14 years and up before January 1 of the current year.

Rules

   A. **Showmanship** – Will be broken into 4-H age classes if there are five or more exhibitors in any particular 4-H age class at the discretion of the Livestock Committee. There will be showmanship for meat goats and for showmanship for dairy goats but they are judged separately.

Market Meat Goat

Class

G058010 - Market Goats - (wethers and does)

5860L - Progress Market Goat

5862L - Clover Kid Entry (Cannot be sold by Clover Kid at 4-H Livestock Sale)

Rules

   A. **ID Eligibility** – Exhibitors must file the Market Goat ID form with the Extension Office by June 3rd of the current year for meat goats. Please follow appropriate Scrapie Tag regulations found at Sheep and Goat Identification Requirements | Nebraska Department of Agriculture. Photos of tagged market goats must be submitted with ID forms.

   B. **Meat goats should weigh 50-140 pounds for the market class**. Meat Goats weighing less than 50 pounds will show in the Progress Meat Goat class and will not be eligible for the Livestock Sale. Meat Goats weighing over 140 pounds will be eligible to show, but will not be eligible for the Livestock Sale. Underweight and overweight Meat Goats are not eligible for Champion or Reserve Champion Meat Goat.

   C. **Class Breakdown** - Meat Goat classes are broken and shown by animal weight at the discretion of the Livestock Committee. The Livestock Committee reserves the right to combine Meat Goat classes if there are less than 3 animals entered per class by weight.

   D. **Horns** – Blunting, tipping, and dehorning is permitted.

   E. **Show class and sex –** market goats may be a doe or wether kid. Short scrotum, cryptorchid, and buck kids are not eligible.

   F. **Youth for the Quality Care of Animals (YQCA)** – Nebraska 4-H requires all youth enrolled in livestock projects to complete annual quality assurance training through Youth for the Quality Care of Animals (YQCA). Refer to the Nebraska State Fair General Rules and Regulations for additional information.

Breeding Meat Goat

Class

05871L - Breeding Goat – (Does Born 9/1/2023 to 8/31/2024). Does born prior to 9/1/2023 are ineligible to show.

05872L - Doe Kids - (Does Born 9/1/2023 to 6/1/2024).

05873L - Junior Herd - (3 goats, any combination of breeds, one of which must be bred by exhibitor and one must be in milk).

05874L – Clover Kid Entry

Rules

    a. Exhibitors must file the Breeding Meat Goat ID form with the Extension Office by June 1. Please follow appropriate scrapie tag regulations at https://extension.unl.edu/statewide/cass/scrapie-tags-for-sheep-and-goats

    b. **Horns** – Blunting, tipping, and dehorning is permitted. Registered does may have horns per ABGA Breed Standard.

    c. **Youth for the Quality Care of Animals (YQCA)** – Nebraska 4-H requires all youth enrolled in livestock projects to complete annual quality assurance training through Youth for the Quality Care of Animals (YQCA). Refer to the Nebraska State Fair General Rules and Regulations for additional information.

Dairy Goat

Class (Kid)

Grade and Purebred Dairy Goats will show in the same Breed Division. At this time, all breeds are shown together by age as well.

05884L - Doe Kid - aged 1 year and under

Class (Non-Milking Does)

05877L - Non-Milking Doe – aged 1 year and up

Class (Milking Does)

05878L - Milking Doe – aged 1 year and up

Class

05881L Junior Herd (does that have not kidded, under age 1 year)

05882L Dairy Herd (does of any age that has kidded but may be in milk)

05883L – Clover Kid Entry (any class)

General Rules:

1. Dairy Goats – Officially identified on the Nebraska 4-H Dairy Goat Identification Affidavits AND official USDA Scrapie Tag needed for breeding and female goats, u**nless they are registered, and the tattoos have a unique premise ID and an animal ID. See the USDA website for more details. That website can be found at** USDA APHIS | Registry Tattoos Approved for Use as Official ID for the Scrapie Program.

2. Entry limit: two animals per class

3. All goats, with the exception of dairy goats in milk, must be entered on Thursday of Fair week at the designated time, if space allows. Exhibitors will be notified.

4. Dairy goats in milk may be brought in the day of the goat show and will be released at the conclusion of the show.

5. All does exhibited in a herd should also be shown in their respective age classes.

6. Three Champion Awards will be given for non-herd classes: Champion Kid, Champion Milker, and Champion Non-Milker. These Champions will be chosen from all first and second-place goats in the respective classes, provided that they are of purple ribbon quality.

Resources

Breeding Meat Goat
Learn about breeding meat goats; Learn how to care for meat goats; Learn to make buying decisions based on performance and visual evaluation
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/10

Dairy Goat
Learn about goat parts and breeds; Figure the cost to raise goats; Find out how to care for goats
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/9

Meat Goat
Learn and practice important life skills, such as decision making, record keeping, marketable skills, planning and organizing, and self-responsibility; Demonstrate good caretaking of the animals, land, and other resources involved; Help to spread knowledge about meat goat products and the meat goat industry
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/11

Pygmy Goat
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/184

Sheep

Rules

A. ID Eligibility – Exhibitors must file the Market Lamb ID form with the Extension Office by June 3rd of the current year. Photos of tagged market lambs must be submitted to the Extension Office with ID forms. Breeding ewe exhibitors must file the Breeding ewe ID form with the Extension Office by June 3rd of the current year. Please follow appropriate scrapie tag regulations. This can be found at Https://nda.nebraska.gov/animal/diseases/scrapie/identification.html?msclkid=cecd424eb6b211ecaa1087bdd8166c08

B. Market lambs should weigh 110-170 pounds for the market class. Lambs weighing less than 110 pounds must show in the Progress Lamb class and will not be eligible for the Livestock Sale. Lambs weighing over 170 pounds will be eligible to show but will not be eligible for the Livestock Sale. See Animal Rules in reference to removing animals that do not meet weight requirements from the fairgrounds. No underweight and overweight lambs are eligible for Champion or Reserve Champion Market Lamb. Please follow appropriate Scrapie Tag regulations.

C. Class Breakdown – Market Lamb classes are broken down and shown by animal weight at the discretion of the Livestock Committee. The Livestock Committee reserves the right to combine market lamb classes if there are less than 3 animals entered per class by weight.

D. Breeding ewes will be shown by breed and/or age at the discretion of the Livestock Committee. Ewe Lambs are born on September 1 of the previous year and after. Yearling ewes are born in the 12 months before September 1 of the previous year.

E. Dual Eligibility (Market and Breeding) - Ewes may be eligible as both market and breeding, provided a DNA collector envelope with hair samples has been submitted to the County Extension office, and the completed online nomination with payment includes all required identification information for both a market and breeding animal by June 15. This option does not allow the animal to be shown in both market and breeding at the same show.

F. Number of Exhibits per Exhibitor – A 4-H member is limited to exhibiting four sheep.

Eligibility for State Fair

Refer to the [State Fair Livestock Identification and Nomination Requirements](#) for information on exhibitor eligibility at the State Fair. Classes are also structured differently at State Fair. Nominations are due June 15th for State Fair.

Divisions

Premium: P = $5.00 B = $4.00 R = $3.00 W = $2.00

Sheep Showmanship

Class

30061L - Junior Showmanship - (8-10 years old before January 1 of the current year).

G030010 - Intermediate Showmanship - (11-13 years old before January 1 of the current year).

G030011 - Senior Showmanship - (14 years old and up before January 1 of the current year).

Market Lamb

Class

G031010 – Market Lambs

03162L – Progress Lamb

03163L – Clover Kid Entry (cannot sell at 4-H Livestock Sale)

Breeding Ewes

Class

G032021 – All Other Wool Breeds

G032041 – Dorset Ewes

G032061 – Hampshire Ewes

G032081 – Southdown Ewes

G032101 – Suffolk Ewes

G032151 – All Hair Breeds

03264L – Meat Breeds

03265L – Clover Kid Entry

03266L – Breeding Pen of 3

Bottle Lamb – Not Eligible for State Fair

Class

03461L – Bottle Lamb

03462L – Clover Kid Entry

Rules

1. Exhibitor must be 4-H age 8-12 years old for the 4-H class. There is also a Clover Kid class.

2. Exhibitors are not eligible to show in other sheep classes, including showmanship if entered in Bottle Lamb. The Bottle Lamb project is a beginner-level class and may be repeated during the years of exhibitor age eligibility if the exhibitor does not exhibit other sheep.

3. Judging criteria will include lamb health and cleanliness; exhibitor project knowledge, courtesy, and animal handling ability; as well as completion of the Bottle Lamb Project Records.

4. Bottle Lamb Project Records must be completed and submitted to the Extension Office at the time County Fair livestock entries are due.

5. Bottle Lambs may be orphan or newborn lambs selected within 2 weeks of birth. Bottle lambs are to be fed on a bucket or bottle. Bottle lambs must be born between January 1 and June 1 of the current year. Bottle lambs must be tagged with an official 4-H tag by June 1 of the current year. Exhibitors must file a Breeding Ewe ID form with the Extension Office by June 1 of the current year.

6. Bottle Lambs are not eligible to be sold in the Livestock Sale.

Resources

Breeding Sheep

Learn about sheep breeds; Find out how to prevent, diagnose and cure sheep health problems; Set production goals for your flock

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/16

Market Sheep

Learn about sheep parts and products; Calculate the cost of raising sheep; Find out how to care for sheep

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/17

Swine

Rules

A. ID Eligibility – Exhibitors must file the Market Swine ID form with the Extension Office by June 3rd of the current year. Photos of tagged market swine must be submitted with ID forms (swine being nominated for State Fair require EID tags and DNA samples).

B. Market swine should weigh 230-320 pounds for the market class. Hogs weighing less than 230 pounds must show in the progress hog class and will not be eligible for the Livestock Sale. Hogs weighing over 320 pounds will be eligible to show but will not be eligible for the Livestock Sale. See Animal Rules to reference removing animals that do not meet weight requirements from the fairgrounds. No underweight and overweight hogs are eligible for Champion or Reserve Champion Market Hog.

C. Class Breakdown-Market Hog classes are broken and shown by animal weight by the discretion of the Livestock Committee. The Livestock Committee reserves the right to combine market hog classes if there are less than 3 animals entered per class by weight.

D. Pen of Two - Hogs must be owned by the same exhibitor.

E. Breeding Gilts- All breeding gilts are to be born after December 1 of the previous year. Gilts must be identified using the universal ear notch system with notches in both ears on an official ID Form by June 1 of the current year. Breeding gilts may not be identified as both breeding gilts and market swine. Purebred gilts must have registration papers and meet industry standards for breed type, color, and conformation. Commercial gilts can be crossbred gilts or gilts of pure breeds that do not meet breed standards. Gilts may not both be shown in both market and breeding classes. Not eligible for Pen of Two.

Eligibility for State Fair

Refer to the State Fair Livestock Identification and Nomination Requirements for information on exhibitor eligibility at the State Fair. Classes are also structured differently at State Fair. Nominations are due June 15th for State Fair.

Divisions

Premium: P = $5.00 B = $4.00 R = $3.00 W = $2.00

Swine Showmanship

Class

3565L – Junior Swine Showmanship – (8-10 years old before January 1 of the current year).

G035008 - Intermediate Showmanship - (11-13 years old before January 1 of the current year)

G035009 - Senior Showmanship - (14 years old and up before January 1 of the current year)

Market Swine

Class

036010 – Market Gilts and Barrows

3661L – Progress Gilts and Barrows

3662L – Pen of Two Market Swine

3663L – Purebred Breeding Gilts

3664L - Commercial Gilts

3665L - Clover Kid Entry

Resources

Breeding Swine

Learn about pig breeds; Discover how to market products; Find out how to prevent, diagnose and treat swine health problems

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/18

Market Swine

Learn about hog body parts; Calculate the cost to raise pigs; Find out how to care for pigs

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/19

Music – Not Eligible for State Fair

Class (classes 51-56 have solo and duet options)

1551L – Instrumental

1552L – Vocal

1553L – Piano

1554L – Talent

1555L – Self-Accompanied Vocal

1558L – Group Entry – 3 or more participants. Can be vocal, instrumental, talent, or dance.

Rules

1. Music/Talent Contest will be held in conjunction with the Speech Contest in the spring. All participants in the CEA contest must be 4-H members.

2. Duets with contestants in different age categories will be judged in the older level category. There is only one division for group entries.

3. All contestants must give the original sheet music (no copies) to the judges at the contest. There will be NO deduction to Senior performers using sheet music.

4. There will not be a separate category for original compositions, but original work will be taken into consideration.

5. Any number of songs are allowed within a six-minute time limit. For group skits, there is a 2 to 6-minute time limit.

6. A participant may enter one vocal solo, one instrumental solo, one piano solo, one self-accompanied vocal solo, one talent solo, and one duet entry, plus one group entry.

7. A complete set of guidelines can be found on the Cherry County 4-H website @ https://extension.unl.edu/2023%20Cherry%20Co%20CEA%20Contest%20guidelines.pdf.

Photography

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 communicate ideas. Participants can work through the three project 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. An image may only be used on one exhibit with the exception of Portfolios, which may include images entered in other classes.

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

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

5. 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.

6. 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:

1. Printed portfolios should be presented in an 8.5 inches x 11 inches three-ring binder or similar book format. Recommended photo size is 8 inches x 10 inches. Matting is not necessary.
2. Digital portfolios may be presented online and must be exhibited along with a single 8.5 inches x 11inches flyer. Flyers must include a link, URL, or QR code that takes users (judges and fairgoers) to their online portfolio.

7. Display Exhibits: At State Fair, display exhibits are only accepted in Level II. Displays consist of three 4 inches x 6 inches photos mounted on a single horizontal 11 inches x 14 inches 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).

8. Print Exhibits: Print exhibits must be 8 inches x 10 inches printed mounted in 11 inches x 14 inches (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

9. 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 outlined below. Data tags should be securely attached to the back of the exhibit. Current data tags and help sheets are available at https://go.unl.edu/ne4h-photography.

1. Level 1 Prints: All level 1 prints must have a Level 1 Data Tag
2. 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.
3. Level 2 Prints: All Level 2 prints must have a Level 2 Data Tag
4. 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.
5. Level 3 Prints: All Level 3 prints must have a Level 3 Data Tag.

Level 2 Data Tag

Name: _____ Age: _____ County: _____
Years in Photography: _____ Years in the Current Level: _____
Camera: _____ _____
　　　　　　　　　　(brand make & model)　　　　　　　　　　(digital or film)
Focal Length: _____
Type/Source of light: _____
Tell us about this photo. Include any special equipment or techniques used.
_____
_____
_____

Describe any edits or changes made to the picture using digital software.
_____
_____
_____

Special Awards

On-Campus Exhibition Selection - Level 2 and Level 3 prints exhibited at State Fair may be selected for special on-campus exhibitions. Selected prints will be collected at the end of State Fair and will be returned to county Extension offices after the completion of their on-campus exhibition.

Divisions

Focus on Photography – Not Eligible for State Fair

Class

66561L – Fun with Shadows Display or Print – Photos should capture interesting or creative use of shadows (Activity 4)

66562L – Get in Close Display or Print – Photo should capture a close-up view of the subject or object. (Activity 8)

66563L – Bird's or Bug's Eye View Display or Print – Photo should capture an interesting viewpoint of a subject, either from above (bird's eye view) or below (bug's eye view). (Activity 10)

66564L – Tricks and Magic Display or Print – Photos should capture visual trickery or magic. Trick photography requires creative compositions of objects in space and is intended to trick the person viewing the photo. For example, if someone is standing in front of a flowerpot, 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)

66565L - People, Places, or Pets with Personality Display or Print – 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)

66566L – Black and White Display or Print – 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)

66567L – Challenging Photo Exhibit: Telling a Story Display – Exhibit will include three photos that 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 4 inch x 6 inch photos mounted on a single horizontal 11 inch x 14 inch 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)

Level 2: Next-Level Photography

Class

B181010 - Level 2 Portfolio - (SF88) -: Level 2 portfolios should represent the photographer's best work and must include 5-7 different images from the 4-H member's photography career. At least 2 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 that 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 should 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 should 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 should 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 should capture a special moment or meaningful interaction. Photos should be un-posed. (Activity 10)

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

Rules

1. 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, and Book 2 Next Level Photography.

Level 3: Mastering Photography

Class

B182010 - Level 3 Portfolio - (SF88) - Level 3 portfolios should represent the photographer's best work. Level 3 portfolios must include 9-11 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 that 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, 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.

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

B182030 - Advanced Composition Print - (SF89) - Photos should 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 should 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 should capture a subject in motion. Photographers should adjust the shutter speed to either freeze or blur the movement. (Activity 11)

Rules

1. 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.

Resources

Photography

Get to know your camera; Practice keeping camera steady and level; Practice taking photos, noticing natural light; Notice shadows and their potential in photography; Practice using natural light from several different directions; Practice using flash for fill, solving red-eye problems; Evaluate background, middle-ground, and foreground when taking photos; Practice filling the frame with the subject; Practice eliminating background

clutter in photos; Practice using different viewpoints and perspectives in photos; Compose creative, unusual photos; Compose variety of selfies; Take photos of people, places, and things; Sequence photos to tell a story; Create black and white photos; Evaluate photos using critical thinking; Get to know your camera's capabilities using zoom; Practice using different lens filters; Practice using light to portray a specific mood; Practice taking photos of reflections; Practice taking photos without the flash feature on your camera; Practice using the Rule of Thirds and the Rules of the Golden Triangle and the Golden Rectangle; Practice taking photos from different points of view/perspectives; Practice creating photos with interesting negative spaces; Practice capturing unposed, candid shots of a subject or event; Practice taking photos of "bits and pieces" of ordinary objects to create a work of art; Practice using a camera to create a panorama; Use color to create photos that are cool warm, monochromatic, contrasting, and/or complementary; Practice taking photos with a specific purpose in mind to teach, instruct, or sell a product or service; Evaluate photos that represent body of work; Get to know your camera's capabilities using the mode dial; Practice capturing a focal point understanding how camera equipment and depth of field effects the photo; Practice taking photos in low-light situations; Practice taking photos that help you get the correct exposure; Practice taking silhouettes; Practice composing photos that include geometric shapes and interesting framing; Practice composing photos that break photography "rules"; Practice taking still-life photos; practice capturing portraits showing a person's character and personality; Practice taking photos of interesting shapes, patterns, and textures; Practice capturing photos where the subject is in motion; Practice taking photos that are outside the normal limits: astrophotography, underwater, infrared; Practice creating creative joiners; Evaluate photos that represent body of work

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/28

Posters – Not eligible for State Fair

Rules

1. Purpose: The purpose of a poster is to call attention to a subject. Every poster must be crafted to catch the viewer's attention quickly. Each must present only one specific
message clearly. The poster should clearly feature some aspects of 4-H.

2. Posters will be judged on the following criteria: a) idea; simple, clear message, appropriate for a poster. b) lettering; readable from a distance, appropriate size in proportion to art. c) art; one dominant, eye-catching element: are relates to a written message. d) arrangement: makes good use of the entire poster space without being too crowded: art and lettering are well balanced. e) color: use of bold colors that harmonize well: colors used are legible. f) quality of construction: neatness: appropriateness of materials used. g) effectiveness: works well as a poster.

3. Entries that do not conform to size, content, or material guidelines will be lowered one ribbon placing.

4. Posters must be 14"x22" and must be a material that can be pinned to a display board. They may be arranged either horizontally or vertically. Those generated by computers must also meet this standard.

5. Posters may be in any medium; watercolor, ink, crayon, markers or computer graphics, photographs, collage, etc. They may not be three-dimensional. Entries with components thicker than paper (such as milk cartons, pencils, and pop cans) will be disqualified.

6. Posters may not use copyrighted materials, such as cartoon characters or commercial product names, logos, or slogans. Avoid using clichés or overused phrases that do not command the viewer's attention.

7. When using the official 4-H Emblem (clover with the H's on each leaf) it must follow approved guidelines, which can be viewed at http://www.national4-hheadquarters.gov/emblem/4h_name.htm

8. Computer "clip art" will not be scored as positively as original computer art designs.

9. The 4-H member's name, address, age, full address, and county must be listed on the back of the poster.

Divisions

Posters

Class

1521L – 4-H Promotion – the poster should promote interest in 4-H.

Poultry

Rules

1. Health Requirements – Requirements can change rapidly. Exhibitors will be contacted directly with any updates. Note: The Nebraska Department of Agriculture may do disease screening testing on poultry being exhibited. **If showing at State Fair, follow the website for updates.**
2. Number of Entries per Exhibitor – A 4-H member is limited to exhibiting two (2) entries per class. Pre-entry is required.
3. Display Cages – Exhibitors must provide their own display cages, watering devices, & feed bowls.
4. Poultry must be owned by the exhibitor.
5. Broiler is a young chicken of either sex, 6 – 8 weeks of age.
6. There is a Poultry Division at State Fair. Contact the Extension Office for more information or visit the website at Nebraska 4-H: 2023 Fairbook (unl.edu)
7. Exhibitors must wear the official Cherry County 4-H t-shirt during the show, along with jeans, and close-toe shoes. No hats, or headgear.
8. 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.
9. 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.
10. Rules for Bantam & Other Poultry – The rules for standard-size chickens apply equally to bantams and waterfowl, where applicable.
11. Care & Handling Practices – Poultry must be cared for by the 4-H member. The superintendents are not responsible for daily care (feed is provided).
12. Champion Award – Categories may vary year to year based on the number of entries. This will be at the discretion of the Small Animals Committee.

Eligibility

<u>Youth for the Quality Care of Animals (YQCA)</u> – Nebraska 4-H requires all youth enrolled in livestock projects to complete annual assurance training. In Cherry County, YQCA must be completed by the pre-fair entry deadline. This year's deadline is July 15th, 2024.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at http://go.unl.edu/ne4hpoultry.

Divisions

Eggs

Class

G070015 – One (1) dozen white eggs

G070016 – One (1) dozen brown eggs

G070017 – One (1) dozen other colored eggs

Rules

1. Eggs will be judged on shape, color, and weight uniformity. Please do not refrigerate eggs prior to checking the eggs.
2. 4-Hers are limited to exhibiting one entry per class.

Poultry Breed: Bantam

Class

G070007 – Game Bantam (Modern and Old English)

G070008 – Single Comb Clean Legged (Plymouth Rock, Leghorn, Japanese, Rhode Island Red, Orpingtons, New Hampshire).

G070009 - Rose Comb Clean Legged (Rosecomb, Wyandotte, Sebright, Belgian Bearded D'Anver).

G070010 – All other Comb Clean Legged (Polish, Cornish, Houdan, Sumatra).

G070011 – Feather Legged Class (Silkie, Cochin, Brahma, Belgian Bearded D'Uccle, Langshan).

Poultry Breed: Large Fowl

Class

G070001 – American (Plymouth Rock, Jersey Giant, Wyandotte, New Hampshire Red, Rhode Island Red).

G070002 – Asiatic (Cochin, Brahmas, Langshan).

G070003 – English (Cornish, Orpington, Australorps, Sussex, Dorking)

G070004 - Mediterranean (Leghorn, Buttercup, Minorca).

G070005 – Continental (Polish, Hamburg, Campines, Faverolles, Houdan).

G070006 – All Other Breeds (Naked Neck, Game, Sumatra, Araucanas, Ameraucanas).

Production Fowl

Class

G070014 – Egg Production Trios (3 hens)

7011L – Production Breeding Pen (2 hens, 1 rooster of laying/breeding age. Can be a combination of different species) – **Not eligible for State Fair.**

Poultry Breed: Turkey

Class

G070018 – Turkey

7012L – Breeding Pen of 3 (One male and two females of breeding age) – **Not eligible for State Fair.**

Poultry Breed: Waterfowl

Class

G070012 – Ducks (All weight classes)

G070013 – Geese (All weight Classes)

7010L – Breeding Pen of 3 (one small male and two females of breeding age) – **Not eligible for State Fair.**

Clover Kid Entry – One entry per class of any of the classes above.

Class

708L – Broiler Individual – Not eligible for State Fair

709L – Broiler Pen of 3 – Not eligible for State Fair

Poultry Showmanship

Nebraska State Fair has lowered the age of eligibility to 8 for livestock shows.. Please refer to the State Fair Book for additional details.

Class

G07001L – Junior Showmanship (8 – 10 years old by January 1 of the current year)

G070018L – Intermediate Showmanship (11 – 13 years old by January 1 of the current year)

G070019L – Senior Showmanship (14 years and up by January 1 of the current year)

Rules

1. **Showmanship Entry** – All 4-H Exhibitors are automatically registered but not required to show in Showmanship. Exhibitors must show their own animals and the animal must be entered and exhibited in a breeding or market class.

2. **Basis for Judging** – Showmanship is based on the grooming and training of the bird and the appearance and behavior of the exhibitor. The exhibitor must vocally explain the steps in their routine and the merit of the bird. Showmanship is the skill of the exhibitor in presenting and explaining the bird before the judge. The excellence of the bird is not considered in the scoring.
   1. **Questions** – The judges may or may not ask questions of the exhibitor at the close of the routine. A showmanship routine should be no longer than 5 minutes.
   2. **Scoresheet** – Poultry Showmanship SF290

Resources

Poultry

Find out how to care for poultry; select breeding pens; learn to process chicken; learn about poultry breeds. URL: https://4hcurriculum.unl.edu/index.php/main/program_project/14

Premier Communication Event

For State level classes and guidelines click here. The Premier Communication Event will be held in June and 4-H members must pre-qualify for most classes.

For local classes and guidelines click here. The local contest will be held in the spring.

Illustrated Presentations – Local Contest Classes

Local Contest Classes coincide with the State Premier Communications Contest. Please visit the State Premier Communication Event website at https://4h.unl.edu/premier-communication-event for more information on the State contest.

Class

B15151L- Junior Illustrated Presentation – Individual (8-10 yrs. as of Jan 1 of current year) 3-5 minutes

B15152L – Intermediate Illustrated Presentation – Individual (11-13 yrs. as of Jan 1 of current year) 6-8 minutes

B15153L – Senior Illustrated Presentation – Individual (4-18 yrs. as of Jan 1 of current year) 6-8 minutes

B15161L – Junior Illustrated Presentation – Team (8-10 yrs as of Jan 1 of current year) 5-7 minutes

B15162L – Intermediate Illustrated Presentation – Team (11-13 yrs as of Jan 1 of current year) 8-10 minutes

B15163L – Senior Illustrated Presentation – Team (14-18 yrs as of Jan 1 of current year) 8-10 minutes

Non-4-H Illustrated Presentation – Not eligible for State Fair

B151114L – Junior Non-4-H Illustrated Presentation

B151115L – Intermediate Non-4-H Illustrated Presentation

B151116L – Senior Non-4-H Illustrated Presentation

Rules

1. An Illustrated Presentation may be given by one (1) individual or a team of two (2) individuals. If team members are not in the same age division, they must compete in the age division of the oldest team member.

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

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

4. Presenters are responsible for their presentation supplies and are expected to clean up the areas in which they work/present. Please be courteous to the other participants, keep your area clean and your supplies contained.

5.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.

6. Change for 2024 for State Fair – Due to event location, live animals will not be able to be used in the presentation. Alternative ways of showing information about live animals (models, videos, photos, etc.) are encouraged.

Public Speaking Contest

You can find more information on the Local Public Speaking Contest here and the State Public Speaking Contest **here**.

Through the 4-H Public Speaking Contest, youth have an opportunity to write a speech or a public service announcement (PSA) that incorporates the topic of 4-H and deliver it to an audience. The 4-H Public Speaking Contest helps youth develop skills for communicating about current issues to real audiences, learn how to organize and prepare a speech, develop speech delivery skills, learn how to present themselves to others and develop self-confidence.

After participating at the county level, five (5) contestants in each age division (Intermediate and Senior) in both speech and PSA categories will be selected to advance to the State Public Speaking Contest. The State Public Speaking Contest will be held in Lincoln, Nebraska on **June 17-18, 2024**.

Eligibility

- Youth must be currently enrolled in 4-H to participate in the County and State Public Speaking Contests.
- Youth must be selected at their County Public Speaking Contest to compete in the State Public Speaking Contest.
- Youth may participate in both the speech and PSA categories.
- Only individuals may compete in the speech or radio PSA competition.

Speech

Class

65168L – Clover Kid – Reading or non-original speech (speakers must credit the source), original speech. -Not eligible for State Fair.

65161L – Novice – Reading or non-original speech (speakers must credit the source). Original Speech 1-3 minutes. First-time Jr. Speaker. -Not eligible for State Fair.

65163L – Junior Prepared Speech – (ages 8-10) Original speech – recommended under 3 minutes. MUST have 4-H as major component of speech.

65164L – Intermediate Prepared Speech – (ages 11-13) Original speech – recommended 3-5 minutes. MUST have 4-H as major component of speech.

65165L – Senior Prepared Speech – (ages 14-18) Original Speech - 5-8 minutes. MUST have 4-H as major component of speech.

- For Senior Division only, judges will deduct three points from the score for every 30 seconds under or over the time limit.

65166L - Non-4-H Speech – Not eligible for State Fair

65167L – PSA (Public Service Announcement) – Junior

65168L – PSA (Public Service Announcement) – Intermediate

65169L – PSA (Public Service Announcement) - Senior

65170L – Impromptu Speech – Junior (ages 8-10) 1 ½ minutes

65171L – Impromptu Speech – Intermediate (ages 11-13) 3 minutes

65172L – Impromptu Speech – Senior (ages 14-18) 5 minutes

Rules & Regulations

1. Public Speaking – the Cherry County 4-H Communications & Expressive Arts Contest will be held in the spring. Pre-entry is required.

2. A 4-H member (8 years old and older) may compete in the novice classes one year only. Former Clover Kid members are eligible to participate as Novice.

3. Speakers may use a podium if they choose. Note-cards no larger than 4" x 6" are allowed.

4. Only purple ribbons are eligible for trophies.

5. To follow State Contest rules, ages groups are Clover Kid (5-7) Novice (8-9, first-year speaker or participated previously as a Clover Kid), Junior (8-9), Intermediate (10-13), Senior (14 and older). For SENIOR Division only, judges will deduct three points from the score for every 30 seconds under or over the time limit.

6. No visual aids or props are allowed.

7. A complete set of guidelines is provided to all entrants by the Extension Office @ https://extension.unl.edu/2023%20Cherry%20Co%20CEA%20Contest%20guidelines.pdf

8. Dress appropriately. Do not wear costumes, a 4-H emblem is not required.

9. Junior, Intermediate, and Senior speeches and all PSAs must be 4-H related unless entered in the Non-4-H classes that are NOT ELIGIBLE FOR STATE CONTEST.

10. Only individuals may compete in this class. No team entries are allowed.

11. All speeches other than the non-4-H speech must have 4-H as a major component of the speech.

12. Speeches must be original, the speaker may not use an old speech written by a sibling, another 4-H member, or anyone else.

13. Acknowledge the source of information used in the speech. For example, an article from a magazine may be used for reference but should not be quoted directly unless you tell the audience your source.

Public Service Announcement (PSA)

- All PSAs are 60 seconds in length
- The state theme for the 2024 4-H Public Service Announcement (PSA) is **"4-H is a Feeling".**
- All radio PSAs must promote 4-H and be general enough to be used anywhere in Nebraska at any time of the year. **Unless it is a non-4-H Class.**
- All 4-H PSAs must include the following tagline within the last 10 seconds of the PSA: "Learn more about the Nebraska Extension 4-H Youth Development Program at 4h.unl.edu". The tagline is included in the 60-second time limit.
- Sound effects and public-domain music may be used. Copyrighted material may NOT be used.
- All PSAs must be the original work of the presenter. Contestants may not use PSAs written and provided by the state or national staff.
- No team PSAs are allowed on the state or county level, individuals only for PSAs.
- Radio PSAs will be submitted electronically in a .wav or .mp3 audio format along with the registration form one week prior to the County Contest with an entry form.

Speech

- Length of Speeches:
  - Junior Division 2-3 Minutes
  - Intermediate Division: 3-5 minutes
  - Senior Division: 5-8 minutes

- All speeches must be original and include 4-H as the major component of the speech, **unless in non-4-H class.**
- 4-H public speakers may not use an old speech written by a sibling, another 4-H member, or anyone else.
- Acknowledge the source of the information used in the speech. For example, an article from a magazine may be used for reference but should not be quoted directly unless you tell the audience your source.
- **The use of visual aids and props is not allowed.**
- Dress appropriately. Do not wear costumes or special effects clothing.
- No team speeches are allowed.
- See the **State 4-H Public Speaking** website for additional guidelines.

Resources

Illustrated Presentation Judging

Illustrated Presentation Judging Criteria/Scoresheets.

URL: https://4h.unl.edu/premier-communication-event-contests#presentation:~:text=Illustrated%20Presentation%20Judging%20Criteria/Scoresheet

Communications

Planning a 4-H Presentation, Giving a Presentation, Creating Visuals, Creating Digital Presentation Visuals Nebraska 4-H Communications Resources.

URL: https://4h.unl.edu/nebraska-4-h-communications-resources

Rabbit

Rules
1. Number of entries per exhibitor - A 4-H member is limited to exhibiting two (2) rabbits per class. Rabbits do not need to be ID'd prior to July 15th pre-fair entry.

2. Cages – Members must provide their own exhibit cages, watering devices, and feed bowls.

3. Pet rabbits are entered in Companion Animals.

4. Exhibitors must wear the official Cherry County 4-H t-shirt or a white shirt with a 4-H armband during the show; along with jeans and closed-toe shoes. No hats.

6. There is a Rabbit Division at State Fair. Contact the Extension Office for more information or visit https://4hfairbook.unl.edu/fairbookview.php/animals/25

7. Champion Award- categories may vary year to year based on the number of entries. This will be at the discretion of the Small Animals Committee.

8. Depending on the number of entries, all breeding classes may be combined at the county level.

Identification for State Fair

A. All rabbits except for fryers must have permanent ID numbers or names tattooed in their ear with pin tattoo pliers and tattoo ink. Permanent marker numbers written in the ears of the rabbits are NOT permanent ID numbers. ID numbers or names along with class information must be supplied to the superintendent at the time of entry. All animals will be physically checked for tattoos during entry. Tattoos and class information must match the information found on the August 10 State Fair pre-entry registration list. Rabbits whose tattoos are not readable or do not match the registration information will not be allowed to show at the State Fair. Tattoos that have faded or are no longer legible should be redone prior to State Fair.

Eligibility

Youth for the Quality Care of Animals (YQCA**)** – Nebraska 4-H requires all youth enrolled in livestock projects to complete annual quality assurance training. IN Cherry County, YQCA must be completed by the pre-fair entry deadline. This year the deadline is July 15, 2024.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hrabbit.

Divisions

Market Rabbit

Class

G080001-Single Fryer- Not over 10 weeks of age. Minimum weight of 3 ½ pounds. Maximum weight of 5 ½ pounds.

G080002- Meat Pen- Age limit 10 weeks of age. Minimum weight 3 ½ pounds each. Maximum weight of 5 ½ pounds each. Meat pens shall consist of three rabbits, all of the same breed and variety. Broken group meat pens must also be of the same variety. A meat pen does not necessarily have to come from the same litter.

G080003- **Roaster-** All rabbits entered in this class must be under 6 months of age. Minimum weight 5 ½ pounds. Maximum weight 9 pounds.

G08004- **Stewers**- All rabbits entered in this class must be 6 months of age or older. Minimum weight is over 8 pounds.

Breeding: Fancy Breed Rabbit

Class

G080005 - American Fuzzy Lop

G080006 - American Sable

G080069 – Blue Holicer

G080070 – Czech Frosty

G080007 - Belgian Hare

G080008 - Britannia Petite

G080009 - Dutch

G080010 - Dwarf Hotot

G080035 – Dwarf Papillion

G080011 - English Angora

G080012 - English Spot

G080013 - Florida White

G080014 - French Angora

G080015 - Harlequin

G080016 - Havana

G080017 - Himalayan

G080018 - Jersey Woolie

G080019 - Lilac

G080020 - Holland Lop

G080021 - Mini Lop

G080022 - Mini Rex

G080023 - Mini Satin

G080024 - Netherland Dwarf

G080025 - Polish

G080026 - Rex

G080027 - Rhinelander

G080028 - Satin Angora

G080029 - Silver

G080030 - Silver Marten
G080031 - Standard Chinchilla

G080032 - Tan

G080033 - Thrianta

G080034 - Lionhead

8061L – Clover Kid Entry – Not Eligible for State Fair

Breeding: Commercial Breed Rabbit

Class

G080050 - American

G080051 - American Chinchilla

G080068 – Argente Brun

G080052 - Beveren

G080053 - Blanc d Hotot

G080054 - Californian

G080055 - Champagne D'Argent

G080056 - Checkered Giant

G080057 - Cinnamon

G080058 - Creme D'Argent

G080059 - English Lop

G080060 - Flemish Giant

G080061 - French Lop

G080062 - Giant Angora

G080063 - Giant Chinchilla

G080064 - New Zealand

G080065 - Palomino

G080066 - Satin

G080067 - Silver Fox

8062L – Clover Kid Entry – Not Eligible for State Fair

Rabbit Showmanship

Nebraska State Fair has lowered the age of eligibility to 8 for livestock shows. Please refer to the State Fair Book for additional details.

Class

G08006L – Junior Showmanship (8-10 years old by January 1 of the current year)

G080068 - Intermediate Showmanship (11-13 years old by January 1 of the current year)

G080069 - Senior Showmanship (14 years and up by January 1 of the current year)

8060L – Clover Kid Entry – Not Eligible for State Fair.

Rules

1. Showmanship Entry - All 4-H exhibitors are automatically registered but not required to show in Showmanship. Exhibitors must show their own animal and the animal must be entered and exhibited in a breeding or market class.

2. **Basis of Judging**-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.

3. The judge may or may not ask questions of the exhibitor at the close of the routine. A suggested routine time is 4 minutes, which is the limit at State Fair.

4. To avoid disease spread, exhibitors are asked to bring their own carpet square or mat for showing.

6. Scoresheet-Rabbit Showmanship: SF291

Resources

Rabbit

Learn about rabbit breeds; Learn how to care for a rabbit; Learn to tattoo a rabbit; Learn about genetics and rabbit breeding
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/15

Information on rabbit showmanship is found in 4-H 339, Rabbits, Rabbits, Rabbits, NATL4H 08080 Rabbit 1: What's Hoppening?, NATL4H 08081 Rabbit 2: Making Tracks, NATL4H Rabbit 3: All Ears, and other resources may be available at the county extension office.

Range

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 the knowledge of Nebraska's range. For more resources and materials in this category refer to the resource section at the bottom of the page.

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 2016), 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 of 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.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at http://go.unl.edu/ne4hrange.

Divisions

Range Management

Class

D330001 - Value and Importance for Livestock Forage and Wildlife Habitat and Food Book - (SF260) - A collection of 12 different plant mounts, with 4 classified as high value, 4 as medium value, and 4 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 2016) 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, and Wildlife Food.

D330002 - Life Span Book – (SF260) - A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.

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

D330004 - Origin Book - (SF260) - A collection of plant mounts of 6 native range grasses and 6 introduced grasses. Introduced grasses are not from North America and are often used to seed pastures.

D330005 - Major Types of Range Plants Book - (SF260) - A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like, and 3 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 in 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 all the plant parts. Include the plant label in the lower right corner, including the scientific and common name of the plant. Put your name and 4-H county on the 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 the study results. This should be placed on 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.

Rules

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, the 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 incehs tall. Boards should be adequately labeled.

Resources

Range

Learn the names of range plants; Identify and collect range plants; Explore the basics of range management; Study Nebraska's grassland heritage; Understand plant vigor and the effects of grazing; Identify range sites; Calculate range conditions; Understand stocking rates; Learn the names of range plants; Identify and collect range plants; Explore the basics of range management

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/116

<u>Safety</u>

In this category, 4-H'ers have the opportunity to 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'ers will be better educated about 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.

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hsafety.

Divisions

<u>Fire Safety</u>

Class

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. Posters must be constructed of commercial poster board at least 11 inches x 14 inches but not larger than 22 inches x 28 inches.

E450002- Fire Safety Scrapbook - (SF270) - The scrapbook must contain 10 news articles from print and/or internet sources about fires to residential or commercial properties or landscapes. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The Scrapbook should be bound in a standard-size hardcover binder or notebook for 8 ½ inches X 11inches size paper. Correct sentence structure, readability, and thorough explanations are an important part of judging.

E450003 - Fire Prevention Poster - (SF268) - Posters should promote 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. Posters must be constructed of commercial poster board at least 11 inches x 14 inches but not larger than 22 inches x 28 inches.

Safety

Class

E440001 - 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 the kit's intended use. A description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Items should cover the following areas: 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.

> **1**. Kits containing any of the following will be automatically disqualified:

> **2**. 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.)

> **3**. 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.)

> **4**. Any controlled substance.

E440002 - 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. Youth 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.

E440003 - Safety Scrapbook (SF292) - The scrapbook must contain 15 news articles from print and/or internet sources about various incident types. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The Scrapbook should be bound in a standard-size hardcover binder or notebook for 8 ½ inches x 11inches size paper. Correct sentence structure, readability, and thorough explanations are an important part of judging.

E440004 - Safety Experiences- -(SF 190) - The exhibit should share a learning experience the youth had related to safety. Examples could be participating in a first aid or first responder training, a farm safety day camp, babysitting workshop, or similar event; a scientific experiment related to safety, or the youth's response to an emergency situation. The exhibit should include a detailed description of the experience, the youth's role, some evidence of the youth's leadership in the situation, and a summary of the learning that took place. Exhibits may be presented in a poster with supplemental Rev. 12/19/2014 documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes.

E440005 – 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 youth'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 youth interview a professional in the field in their research. Additional research sources might include books, articles, career websites, job-related government websites, 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 on a CD lasting up to five minutes.

Resources

Safety

Learn how to report an emergency; Learn basic first aid; Find out how to stock a first aid kit; Discover strategies for safety at home and away; Design a poster about fire safety; Learn to develop fire escape plans; Find out how to use ATV's safely; Learn about trouble-shooting and emergency procedures; Find out about hazards of the trail; Learn how to dress appropriately when riding; Learn to operate a tractor safely; Understand tractor controls and safety checks

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/86

STEM Computers

This category gives 4-H'ers a chance to display their knowledge of computers. Through participation in this category 4-H'ers will develop presentations that show judges their knowledge in the different aspects of computer science. Involvement in STEM Computers gives participants a first-hand experience in modern technology. For help getting started with this project contact your county 4-H extension office.

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. 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 (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.

4. 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.

5. Please refer to the General Rules for the policy regarding firearms, items with a blade, and other related items.

6. Please refer to the General Rules for the policy regarding use of copywritten images.

7. Premier 4-H Science Award is available in this area.

8. Team Entries: 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.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at http://go.unl.edu/ne4hcomputers.

Divisions

Computer Mysteries: Unit 1

Class

86061L – Not Eligible for State Fair - Any project introduced in Unit 1 project manual.

Computer Mysteries: Unit 2

Class

H860001 - Computer Application Notebook - (SF277) - 4-H exhibitor should use computer application to create a graphic notebook utilizing computer technology. 4-H'er may create any of the following: greeting card (5 different cards such as a birthday, wedding, anniversary, sympathy get well or other); a business card (3 cards for 3 different individuals and businesses); menu (minimum of 2 pages including short description of foods and pricing); book layout (I-book); promotional flyer (3 flyers promoting 3 different events); newsletter (minimum 2 pages); or other: examples such as precision farming or family business logo etc. This exhibit consists of a notebook (8.5x11 inches) which should include a (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.

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 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 slideshows must be uploaded. State Fair qualified entries should be submitted to https://go.unl.edu/2024nesfset by August 10th, 2024. Or entries can be uploaded to a cloud sharing service and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

Computer Mysteries: Unit 3

Class

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 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound, and either a video clip, animation, or voice over and/or original video clip. State Fair qualified entries should be submitted to https://go.unl.edu/2024nesfset by August 10th, 2024. Or entries can be uploaded to a cloud streaming service and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

H860004 - How to STEM (Science, Technology, Engineering, and Math) Presentation - (SF276) – Youth design a fully automated 2 to 5 minute 4-H "How to" video. Submission should incorporate a picture or video of the 4-Her, as well as their name (first only), age (as of January 1 of the current year), years in 4-H, and their personal interests or hobbies. State Fair eligible entries should be submitted to https://go.unl.edu/2024nesfset by August 10th, 2024 or videos can be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

H860005 - Virtual Platform Presentation - (SF276) – Youth design a fully automated educational presentation using any multimedia platform, such as TikTok, YouTube, Canva, Canvas, etc. Submissions may include a notebook, poster, etc., explaining the process, experience, and/or presentation. All submissions must include a link to the virtual presentation. State Fair qualified entries should be submitted to https://go.unl.edu.2024nesfset by August 10th, 2024. Entries can also be uploaded to a cloud sharing service. Exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing.

H860006 - Create a Web Site/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 acceptable such as, Google Sites, iBuildApp, Wix, etc. If the website, blog, or app isn't live, include all files on a flash drive in a plastic case. State Fair qualified entries should be submitted to https://go.unl.edu/2024nesfset by August 10th, 2024. Entries can be uploaded to a cloud sharing service., Exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing.

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). Youth 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 robots or other engineering projects. 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? ie. 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 - (SF1051) - 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 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.

Resources

STEM: Computers

Learn about hardware and software; Discuss Internet safety; Create and save data; Use Internet search engines; Take apart a computer; Participate in a chat room; Create a newspaper or magazine; Build your own computer system; Design a Web site; Develop a multimedia presentation; Use spreadsheets

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/123

STEM Electricity

In this category, 4-H'ers have the opportunity to create informational exhibits about the different aspects of electricity. Through involvement in this category, 4-H'ers will be better educated about electricity and be able to present their knowledge to others. For more resources and materials in this category refer to the resource section at the bottom of the page.

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 the owner of the exhibit may be identified if the entry tag is separated from the exhibit.

2. 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.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4helectricity.

Special Awards

Premier 4-H Science Award is available in this area. Please see click here for more details.

Divisions

Electricity – Magic of Electricity: Unit 1

Class

87061L – Not Eligible for State Fair – Any project as introduced in Unit 1 project manual.

Electricity – Investigating Electricity: Unit 2

Class

87062L- Not Eligible for State Fair – Any project as introduced in Unit 2 project manual

Electricity - Wired for Power: Unit 3

Class

H870001 - Electrical Tool/Supply Kit - (SF224) - 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 - (SF225) - 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 - (SF227) - Poster should exemplify one of the lessons learned in the Wired for Power Project. Posters can be any size up to 28" by 22".

Electronics: Unit 4

Class

H870005 - Electrical/Electronic Part Identification - (SF228) - Display different parts used for electrical/electronic work. Exhibit should show the part (either picture or actual item) and give a brief description, including 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 - (SF230) - 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 - (SF231) - 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.

Resources

STEM: Electricity

Explore electrical insulation; Learn about the effects of magnetism; Build and electromagnet and electric motor; Decode circuit diagrams; Build circuits and test voltages; Build a rocket launcher and a burglar alarm; Measure electrical usage; Replace electrical switches; Evaluate light bulbs and test for electrical power; Explore LED's

and SCR's, transistors, and the construction of an SCR intruder alarm; Learn the basics of solid-state electronics; Build a blinking flasher and an amplifier; Explore LED's and SCR's

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/126

STEM Energy

This category provides 4-H'ers with a way to present their ideas about renewable energy resources. Through participation in this category, 4-H'ers will learn more about physics, friction, energy, and elasticity. In addition, participants will make a display to go along with their findings. For more resources and materials in this category refer to the resource section at the bottom of the page. For help getting started with this project contact your county 4-H office.

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 the owner of the exhibit may be identified if the entry tag is separated.

2. 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.

3. Posters can be any size up to 28 inches by 22 inches when ready for display. For example, tri-fold poster boards are not 28 inches by 22 inches when fully open for display.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hphysics-powerofwind.

Renewable Energy Resources:

- United States Department of Energy: https://www.energy.gov/clean-energy
- U.S. Energy Information Administration: https://www.eia.gov/energyexplained/renewable-sources/
- Natural Resources Defense Council: https://www.nrdc.org/stories/renewable-energy-clean-facts

Special Awards

Premier 4-H Science Award is available in this area. Please see click here for more details.

Divisions

Energy

Class

H900001 - Create and Compare Energy Resources Poster - (SF307) - Poster should explore 2 alternative/renewable energy resources. Compare and contrast the 2 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 - (SF305) – The 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 - (SF308) **-** Item should be the original design of the 4-Her. 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 - (SF308) - Item should be the original design of the 4-Her. 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 - (SF308) **-** Item should be the original design of the 4-Her. 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 - (SF306) – The notebook should explore Nebraskan alternative energy sources 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.

Resources

STEM: Physics

Learn basic principles of physics, such as friction, energy, elasticity; Do experiments with a radio-controlled pickup; Learn about wind and its uses; Design, create, build and test a wind-powered device; Explore wind as a potential energy source in the community

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/133

STEM Geospatial

STEM Geospatial is a diverse category that includes a variety of exhibits 4-H'ers can get involved in. Through participation in this category, 4-H'ers will gain more knowledge about Nebraska's rich history and diverse geography. Take close note of the rules to ensure your exhibit qualifies. For more resources and materials in this category refer to the resource section at the bottom of the page.

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 the owner of the exhibit may be identified if the entry tag is separated from the exhibit.

2. 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.

3. Please refer to the General Rules for the policy regarding firearms, items with a blade, and other related items.

4. Please refer to the General Rules for the policy regarding use of copywritten images.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hgeo.

Special Awards

Premier 4-H Science Award is available in this area.

Divisions

Geospatial

Class

H880001 - Poster - (SF299) **-** Create a poster (not to exceed14 inches x 22 inches) 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 - (SF299) **-** The 4-H exhibitor identifies a favorite place or historical site (including gravesites) in Nebraska. The exhibit should include latitude and longitude, digital picture, and local area map. Poster size should not exceed 14 inches X 22 inches.

H880003 - GPS Notebook - (SF300) **-** Keep a log of at least 5 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 trinkets, geo-coins, etc. for the finders to trade. Documentation should include a title, teaser description, and the geographic coordinates of the intended placement. Register the site at geocaching.com, including a print-out of its registry. The entry may include a photograph of the cache in its intended hiding place.

H880005 - Agriculture Precision Mapping - (SF302) - 4-Hers will assemble a notebook that will include a minimum of 2 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.

H880006 - 4-H History Map/Preserve 4-H History (SF 303) – Nominate a Point of Interest for the 4-H History Map Project. Include a copy of the submitted form in a folder or notebook. To nominate a site for the 4-H history map please go to http://arcg.is/1bvGogV. For more information about 4-H history go to: http://www.4-hhistorypreservation.com/History_Map. For a step-by-step video on nominating a point, please go to this link: http://tinyurl.com/nominate4h. Write a brief description of the historical significance of the 4-H place or person. (a minimum of one paragraph)

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'er. 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 maps using data from books and/or the 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 (SF300) – Keep a log of at least 5 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 area optional, but highly encouraged.

Resources

Geospatial

Learn about Geography; Learn about Geographic Information Systems (GIS); Learn about Global Positioning Systems (GPS)

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/132

STEM– Models -Not Eligible for State Fair

62161L – Models – Can be created from kits or original designs. May include model cars, airplanes, trains, Legos, etc. Lego models must have a secure base that can be used to easily move and display, unless a small item like a Lego car, etc.

STEM Robotics

This category involves the many different aspects of Robotics. Participants will learn more about how robots are designed and developed as well as the mechanical and electronic elements of robots. Involvements in STEM Robotics give participants a first-hand experience in modern technology. For more resources and materials in this category refer to the resource section at the bottom of the page. Cherry County has a First Lego League Robotics Program with team competitions as well as non-competitive options. This program is held in the fall and winter for ages 9 to grade 8. There is also a Junior First Lego Program for ages 5-7. Meeting times vary.

Learning experiences from these programs can be developed into Fair Exhibits or youth can take the Robotics project independently.

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 the owner of the exhibit may be identified if the entry tag is separated from the exhibit.

2. 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.

3. Posters can be any size up to 28 inches by 22 inches when ready for display. For example, tri-fold poster boards are not 28 inches by 22 inches when fully open for display.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at http://go.unl.edu/ne4hrobotics.

Divisions

Robotics

Class

H861001 - Robotics Poster - (SF236) - 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'er.

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'ers learning experience. The notebook should contain at least three pages. Topics could include a programming challenge, programming skill, 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 researching a career in robotics. Interviews can either be written or in a multimedia format such as a short video uploaded to a cloud sharing service. Include a QR code with your project to allow for judging access. State Fair qualified videos should be submitted to https://go.unl.edu/2024nesfset by August 10th, 2024 or videos can be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing. Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12-point font, and 1-inch margins. Multimedia reports should be between 3 to 5 minutes in length.

H861005 - Robotics Sensor Notebook - (SF241) – Write pseudo-code which includes at least three sensor activities. 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 3 to 5 minutes in length. State Fair qualified videos should be submitted to https://go.unl.edu/2024nesfset by August 10th, 2024. Videos can also be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing.

H861007 - Kit Labeled Robot (cannot be 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 be (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, and (4) how they problem-solved any issues they might have had during building and programming. A picture story of assembly is recommended. If robot is more than 15 inches wide and 20 inches tall they may not be displayed in locked cases.

H861008 - 3D Printed Robotics Parts - (SF244) - This class is intended for youth to create parts through 3D printing, which help create their robot or aid the robot in completing a coded function. Project should include notebook describing the process used to create the project, describe the success of your designed piece (did it work), intended use of the product and the modifications made to the item.

Rules

1. Team Entries: To qualify for entry at the Nebraska State Fair team materials entered in robotics classes that are clearly the work of a team instead of an individual 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.

1. Creating a video for your robot in action would be helpful for the judges but is not mandatory. Videos should be uploaded to a video streaming application and exhibitors should provide a hard copy QR code for viewing. State Fair qualified videos should be submitted to https://go.unl.edu/2024nesfset by August 10th, 2024. Videos can also be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing.

Robotics Showcase

Contest Website: Nebraska 4-H: 2024 Fairbook (unl.edu)

Resources

STEM: Robotics

Discover the design and functions of robotic arms; Build a robotic arm that moves; Explore robot movement, power transfer, and locomotion; Design and build machines the roll, slide, draw or move underwater; Make the connection between the mechanical and electronic elements of robots; Explore sensors, write programs, build

circuits and design your own robot; Use commercial robotics kits to explore the world of robotics; Learn to program your robot using sensors, loops and conditional statements

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/136

STEM Rockets

This category gives 4-H'ers a chance to display the rockets and drones they have created. Through participation in this category, 4-H'ers will show judges what they learned about and how they adapted their exhibit throughout this project. Involvement in STEM Rockets gives participants a first-hand experience in modern technology. For help getting started with this project contact your county 4-H office.

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 the owner of the exhibit may be identified if the entry tag is separated from the exhibit.

2. Rockets must be supported substantially to protect the rocket from breakage. Rockets are to be mounted on a base that has dimensions equal to or less than 12 inches x 12 inches and the base should be ¾ inch thick. No metal bases. If the rocket fins extend beyond the edges of the required base (12 inches x 12 inches), 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 systems. 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) the 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 on 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 for the State Fair, only actual launches count, misfires will not count toward one of the required three launches.

- For self-designed rockets only, please include a digitally recorded copy of one flight. In the documentation, please include a description of stability testing before the rocket was flown.
- Skill level of the project is not determined by the number of years in the project. <u>Skill level is determined by the level listed on the manufacturing packaging.</u>
- 4-H Rocket project levels are not intended to correspond to the 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.

9. Posters can be any size up to 28 inches by 22 inches when ready for display. Example: tri-fold poster boards are not 28 inches by 22 inches when fully open for display.

Eligibility

Entry-level rockets, made with <u>PLASTIC FINS and PLASTIC BODY TUBES, are COUNTY ONLY projects</u>.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4haerospace.

Special Awards

Premier 4-H Science Award is available in this area. Please see click here for more details.

Divisions

<u>Aerospace</u>

Class

85061L – Pre-Flight- Not eligible for State Fair- Any project as introduced in Unit 1 project manual.

H850001 - Rocket - (SF92) - Any Skill Level Rocket with **<u>wooden fins and cardboard body tubes</u>** painted by hand or airbrush.

H850002 - Aerospace Display - (SF93) - 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, interviewing of someone in the aerospace field, or kite terminology. Include a notebook containing terminology (definition), and what was learned. The display can be any size up to 28 inches by 22 inches.

H850003 - Rocket - (SF92) - Any Skill Level Rocket with **<u>wooden fins and cardboard body tubes</u>** painted using the commercial application, for example, commercial spray paint.

Drones

Class

H850005- Drone Poster (SF93)—Exhibit 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 28 inches by 22 inches.

H850006-Drone Video (SF93) -Exhibit must demonstrate how the drone interacts with the outside world. Examples include field scouting, surveying damage from natural disasters, drones used in commercial applications and settings, drones used for structural engineering. The video should not exceed 5 minutes. Videos should be submitted to https://go.unl.edu/2024nesfset by August 10th, 2024, or be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

Self-Designed Rocket

Class

H850004 - Rocket (SF92) Any self-designed rocket with **wooden fins and cardboard body tubes**.

Resources

STEM: Rockets

Fly kites and launch rockets; Explore space; Experience disorientation; Learn to fly an airplane; Make a shuttle on a string; Control flight directions; Create an altitude tracker; Evaluate navigation systems; Explore pilot certification requirements

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/120

STEM Small Engines – Not eligible for State Fair

Class

46061L – Small Engines – Up to 3 exhibits in this class- Restore a car. Present or create a display about safe, responsible driving. Make a poster or video about how to drive cheaper and smarter. Make a display or video comparing gasoline and diesel engines. Give a small engine demonstration. Build or explain a wind generator design. Design and explain a circuit. Make an electricity safety poster, display, or video. Restore a tractor body. Restore a tractor engine. Make a poster, display, or video about the tractor safety poster. GPS-guided information poster. Make a video, exhibit, or display about welding safety. Make a video or poster that shows what tractors are for and how they are used. Make a display, report, or video about how to decide which tractor to buy. Compare costs and features. Make a display that shows the differences between mechanical and hydraulic transmissions and lifts. Restore, recondition, or rebuild a tractor. Show what you did with a photo

series or video of the steps you took. Write a business plan for starting your own tractor-based business (lawn mowing, custom farm work, etc.)

Resources

Small Engines
Learn about safety, fuels, maintenance, restoration and operation of tractors and small engines.
URL: https://shop4-h.org/products/small-engines-curriculum-set-of-4

STEM Welding

This category helps 4-H'ers learn the basics of welding. In addition, 4-H'ers get the opportunity to present their knowledge on the topic and display what they have made. Involvement in STEM Welding gives participants a first-hand experience in a skill that can be used for a lifetime. For help getting started with this project contact your county 4-H office.

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 the owner of the exhibit may be identified if the entry tag is separated from the exhibit.

2. All welds exhibited in class 1 or 2 must be mounted on a 12 inches high x 15 inches long display board of thickness not to exceed 3/8 inch. Attach each weld on a wire loop hinge or equivalent, so the judge can look at the bottom side of the weld when necessary. Each weld should be labeled with the information stated 1) type of welding process (stick, MIG, TIG, Oxy-Acetylene, etc.) 2) kind of weld, 3) welder setting, 4) electrode/wire/rod size, and 5) electrode/wire/rod ID numbers. **Attach a wire to the display board so it can be hung like a picture frame. No picture frame hangers accepted.**

3. Fabricated boards such as plywood, composition board, or particle-type lumber may be used for demonstration displays.

4. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.

5. 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.

6. If no plans are included with welding art, welding article, welding furniture or composite weld project item will be disqualified.

7. All outside projects MUST have an 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.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at
http://go.unl.edu/ne4hwelding.

ARC Welding

Learn to cut metal with an arc solder; Weld high carbon, spring steel, and alloy steels; Weld horizontal, vertical, and overhead positions **URL:** https://4hcurriculum.unl.edu/index.php/main/program_project/143

Divisions

Arcs and Sparks

Class

H920001 - Welding Joints - (SF281) - a display of one butt, one lap, and one fillet weld.

H920002 Position Welds - (SF281) - a display showing three beads welded in the vertical down, horizontal and overhead positions.

H920003 – 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 the project is designed to be outside, it is required to have an appropriate outdoor finish.**

H920004 - Welding Article - (SF281) - any shop article where welding is used in construction. 60% of the item must be completed by 4-Her 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 the project is designed to be outside, it is required to have an appropriate outdoor finish because the project may be displayed outside.

H920005 - Welding Furniture - (SF282) – any furniture with 75% welding is used in the construction. 60% of items must be completed by 4-Her 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 the project is designed to be outside, it is required to have an appropriate outdoor finish because the project may be displayed outside.

H920006 - Plasma Cutter/Welder Design - (SF279) – Plasma cutters/welders allowed for detailed design(s) to butt cut into the metal. 4-H members will create a notebook describing the design process to create the "artwork" to butt cut into the 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 the project.

H920007 - Composite Weld Project - (SF280) - 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 the project is designed to be outside, it is required to have an appropriate outdoor finish because the project may be displayed outside.

Rules

1. Class 1: 4-H Welding Project Tips and Suggestions

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 1.5 to 2 inches wide and 3.5 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 started, 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 4-H

2. Class 2 Welding Project Tips and Suggestions

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.

Resources

ARC Welding
Learn to cut metal with an arc solder; Weld high carbon, spring steel and alloy steels; Weld horizontal, vertical, and overhead positions **URL:** https://4hcurriculum.unl.edu/index.php/main/program_project/143

STEM Woodworking

In this category, 4-H'ers have the opportunity to create exhibits about varying levels of woodworking. In addition, participants can also create informational exhibits about their woodworking projects. Through involvement in STEM Woodworking 4-H'ers will be better educated about the topic and better their woodworking skills. For more resources and materials in this category refer to the resource section at the bottom of the page.

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 the owner of the exhibit may be identified if the entry tag is separated from the exhibit.

2. Requirements: 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 and county. Plans may include narrative instructions in addition to the dimension drawings and include any alternations to the original plan. 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. All plans used for making the article must be securely attached and protected by a clear plastic cover.

3. 4-H'ers must be in Unit 3 or Unit 4 for the exhibit to be considered for State Fair. All projects must have an appropriate finish.

4. 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.

5. All outside projects MUST have an 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.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://unl.box.com/s/leyyacbdu3ktky0i58id6mvgya1tvcc5.

Divisions

Measuring Up: Unit 1

Class

91161L – Measuring Up – Not Eligible for State Fair – Any project as introduced in Unit 1 project manual.

Making the Cut: Unit 2

Class

91162L – Making the Cut – Not Eligible for State Fair – Any project as introduced in Unit 2 project manual

Nailing it Together: Unit 3

Class

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 a bookcase, coffee table, or end table.

H911003 - Recycled Woodworking Display - (SF95) – Article made from recycled, reclaimed, or composite wood. The article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 3 manual. The 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 - (SF96) - 60% of the project must be wood and 40% is made from other materials such as metal, rubber, resin, etc. All plans and plan alternations must be attached to the article. Protect plans with a cover. If the project is designed to be outside, it is required to have an appropriate outdoor finish because the project may be displayed outside.

H911005 - Outdoor Wood Project made with Treated Wood - (SF97) - Treated wood projects DO NOT have to have a finished coating. All plans and plan alternations must be attached to the article. Protect plans with a cover. If the project is designed to be outside. Examples include picnic tables, planters, outdoor furniture, etc.

H911006 – Wood Projects Created on a Turning Lathe – (SF) – 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.

Finishing Up: Unit 4

Class

H911007 - Woodworking Article - (SF91) Item made using skills learned in the Finishing It Up Project. Examples include dovetailing, making a pen using a 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. The article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual. The 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. 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?)

Resources

STEM: Woodworking

Develop skills such as measuring, squaring and cutting a board, driving nails, and using clamps and screws; Build a picture frame, a letter holder, a box, or an airplane; Measure , cut, sand, drill, and use advanced hand and power tools; Apply paint and use bolts and staples; Build a sawhorse, birdhouse, tool box, or a stool; Practice measuring angles, cutting dado and rabbet joints; Use a circular saw, a table saw, and a radial arm saw; Sand and stain wood

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/144

Textiles Department- Clothing, Knitting, Crocheting, Weaving, Quilting, and Fashion Show

All exhibits in this department for Cherry County will be judged on Clothing Day in June

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

   1. Identification Labels: Labels will be available at Clothing Day check-in, or you can make your own. Each item entered as an article of clothing, knitting, or crochet exhibit must have a label attached stating: County, Exhibitor'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 the 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.

   2. 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 a 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.

3. A Design Data Card must be included with all Textile Classes. The data card is available at https://4hfairbookmanage.unl.edu/fairbookview.php/exhibits/30#:~:text=is%20available%20at-,http%3A//go.unl.edu/ne4hclothing,-.%20If%20the%20data

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

5. Criteria for Judging: Refer to the Nebraska 4-H website for current state fair scoresheets at www.4h.unl.edu. 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 at URL: https://4hfairbook.unl.edu/fairbookview.php/rules.

6. If a clothing item is eligible for both State Fair Fashion Show and a static exhibit, the 4-H member must choose between the two options.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hclothing.

Special Awards

- Premier 4-H Science Award is available in this area. Please see visit this site for more details https://4h.unl.edu/fairbook/premier-science-award.
- All garments and accessories will be considered for the juried "4-H Design Gallery" to be displayed at the Nebraska State Fair only.
- All garments with at least 60% wool content are eligible for the "Make It with Wool" Award.

Divisions

Beyond the Needle

Class

22161L – Embellished Purchased Garments – NOT ELIGIBLE FOR STATE FAIR – Patterns, kits, and pre-designed decoration allowed. First-year only.

22162L – Beginning Textile Clothing Accessory – NOT ELIGIBLE FOR STATE FAIR – Accessory is constructed and/or decorated using techniques as defined in the project manual. Entry examples include hats, bags, scarves, gloves, aprons, etc.

C221001 - Design Portfolio - (SF20) – A portfolio consisting of at least three design samples or activities. Refer to the Beyond the Needle manual for activity ideas. The Portfolio should be placed in an 8 1/2 inches x 11 inches, 3-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, complementary color bar, or color scheme using pages 27-39 in the 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 - (SF28) - Fabric yardage is designed using techniques such as those found in the manual. Other embellishments may be added. The exhibit consists of at least one yard of the finished fabric. A Design Data Card must be included with this project. The data card is available at https://go.unl.edu/ne4clothing. If additional information is not included, the 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/ne4clothing. If additional information is not included, the 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/ne4clothing. If additional information is not included, the 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. Examples: shoes, strung bracelet/necklaces, wire wrapping, scarves, flip flops, designs on tennis shoes, 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.

C221008 - Wearable Technology Garment or Accessory- (Garment is eligible for State Fair Fashion Show) - (SF263) - 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/ne4clothing. If additional information is not included, the exhibit will be lowered one ribbon placing.

Rules

1. 4-H members must show their own original creativity.

General Clothing

Class

C220001 - Clothing Portfolio - (SF20) – Complete at least four different samples/activities from Chapters 2, 3, OR 4 of the project manuals. The Portfolio should be placed in an 8 ½ inch x 11 inch, 3 ring binder. Include an appropriate cover. The 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 ½ inch x 11 inch, 3-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 - (SF20) - Using pages 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.

Rules

1. 4-H Members of all skill levels may exhibit in this area.

<u>Steam Clothing 1</u> - NOT ELIGIBLE FOR STATE FAIR

Class

90064L – Sewing Kit – Include a list of sewing notions and purpose for each included. Pages 12-17 in the project manual.

90065L – **What is the Difference** – 4-H members enrolled in STEAM clothing 1 may enter an exhibit (not to exceed 22 inches by 30 inches) and 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

90066L – **Pincushion**

90067L – **Pillowcase**

90068L – **Simple Pillow** – No Larger than 18 inches x 18 inches

90069L – **Bag/Purse** – No Zippers or buttonholes

90070L – **Simple Top**

90071L – **Simple Bottom** – pants, shorts, or skirt

90072L – **Simple Dress**

90073L – **Other** – Using skills learned in project manual (apron, vest, etc.)

90074L – **Upcycled Simple Garment** – 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.

90075L – **Upcycled Accessory** – A wearable accessory made from a used item. The item used the redesign process must accompany the entry or it will be disqualified. A "before" picture and a description of the redesign process must accompany the entry of it will be disqualified.

90076L – **Needle Arts** (Applique, Candlewicking, Embroidery, Needlepoint, tatting, Etc.)

Rules

1. Exhibits will be simple articles requiring minimal skills. Follow suggested skills in project manual. May exhibit one item per class number. 4-H'ers who have enrolled in or completed STEAM Clothing 2 project are not eligible to exhibit in STEAM Clothing 1.

2. Beginning Sewing 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, no stripes, no napped or jersey knit. Patterns should be simple without darts, set in sleeves, and collars. Raglan and kimono sleeves are acceptable.

3. Guidelines for Needle Art. Members must be enrolled in the Needle Art project. Exhibits designed specifically for home decoration should be entered in Home Design & Restoration. Entries must be mounted, framed, or made into a finished article for personal apparel or home decoration.

Steam Clothing 2: Simply Sewing

Class

C222001 - Design Basics, Understanding Design Principles (SF20)– 4-H members may enter an 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 ham or sleeve roll from pages 21-25 "A Pressing Matter" in the STEAM Clothing 2 project manual. The 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, 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, and gloves. No metal, plastic, paper, or rubber base items are allowed (i.e., barrettes, headbands, flip flops, duct tape, etc.)

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

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

C222008 - Skirt - (Not eligible for State Fair Fashion Show) - (SF28)

C222009 - Lined or Unlined Jacket - (Not eligible for State Fair Fashion Show) - (SF28)

C222010 - Dress - (Eligible for State Fair Fashion Show) - (SF28) - (Not formal wear)

C222011 - Romper or Jumpsuit - (Eligible for State Fair Fashion Show) - (SF28)

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

C222013 - Alter Your Pattern - (SF28) - (Eligible for State Fair Fashion Show, in the class that best describes the type of garment constructed i.e., Dress, Romper, Jumpsuit, or Two-piece Outfit) - Garment constructed from a significantly altered pattern. Entry must include both the constructed garment and the altered pattern. Include an 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, and adding a lining)

C222014 - Garment Constructed from Sustainable or Unconventional [natural or synthetic] fibers - (Eligible for State Fair Fashion Show, 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.

Rules

1. 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 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 1.

Steam Clothing 3: A Stitch Further

Class

C223001 - Upcycled Garment - (Eligible for State Fair Fashion Show) - (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 https://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 https://go.unl.edu/ne4hclothing.

C223002 - Upcycled Clothing Accessory - (Not eligible for State Fair Fashion Show) - (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 https://go.unl.edu/ne4clothing. 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 https://go.unl.edu/ne4clothing.

C223003 - 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 3. 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.)

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

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

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

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

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

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

C223010 - Coat, Blazer, Suit Jacket or Outerwear - (Eligible for State Fair Fashion Show) - (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 Show, 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 an 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 Show, 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.

Rules

1. 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 https://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 complete constructed garments only. Wool entries must have the fiber content listed on the identification label.

Resources

STEAM Clothing 1: Fundamentals
Understand the basics of sewing; Understand textiles through science experiments; Learn about how textiles are engineered into garments. **URL:** https://4hcurriculum.unl.edu/index.php/main/program_project/37

STEAM Clothing 2: Simply Sewing
Build upon the sewing basics learned in STEAM 1; Focus on advanced engineering techniques; learn about finishing touches and style to garments; Learn the basics on how to build a business .
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/38

STEAM Clothing 3: A Stitch Further
Learn new technological options available in sewing; Discover the science behind textiles and fabrics; Learn about complex patterns and difficult fabrics; Market garments as a business
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/39

STEAM Clothing: Beyond the Needle
Learn design basics; Create embellishments and treatments; Learn about the art of clothing construction.
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/36

Knitting, Crocheting, and Weaving

The purpose of this category is to establish basic to advanced crochet and knitting skills. In addition, projects in this category require 4-H'ers 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.

Rules

1. **All Knitted and Crocheted items will be judged at Clothing Day in June.**

2. **Identification Labels:** Each item entered as knitting, crochet, or weaving exhibit must have a label attached stating: County, Exhibitor's name and age, project name and class in which the exhibit is entered, and the number of years enrolled in the project exhibited. Wool entries must have the 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 int 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 the State Fair Fashion Show.

5. General: Garments as listed may be made for self (4-H member) or another person. 4-H'ers enrolled in knitted, crocheted, and woven projects should continue their skill development. Once you have exhibited at a higher level, you are not eligible to exhibit at a lower level. Ex. Once you exhibit in Knitting Level 3, you are not eligible to exhibit in Knitting Level 2.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hknitting-crocheting.

Special Awards

- **Premier 4-H Science Award** is available in this area. Please see General Rules for more details.
- **4-H Design Gallery** All garments and accessories will be juried to be selected for the 4-H Design Gallery at the Nebraska State Fair.
- **Make It with Wool Award** All garments with at least 60% wool content are eligible for this award. See the website for guidelines. https://extension.unl.edu/statewide/dawson/nebreaska-make-it-with-wool-competition/. National website is http://www.makeitwithwool.com/

Divisions

Crochet

Class

22661L - Beginning Level – Not Eligible for State Fair Fashion Show

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

C226002 - Level 2 Crocheted Home Design & Restoration Item - (SF60) - Crochet 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 Show) - Crochet 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.

Rules

1. Criteria for judging crochet: Design and Color, Neatness, Crochet Mechanics, Trimmings, and Construction Finishes.

2. 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 crochet data form is available at: https://go.unl.edu/ne4hclothing

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

Knitting

Class

22661L - Beginning Level – Not Eligible for State Fair Fashion Show

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 a pattern

225002 - Level 2 Knitted Home Design & Restoration 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

225003 - Arm or Finger Knitted Item - (SF60) - (Clothing or Home Design & Restoration Item)

225004 - Loom Knitted Item - (SF60) - (Clothing or Home Design & Restoration Item)

225005 - 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

225006 - Level 3 Knitted Home Design & Restoration 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.

225007 - Level 3 Machine Knitting - (SF60)

Rules

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

> **2.** 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, loom or machine knitted
> - Kind of yarn = weight and fiber content.
> - Names of stitches used.

Weaving

Class

227001L- Woven Garment or Accessory - Not Eligible for State Fair- plain or balance weave using a rigid heddle loom or a basic weaving techniques and threading patterns with a four-harness loom. Such as a scarf, shawl, and belt.

Rules

1. Criteria for judging weaving: Design and Color, Neatness, Weaving Mechanics, and Construction Finishes.

For non-clothing weaving projects, refer to **Visual Arts** class **C26007** or **Home Design & Restoration** options.

Resources

Crochet
Learn basic to advanced crochet stitches; Select yarn/thread for crocheting; Learn about blocking and changing colors; Design a new stitch or pattern; Work with other media such as leather, wood, and beads **URL:** https://4hcurriculum.unl.edu/index.php/main/program_project/44

Knitting
Learn about types of yarn and yarn weights; Develop basic to advanced knitting skills; Combine knitting with garment making; Knit with double-pointed needles **URL:** https://4hcurriculum.unl.edu/index.php/main/program_project/45

Quilt Quest

In Quilt Quest, 4-Hers learn skills as they progress through the project. The least experienced 4-H exhibitor 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-Her 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-Her must finish the quilt by "squaring it up," putting the binding on the edge, and placing a label on the quilt which provides details about the quilt-making process for historical purposes.

Rules

1. <u>All entry cards and support information must be attached using a safety pin.</u> **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-Hers can choose fabrics for the quilt by selecting the fabric from fabric bolts. 4-Hers may also use "fabric collections" offered by manufacturers in a particular designer or fabric line. Examples of fabric collections include:

- **Jelly Rolls** are made of (up to) 40 different strips of 2 ½ inch 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 complements each other. In many cases, less-skilled 4-Hers find it difficult to cut narrow strips with a rotary cutter and ruler, so this fabric selection may make it easier as they learn.

- **Honey Buns** are made like Jelly Rolls with 1 ½ inch strips of fabric.

- **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.

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

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

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

- **Fat Quarters** are ½ yard cuts of fabric that 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.

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

4. 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 particular shapes which can be appliqued to the fabric. This is allowed in the construction of the quilt.

- A quilted exhibit is made up of at least 3 layers. Exhibits must be quilted or tied through all layers.

- Fleece blankets are not eligible in this division.

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

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hquilting.

Divisions

Barn Quilts

Class

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

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

Rules

> **1.** Supporting information is required for this exhibit. The information must also include elements or principles of design used and steps taken to complete the project. Please note that this is the [Home Environment information sheet.](#) Exhibits without [supporting information](#) will be dropped a ribbon placing.

Exploring Quilts

Class

C229010 - Exploring Quilts (SF208C) - -Illustrate some aspects 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, and entrepreneurship. History may include the history of an old quilt or history/research of a particular style of quilts such as Baltimore album quilts or Amish quilts. Exhibit may be a 14 x 22-inch poster, notebook, CD, PowerPoint, Prezi, DVD, YouTube, or other technique. All items in an exhibit must be attached together and labeled. NO quilted items should be entered in this class.

C229030 - Computer Exploration (SF208C) - Poster or notebook with a minimum of six computer-generated quilt designs or color variations on a quilt design. Include information on the type of program used, the process used to generate designs, or how you used color to create different quilt designs. Size of poster or notebook to be suitable for the exhibit.

Premier Quilt

Class

C229080 - (SF208A)- Hand quilted

C229081 - (SF208A)- Sewing machine quilted

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

C229083 - (SF208A)- Long arm quilted—computerized

Rules

1. 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.

Quilt Design Other than Fabric

Class

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

Rules

1. Supporting information is required for this exhibit. The information must also include elements or principles of design used and steps taken to complete the project. Please note that this is in the Home Environment information sheet. Exhibits without supporting information will be dropped a ribbon placing.

Quilted Exhibits

Class

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 1/2 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.

Home Environment Supporting Information

Name _____ County _____

Check elements and principles used in your exhibit

Elements of Design-The building blocks of design

____Color   ____Texture

____Shape/Form   ____Line   ____Space

Principles of Design- How you used
the elements to make your project.

____Rhythm/Repetition   ____Balance

____Emphasis   ____Unity   ____Proportion

Steps taken to complete this exhibit:
(Use back of card)

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 1/2 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 1/2 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?

Quilts of Valor are in this class with the following additional guidelines:

Quilts of Valor

Civic Engagement and community service are a big part of 4-H where youth and adult volunteers do a tremendous amount of benefit in their communities and beyond. We would like to encourage 4-Hers to continue to "make a difference" by making Quilts of Valor that can be entered in the county and Nebraska State Fairs and then donated to area veterans. 4-H members and volunteers can work alone or in groups to make the quilts. Perhaps you can find someone who will help donate fabric, batting, or machine-quilting to complete your project. Contact the Extension Office to connect with local leaders who organize local quilt donations and the QOV ceremony at the Cherry County Fair, as well as group sowing workshops. **Quilts of Valor may also be entered into the Citizenship Project.**

Rules

1. Remember, we are honoring our military personnel who are protecting our freedom, so we want the quilt to be of good quality. Quilt Top Fabric and Thread:
- 100% good-quality cotton fabric with high thread count (preferably quilt shop fabric – (NO cheap or previously used fabrics).
- Soldiers do not want children's fabrics such as cartoons. 10% of the soldiers receiving quilts are women, so consider whether a man or a woman would like the fabric.
- You can but don't have to pre-wash the fabric. Use good quality **cotton** thread for sewing.
- Use a quilt pattern of your choice.
- Piece the top so it will be as its finished size – 55 inches x 65 inches or no larger than 72 inches x 90 inches. A recommended size is 60 inches x 80 inches.

Quilt Backing Fabric: Good quality 100% cotton (NO sheets or bedding). Purchasing "wide" backing fabrics may be more economical. The backing should exceed at least 3 inches on ALL sides to allow for machine quilting and pinning the backing to the machine. (This is a total of 6-8 inches wider and 6-8 inches longer than the quilt top.) If you need to make seams on the back, first removed the selvage. If needed, seams should run across the width of the quilt backing parallel to the top and the bottom.

Machine Quilting: The quilt should be machine quilted. If you have a "long arm quilter" in your area, you could ask them to quilt your project for you.
If you do not have a local long-arm quilter, the Quilts of Valor Foundation has a list of long-arm quilters who will machine quilt it. Fill out the "Request Long-arm Form" at the Quilts of Valor website http:/./www.govf.org/req-longarmer.html. Once your machine-quilted partner is assigned to you, communicate with him/her. Be courteous and send top/backing in a timely fashion.

Label: Be sure to add a label to the back of the quilt. The label can be handwritten, embroidered, printed, or purchased. The label **MUST Say "Quilt of Valor."** Include the following information:
- Date range that it took to make the quilt
- Name of the quilt
- Place where the quilt was made. If the long-arm quilter lives in a different place, but both locations
- Name of Quilt-top maker (4-Her first name & last initial, city/state)
- Name of a machine quilter, city/state

- The words "Presented To:" are followed by a blank space. The recipient's name will be added later.
- If writing, you must use a permanent black marker or fabric marker. 4-Hers need to firmly affix the labels to the back of the QOV.

Binding:

- The binding fabric should be an appropriate color for the quilt.
- Straight cut and diagonally seam where necessary (unless the edge of the quilt is scalloped which requires bias binding).
- Corners mitered.
- Neatly applied by hand and/or machine.

Classes 50 – 52 - (SF208A)

Pieced quilts made up of squares and/or rectangles.Afg

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.

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

Class - 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". 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" to 120"

C229072 - Large - length + width = over 120"

Rules

1. Please note the description of classes. They denote the degree of difficulty in construction and not the number of years in the project. A quilted exhibit consists of 3 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 the intended purpose. **On a half sheet of 8 1/2 x 11-inch paper, include an explanation answering the following questions: A) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? B) What did you do and what was done by others? C) What did you learn you can use on your next project?**

Resources

Quilt Quest

Learn about design elements, design principles, and applications; Construct a quilt from start to finish; Explore quilt science applications in other media
URL: https://4hcurriculum.unl.edu/index.php/main/program_project/46

Fashion Show

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

Rules - County

1. Fashion Show will be judged on clothing construction on Clothing Day in June. All sewing/clothing members may participate in the Fashion Show.

2. Pre-Entry is required for Fashion Show entries and all Clothing/Sewing exhibits. The construction of all clothing and sewing exhibits will be interview judged. Exhibits will be entered at Cherry County Fair on entry day to be eligible for ribbon and premium.

3. No limit of styled garments or outfits on the COUNTY LEVEL. A garment or a piece from a unit cannot be worn more than once for modeling; for example, NOT permitted- Class 64L or 65L for an outfit in Class 66L. The number of entries that can be selected for the State Fair is determined by annual enrollment numbers.

4. A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants, or shorts.

5. Entries not accepted at State Fair- Textile Clothing Accessories, nightshirts, flannel lounging pants, or any other type of loungewear, garments containing inappropriate language or images.

6. Nightwear, if in good taste (modest) may be modeled at the county fashion show.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at
https://go.unl.edu/ne4hfashionshow.

Special Awards

4-H Design Gallery - Up to 4 constructed garments will be selected for display in the 4-H Design Gallery at the Nebraska State Fair.

Make It with Wool Award - All garments with at least 60% wool content will be considered for the Make It with Wool Award. See the website for guidelines.
https://extension.unl.edu/statewide/dawson/nebraska-make-it-with-wool-competition/
National website is http://www.makeitwithwool.com/

Shopping in Style Fashion Show Award – Up to 2 Shopping in Style exhibitors will be selected to receive top awards at State Fair.

Class

C410010 - Modeled "Beyond the Needle" Embellished Garment(s) with an Original Design - (SF117) - 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 - (SF117) - 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) - (SF117) - Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.

C410025 - Modeled "Beyond the Needle" Wearable Technology Garment - (SF117) - Garment has integrated technology into its design.

C410030 - Modeled Constructed STEAM Clothing 2 Garment(s) - (SF117) - 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) - (SF117) - Possible types of STEAM Clothing 3 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 (swimwear, 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) - (SF117) - 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 - (SF184) - Participants must be enrolled in the Shopping in Style 4-H Project to enter. The curriculum is developed and designed for youth ages 8 and older to help them strengthen their consumer skills when purchasing clothing. Participants must model a complete outfit. All pieces of the garment must be purchased.

Fashion Show Other – Not eligible for State Fair

61261L – Clover Kid Entry

61262L – Embellished purchased Garment

61263L – Learn to Crochet or Knit – Beginning

61264L – Steam Clothing 1 item – simple top or vest, simple bottom, top and bottom outfit, simple dress, upcycled simple garments, beginning textile clothing accessory, upcycled accessory, needle arts item, other (pincushions, tote bags, pillows, pillowcases, etc.)

61265L – Steam Clothing 2 items – upcycled clothing accessory, textile clothing accessory, top, bottom, (pants and shorts), skirt, lined or unlined jacket.

61266L – Steam Clothing 3 items – upcycled clothing accessory, textile clothing accessory

61267L – Beyond the Needle – embellished purchased garment, fashion accessory

61268L – Quilt Quest

Resources

Textiles

URL: http://go.unl.edu/ne4hclothing

URL: https://go.unl.edu/ne4hknitting-crocheting

Veterinary Science

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.

Rules

1. A Veterinary Science exhibit may consist of a poster, notebook, or 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, the 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 the risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse, **animal first-aid kits containing any drugs or medications will be immediately disqualified and not displayed. First-Aid kits wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer-generated printouts, 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 3-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 ¼ 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.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at
https://go.unl.edu/ne4hvetscience.

Special Awards

Premier 4-H Science Award is available in this area. Please the Premier Science Award contest for more details.

Divisions

Veterinary Science

Class

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 need 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 disqualification. Please study your topic and present the information to your audience in your own words.*

Resources

Veterinary Science

Understand animals basic needs; Keep health records; Learn about future veterinary science technology; Take an animal's temperature and pulse; Recognize healthy skin and membranes; Clean and disinfect animals quarters; Study bacteria, viruses and parasites; Learn about diseases relationship to nutrition, stress, heredity and poison; Learn basic disease prevention techniques; Study environmental influences on animal health; Learn about maintaining animal health; Explore veterinary medicine as a career.

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/20

Visual Arts

With an emphasis on originality, the purpose of the 4-H Visual Arts projects is to practice using design elements and principles while exploring and experimenting with various mediums and techniques. In addition, youth should practice self-expression and work to communicate their personal voice through their work.

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. 2-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 2-dimensional pieces should be ready to hang using a sawtooth or wire hanger.

3. Entries per Exhibitor: 4-H members 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.

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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 will be dropped a ribbon placing.

Visual Art Supporting Information

Name _____ Age _____ County _____

Division _____ Class _____

Artwork Title _____

Reflection
Select **two** questions to answer.

1. Discuss your use of the elements (color, texture, pattern, shape, form, line, space) and principles (rhythm/repetition, balance, emphasis, unity, proportion) in this piece. What elements and principles did you put particular emphasis on while planning and creating this piece? Why did you focus on those elements and principles? What elements or principles would you like to explore more or use differently next time?

2. Where/How did you find the inspiration for your artwork, and what did you do to make this piece unique and original?

3. What do you think you have done particularly well, and what would you like to do differently next time?

4. What challenges did you face while completing this piece, and how did you respond and overcome those challenge(s)?

Process
Steps taken to complete this exhibit. Include any special or unique materials, tools, or techniques you used during those steps.

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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 dropped a ribbon placing. Supporting information may provide evidence or justification for the piece being entered in a specific class.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hvisualarts.

Special Awards

On-Campus Exhibition: State Fair visual arts exhibits may be selected for special on-campus exhibitions. Selected pieces will be collected at the end of the State Fair and will be returned to county Extension offices following the on-campus exhibition. Youth whose pieces are selected will be contacted directly with additional information including the exhibition and reception dates.

Divisions

Visual Arts Mediums

Class

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 – (FS200) – Could include Styrofoam, wood, cardboard, paper, metal, wire, etc.

C260009 – Original Ceramic Pottery – (SF200) – No purchases 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, leathercraft, printmaking, stained glass, pastels, scratchboard, sand painting, chalk, etc.

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

Visual Arts Themes

Class

Rules

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.

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.

Resources

Visual Arts

Practice drawing, fiber arts, and sculpting; Develop artistic talents and skills; Understand the visual arts in relation to history and culture; Learn painting, printing, and graphic design techniques; Make connections between visual arts and other disciplines; create original artwork; practice using design elements and principles; explore and experiment with various mediums and techniques; practice self-expression; learn to communicate a personal voice through artwork.

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/51

You Design It

Class

905001L – You Design It- Not eligible for State Fair

Rules

Due to discrepancies between the State 4-H Fair Book and the projects offered by the State of Nebraska 4-H in the Project Resource Central, you may not be able to find a project to enter in the fair for the area you chose to enroll in. Should this happen, please contact the 4-H Assistant for guidance. The item will be entered in the county fair as any project completed, as introduced in Project Manual or workshop.

STATE 4-H CONTESTS

4-H contests allow youth to demonstrate knowledge and/or skills learned through participation in project areas. Each contest has specific rules, guidelines, entry limits, class descriptions, scoresheets, and forms.

NOTE: State 4-H Contest age limits may vary from age limits for the Cherry County Fair.

- Culinary Challenge
  - https://4hfairbookmanage.unl.edu/fairbookview.php/contests/22
- Dairy Judging Contest

- o https://4hfairbookmanage.unl.edu/fairbookview.php/contests/44
- [Dog Skillathon](#)
  - o https://4hfairbookmanage.unl.edu/fairbookview.php/contests/43
- [Fashion Show](#) – Must qualify at County Fair
  - o https://4hfairbookmanage.unl.edu/fairbookview.php/contests/9
- [Horticulture Identification Contest](#)
  - o https://4hfairbookmanage.unl.edu/fairbookview.php/contests/45
- [Insect Identification Contest](#)
  - o https://4hfairbookmanage.unl.edu/fairbookview.php/contests40
- [Premier Science Award](#) – Based on selected exhibits at County Fair
  - o https://4hfairbookmanage.unl.edu/fairbookview.php/contests/51
- [Robotics Showcase](#)
  - o https://4hfairbookmanage.unl.edu/fairbokview.php/contests/59
- [Tree Identification Contest](#)
  - o https://4hfairbookmanage.unl.edu/fairbookview.php/contests/11
- [Weed and Grass Identification Contest](#)
  - o https://4hfairbookmanage.unl.edu/fairbookview.php/contests/28