

**2022
DEUEL COUNTY FAIR
AUGUST
10th – 13th**



**Deuel County Fair Staff
Nebraska Extension Educator**

Laura Narjes

Office Manager/4-H Aide

Marjorie Radke

Office Staff, Zoe Gorham



TABLE OF CONTENTS

3GENERAL RULES & REGULATION.....	3
LIVESTOCK PROGRAM RULES.....	4
4-H & FFA LIVESTOCK POLICY.....	97
SCHEDULE OF EVENTS.....	107-108
ANIMAL SCIENCE	
Veterinary Science.....	96
Companion Animal.....	97
Beef.....	100
Sheep.....	101
Swine.....	101
Goat.....	102
Rabbit.....	102
Poultry.....	103
Round Robin.....	103
Catch-It-Animal Program.....	105
BOOTHS.....	16
Clover Kids.....	5
CONTESTS	
Fashion Show.....	8
Presentation.....	10
CREATIVE ARTS	
Photography.....	11
Leather Crafts.....	15
CONSUMER & FAMILY SCIENCE	
Clothing.....	16
Knitting & Crochet.....	21
Quilt Quest.....	23
Heritage.....	27
CONSUMER MANAGEMEMENT	
Shopping in Style.....	36
My Financial Future.....	38
Money Moves.....	39
Making Cents of It.....	39
Money Fun-Damentals.....	39
ENVIRONMENTAL EARTH SCIENCE	
Conservation Wildlife.....	54
Shooting Sports.....	59
Entomology.....	61
Forestry.....	62
HEALTHY LIFESTYLES	
Safety.....	40
Youth In Motion.....	42
Foods & Nutrition.....	43
Food Preservation.....	47
Cake Decorating.....	49
HOME ENVIRONMENT	
Design Decisions.....	30
Heirloom Treasures.....	32
VISUAL ARTS	
Sketchbook Crossroads.....	33
Portfolio Pathways.....	33
HUMAN DEVELOPMENT	
I have What It Takes.....	35
Growing All Together.....	36
LEADERSHIP/CITIZENSHIP	
Entrepreneurship.....	51
Citizenship-Leadership.....	52
I2i.....	53
PLANT SCIENCE	
Agronomy.....	67
Field Crops.....	67
Weed Science.....	70
Range.....	71
Horticulture & Floriculture.....	73
House Plants.....	76
Vegetables, Herbs, Fruit.....	78
Special Garden Project.....	77
SCIENCE ENGINEERING TECHNOLOGY	
SET Projects.....	81
Aerospace.....	84
Computer.....	85
Electricity.....	88
Robotics.....	89
Small Engines.....	92
Woodworking.....	93

DEUEL COUNTY
GENERAL RULES & REGULATIONS

1. Entries are open to members of FFA & 4-H that have been enrolled in 4-H by June 15th of current year.
2. Exhibits must be current year's projects.
3. All exhibits, except clothing, must be pre-registered by July, unless otherwise noted.
4. A superintendent or extension staff must release all exhibits assigned to the area. Times will be set by the Fair Board prior to fair.
5. All clothing exhibits will be judged on the date of Clothing Judging and Fashion Revue.
See livestock department for additional rules.
6. Exhibits not listed in the fair book need to be approved by the extension staff.
7. Arrangements need to be made through the extension office for booth set-up & pre-registration.
8. Booths must be completed before opening day of fair.
9. Decisions of judges and superintendents will be final. The appeals and protest procedures adopted by the Deuel County 4-H Council will be followed in case of disputes.
10. No entries will be accepted after deadline shown on program.
11. Only one entry per class unless otherwise designated.
12. Any 4-H member is eligible to have an exhibit selected for the State Fair unless his or her presence is required.
13. If presence is required, member must have been 10 years of age before January 1, of the current year.
14. The last year of eligibility is the calendar year the member becomes 19.
15. All awards will be made in the modified Danish System. A purple ribbon denotes a superior, blue denotes an excellent exhibit, and red denotes a good exhibit.
16. County eligible projects only, will be marked in the fair book as County Only.
17. If a project requires supporting material, it must be included the day of judging, unless otherwise stated. Exhibits not having supporting material will be dropped one ribbon placing.
18. State Fair General Rules and Regulations are available from your local extension office. Premiums that are shown are for Deuel County Fair.
19. 4-H exhibitors must receive blue or purple ribbon to be eligible for county awards and a purple ribbon for state awards and/or recognition.
20. Static and Fashion Show exhibitors are required to be present and participate in interview judging in order receive Special Recognition Awards.
21. New Category participation will require 3 exhibitors for 2 consecutive years before Grand and Reserve Award Sponsors are sought out by the Deuel County 4-H Council. Awards can be given out if a donor volunteers to sponsor the awards.
22. For Grand and Reserve Awards to be given, there must be a minimum of 3 exhibitors in that category.

PROTEST COMMITTEE

The respective superintendent 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.

1. The committee will consist of 5 members of 4-H council-not involved in the grievance.
2. All protests must be submitted in writing and signed.
3. The written protest must be submitted to the County Fair 4-H Management Team and must include:
 - ◆ Names of persons involved.
 - ◆ Nature of concerns Situation and documentation.
 - ◆ Recommendations for corrections.
 - ◆ Specific action, rule, etc., in question.
 - ◆ Additional persons committee may contact for further clarification.Procedures and/or steps carried out by person involved prior to submission of the protest to the County Fair 4-H management Team.
 - ◆ The committee will review the written protest.
 - ◆ They may discuss the situation with affected persons and show officials, including County Fair Management.

- ◆ Recommendations will be developed and carried out.
In cases of protest the exhibitor may be allowed to show, but results of showing will be subject to change based on the outcome of the protest process. This allows for smooth operation of the show and facilitates appropriate processing.
- The management reserves the right to withhold any award.
- ◆ The exhibitor may be excluded from the show if action warrants.
- ◆ Protest will not be accepted after the exhibit is released from the 4-H Division of County Fair.

DEUEL COUNTY LIVESTOCK PROGRAM RULES

The following rules are those of the 4-H program and the meeting attendance requirements.

All 4-H members in Deuel County must follow these rules to be eligible for cash and other incentive awards provided by the Deuel County 4-H program.

1. Attend planned activities of the club and /or project meeting.
2. Behave in a manner acceptable to other 4-H members, leaders, and parents.
3. Be responsible for your own property.
4. Respect public property and other individual's personal property.
5. Use good judgment in selecting the appropriate clothing for the meeting activities and weather conditions.
6. In the event of the death of any 4 -H animal, the Extension Office **must be notified** as soon as possible. If the death of an animal occurs prior to June 15, a different animal may be used as approved by livestock committee.
7. Remember to read the rules for your STATIC ENTRIES. The 4-H rules must be followed.

DEUEL COUNTY 4-H PROGRAM PARTICIPANT/PAREN/GUARDIAN CODE OF CONDUCT

The primary goal of the 4-H Program is to help youth develop competency in their projects, confidence in themselves and others, connections to their community and sound character. Actions by persons (Parents and 4-Her's) involved with the 4-H Program will be consistent with the six core ethical values comprising good character: trustworthiness, respect, responsibility, caring, fairness, and citizenship. As a 4-H Participant/Parent/Guardian:

- ◆ Treat all people and property with respect, courtesy, consideration, and compassion. Avoid and prevent putdowns, insults, name calling, swearing and other language or nonverbal conduct likely to offend, hurt or set a bad example. for others and keep informed about 4-H program policies and projects and read materials pertaining to the county 4-H program.
- ◆ Teach and model kindness and compassion for others. Recognize that all people have skills and talents which can be used to help improve community. Teach and foster teamwork and discourage selfishness.
- ◆ Practice fair-mindedness by being open to ideas, suggestions, and opinions of others. We will make all reasonable efforts to assure equal access to participation for all youth and adults regardless of race, creed, color, sex, national origin, or disability. Decisions will be made fairly and treat all individuals and families with impartiality.
- ◆ Obey laws and rules as an obligation of being a good citizen. Accept responsibility for the proper treatment and care for other youth and adults, the program facilities and/or equipment.
- ◆ Demonstrate the responsible treatment of animals and stewardship of the environment.
- ◆ Not use alcohol or illegal substances (or be under the influence) while working with or participating in any part of the 4-H program.
- ◆ Provide a safe environment for all parties involved in 4-H. Protect those involved from sexual harassment, physical force, verbal or mental abuse, neglect, or other harmful behaviors.
- ◆ 4-H Parents, Guardian and/or Youth who do not abide by the above code of conduct, may receive the following consequences: Be asked to explain actions to the 4-H Council. Be dismissed from an event at own expense. Further disciplinary action determined by the 4-H Council, which may include:
 - Restriction from contacting 4-H families, volunteers, donors, and/or sponsors pertaining to any 4-H matter.
 - Becoming ineligible to attend any further 4-H activities.
 - Family may become ineligible to participate in the County

4-H Program

- Reimburse the proper entity for any property damage or for liability resulting from inappropriate actions. In the case of vandalism, guilty party may be required to reimburse 4-H and/or the facility.

DEPARTMENT CLOVER KIDS

Ages 5 – 7

Premium: \$ 1.00 each project (limit 10 projects) and Participation Ribbon

County Only

Clover Kids are eligible if they are 5-7 years old by January 1 of the current year. The focus for these projects is to build a positive, non-competitive 4-H experience emphasizing fun, success, and parent or significant adult involvement. Exhibits are to be entered at the same time as other 4-H static (hall) exhibits, unless otherwise stated. Clover Kids may participate in interview judging if they choose. One exhibit per class. Limit 10 entries

RULES

1. Animal and animal subject matter can contribute to Clover Kids objectives.
2. However, for safety, liability, and competitive reasons often associated with livestock shows, some restrictions are necessary to maintain Clover Kids Program Objectives.
3. The Clover Kids program will be developmentally appropriate and involve the following components:
 - ◆ Encourages involvement of parent or significant adult.
 - ◆ Focused on self-esteem and provide positive feedback.
 - ◆ Sharing through cooperative learning.
 - ◆ Non-competitive-emphasizing fun and success of every child.
 - ◆ Recognizes individuals for participation.
 - ◆ Recognition and incentives are to be presented without rank or placing.
4. Specific reasons for being cautious with direct large animal involvement are as follows:
 - ◆ Children 8 and under often lack the mental and physical skills for controlling and understanding the strength of large animals (Livestock Conservation Institute, 1994).
 - ◆ Young children may lack the strength, balance, and attention span to adequately manage large animals. (American Medical Equestrian Association)
5. Because of these reasons, Clover Kids programs involving live animals must adhere to the following guidelines:
 - ◆ Exhibition includes discussions with youth based on their knowledge of the care and raising of the animal.
 - ◆ Exhibitors' "show" in a non-competitive setting for participation only.
 - ◆ Age, size, and temperament of animal projects must be appropriate for the exhibitor's age and size.
 - ◆ Horse projects are not appropriate for this age group.
 - ◆ Small animals (rabbits, poultry, dogs, cats, lambs, goats, bucket calves) are allowed.
 - ◆ No snakes.
 - ◆ Livestock animals should be no more than six months of age and no more than 350 pounds at the time of show.
6. Participation ribbons will be given to each participant
7. All animals will be brought and taken home the day of the show.
8. No animals will be sold at the 4-H sale.
9. Each participant may show no more than one animal.

Clover Kid programs in addition to the curriculum provided can be developed, if a safe environment is assured.

Division 990

Clover Kids- Just Outside the Door

CLASSES:

- * **G990001 Treasure Hunt Collage** no larger than 11"x22"
- * **G990002 Seed Mosaic**
- * **G990003 Bird Feeder** (homemade with recycled materials)
- * **G990004 Insect Model** – Create insect using any kind of non-edible media; include all parts of insect: six legs, one pair of ant

antennae and three body sections.

- * **G990005 Homemade Bug Mask**
- * **G990006 Favorite Fruit made of non-edible media**
- * **G990007 Wildlife Story**—your choice of animal
- * **G992003 Homemade Space Helmet**

Division 991

Clover Kids- Aerospace

CLASSES:

- * **G991001 Rocket made from non-perishable food.** See directions in project manual.
- * **G991002 Paper Flyers** – Make your favorite kind of paper flyer. Can be a helicopter, airplane, rocket, or any flying machine.
- * **G991003 Homemade Space Helmet**

Division 992

Clover Kids- Family Celebrations Around the World

CLASSES:

- * **G992001 Family Traditions** – Photograph and description of a family celebration mounted on 8 ½” x 11” poster board.
- * **G992002 Name Rhyme** – Write a rhyme about your name and what it means. Exhibit on 8 ½” x 11” paper or poster board.
- * **G992003 Homemade Mexican Piñata**
- * **G992004 Doll or Action Figure** in a homemade cultural costume; include label of country.
- * **G992005 Hand or computer made card** for either Mother’s Day, Father’s Day, or Grandparent’s Day.
- * **G992006 Scrapbook**—one page of yourself or family or family event.

Division 993

Clover Kids- Road to Good Cooking

CLASSES:

- * **G993001 Cookies** – four on a plain white paper plate.
- * **G993002 Healthy snack** – ½ cup non-perishable snack in a small, sealed bag or small plate.
- * **G993003 Poster** showing what you learned in project, such as Food Guide, My Plate; Table Setting; Rules for the Kitchen; Identifying Kitchen Utensils; Proper Ways to Measure Ingredients; and many more!
- * **G993004 Plain-Not Frosted Cupcake or Muffin**– 4 on a plain white paper plate.
- * **G993005 Decorated Cupcake** -1 on a plain white paper plate.
- * **G993006 Cookie or Baking Mix in A Jar**

Division 994

Clover Kids-Theater Arts

CLASSES:

- * **G994001 Sock Puppet**
- * **G994002 Spoon Puppet**
- * **G994003 Other Puppet**
- * **G994004 Poster** with pictures of you in different costumes - no larger than 14” x 22”.
- * **G994005 A Poem or Rhyme**-can be recited or displayed on paper. May be your own or published piece.

Division 995

Clover Kids-Bicycle Adventures

CLASSES:

- * **G995001 Safety Poster or Scrapbook.**
- * **G992002 Hand Signals Poster** – on 8 ½” x 11” paper.

Division 996

Clover Kids- Create Your Corner

CLASSES:

- * **G996001 Collage** – no larger than 14” x 22”.
- * **G996002 Homemade Mobile**
- * **G996003 Covered Storage Box**
- * **G996004 Banner/Wall/Door Hanging**
- * **G996005 Decorated Wastebasket**
- * **G996006 Homemade Bulletin Board**

- * **G996007 Yard or Outdoor Decoration.**
- * **G996008 Scrapbooking**– One page of your favorite space, activity, or animal.
- * **G996009 Photography**- 5 pictures of related theme, mounted on no larger than 14"x22".
- * **G996010 Lego structure** on 10x10 base.
- * **G996011 My Favorite photo** (4 x 6) in a frame
- * **G996012 Easter, Christmas, etc.**
- * **G996013 My favorite School Project**
- * **G996014 Portfolio containing at least 3 examples** from the following:
 - ◆ **Color wheel**
 - ◆ **Finger painting**
 - ◆ **Dip/dye paper**
 - ◆ **Torn tissue design**
 - ◆ **Crayon melt print**
 - ◆ **Texture rubbing**
 - ◆ **Potato print**
 - ◆ **Fingerprint picture**

Division 997

Clover Kids-Exploring Farm Animals

CLASSES:

- * **G997001 Create a Critter** – Draw or make a model of an animal using different parts from different animals.
- * **G997002 Animal Care Collage** – no larger than 14" x 22.
- * **G997003 Poster** – Identify body parts of an animal or feeds that an animal eats no larger than 14" x 22".
- * **G997004 Animal Sculpture** – any type of medium, i.e., clay, play dough, bread dough clay, etc.
- * **G997005 Animal Show – (can be borrowed)** Limit one animal per exhibitor.
 - ◆ Youth will be asked about the care and raising of the animal.
 - ◆ Companion animals will be shown to the judge during exhibit hall judging.
 - ◆ Companion animals must be brought in appropriate cages.
 - ◆ *Livestock must be no older than 6 months of age and no more than 350 pounds at the time of the show.*
 - ◆ Horses, swine, and snakes are not allowed.
 - ◆ All animals are to be brought and taken home on the day of the show.
 - ◆ Bucket calf, lamb, goats, rabbit poultry will be shown in the Livestock Show ring at the beginning of the regular small animal show on Friday

Division 998

Clover Kids - Fashion Show

CLASS:

- * **G998001 Fashion Show Participant** -model your favorite outfit or accessory– does not need to be handmade.

Division 999

Clover Kids Plant Science

CLASSES:

- * **G999001 Flowers**—3 stems of a single variety. Use plain sturdy jars or bottle (no plastic bottles).
- * **G999002 Vegetables**-Display on sturdy paper plate. Any vegetable that you help grow in your garden.
- * **G999003 Potted Plant**
- * **G999004 Plant grown from seed.**

DEPARTMENT
4-H CONTESTS
Fashion Show

Division 410

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

Rules

- ◆ Registration – Date, Time, and Location TBA. Separate dressing rooms will be provided for males and females.
- ◆ Optional Rehearsal – Date, Time, and Location TBA.
- ◆ Judging – Date, Time, and Location TBA – Those 4-H exhibitors modeling constructed garments will be judged for Construction/Fit, Selection/Creativity, and Individual Modeling/Accessories in front of a judge. Those 4-H exhibitors modeling Shopping in Style garments will be evaluated in front of a judge for modeling skill, fit, and appearance of the outfit and accessories, worth 60% of the score. Judging of the completed Shopping in Style Fashion Show Form (SF184, revised 2/2018) will be done prior to the State Fair 4-H Fashion Show. The Shopping in Style Fashion Show Form (SF184, revised 2/2018) is worth 40% of the total score and is judged on content, completeness, accurate information, and neatness.
- ◆ Parents are not allowed past the registration table, in the dressing rooms, or judging areas. There are volunteers/assistants in the dressing rooms to help the 4-H exhibitors if necessary.
- ◆ The Public 4-H Fashion Show(s) – Date, Time, and Location TBA.
- ◆ Results – All ribbons and scoresheets will be distributed as the 4-H exhibitors leave the event. Results will be posted on the web.
- ◆ Fashion Show/Clothing Exhibits – Garments modeled in the 4-H Fashion Show can NOT be entered as Clothing Construction Exhibits.
- ◆ Garments should be age appropriate.
- ◆ Entries Not Accepted – The following items can NOT be entered in the State Fair 4-H Fashion Show.
 - ◆ Textile clothing accessories
 - ◆ Garments containing inappropriate language or images.

Eligibility

Advanced Entry – Must be submitted to the State 4-H Office with all the other advance entries. Check the master schedule. These are the requirements:

- ◆ All 4-H exhibitors in the Fashion Show must be registered in advance via the online State Fair entry process by the deadline.
- ◆ A completed 4-H Constructed Garment Fashion Show Form (SF24) must be mailed to Jacie Milius in Gage County by the advanced entry deadline, her information can be found here at <https://epd.unl.edu/profile/jmilius2>. OR the form may be filled out online at <https://go.unl.edu/ne4-hsffashionshowconstructedgarmentsf24>. (NOTE: Fabric swatches are still required to be mailed to Jacie Milius.) The Form SF24 it is available online, check the 4-H State Fair Book. <https://4h.unl.edu/fairbook/contests/fashion-show><https://4h.unl.edu/fairbook/contests/fashion-show>
- ◆ The 4-H Shopping in Style Fashion Show Form (SF184, revised 2/2018) must be sent to Stacey Keys in Thurston County by the advanced entry deadline, her information can be found here <https://epd.unl.edu/profile/s-skeys2>. Only the most current written report with narration will be accepted. OR the form may be filled out online at <https://go.unl.edu/ne4-hsffashionshowshoppinginstylef184>. Must include a photo (print, digital, or photocopy is acceptable). You can find Form SF184 online, check the 4-H State Fair Book. <http://4h.unl.edu/fairbook/consumer-family-science/fashion-show><https://4h.unl.edu/fairbook/contests/fashion-show>
- ◆ The county extension staff must give the State Fair 4-H Fashion Show Exhibitor letter to the 4-H exhibitor(s) participating in the State Fair 4-H Fashion Show.

Quota

- ◆ A maximum of 2 Shopping in Style modeling exhibitors from each county.

- ◆ Number of Constructed modeling exhibitors per county will be determined as follows:
- ◆ The current total of STEAM 1-3, Beyond the Needle, and Knitting & Crochet project enrollment will determine the quota for your county: whereas the number of project enrollment = number of Constructed modeling exhibitors
- ◆ 1-100 project enrollment = 2 Constructed modeling exhibitors
- ◆ 100-150 project enrollment = 3 Constructed modeling exhibitors
- ◆ 150+ = 4 Constructed modeling exhibitors?

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.

County Information for Fashion Show

1. Any 4-H'er enrolled in a clothing project may enter the Fashion Show.
2. All garments which are worn in the show must be entered in the clothing exhibits so they can be judged for workmanship.
3. Participants will be allowed to model in both the construction fashion show and Shopping in Style fashion show.
4. To be eligible for State Fair, 4-H'ers must model clothing items from the following projects:
 - ◆ Beyond the Needle,
 - ◆ STEAM I – Fundamentals,
 - ◆ STEAM 2 – Simply Sewing,
 - ◆ STEAM 3 – A Stitch Further,
 - ◆ Special county clothing 4-H projects.
5. A 4-H'er must be 10 by January 1, 2022 or become 11 years of age during 2022. Exhibitor needs to sign up for the number of outfits they plan on modeling regardless of project area.
6. Participants modeling for Fashion Show must also model in the Public Fashion Show (SF117 SF24)
7. Parents are not allowed past the registration table, in the dressing rooms, or judging areas. There are volunteers/assistants in the dressing rooms.

CLASSES

- * **C410010. Modeled “Beyond the Needle” Embellished Garments) with an Original Design** – 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** – 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 Garments)** – Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.
- * **C410030. Modeled Constructed STEAM Clothing 2 Garments)** 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). A purchased top can be worn to complete a skirt, pants, or shorts outfit with a vest or lined/unlined jacket.
- * **C410040. Modeled Constructed STEAM Clothing 3 Garments)** – 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 (swim wear, costumes, western wear-chaps, chinks, riding attire or hunting gear); OR
- ◆ Non-tailored Lined or Unlined Jacket or Coat, additional pieces with jacket or coat may either be constructed or purchased. OR
- ◆ 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, Tamera, 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 10 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.

Presentation Contest

An Illustrated 4-H Presentation, given by one (1) individual or a team of two (2) individuals, is a live presentation with a formal talk where youth will use visual aids (such as props, posters, computer-based visuals, handouts, video, etc.) to show and tell others how to do something. Presentations are given on a stage/platform. Judge views the entire presentation and engages in a question-and-answer session following presentation.

Rules

1. All participants must be 10 years old before January 1 of the current year.
2. All classes require the presence of the contestant (s).
3. Participants are required to pay a non-refundable fee of \$5 for each participant or \$10 for a team of two participants.
4. A team presentation, consisting of two (2) individuals, may be given for any class; there is no separate class for team presentations.
5. Each participant is required to wear one of following during their presentation: 4-H shirt, the 4-H chevron, or the 4-H emblem. Enrollment in the project area in which the participant is making a presentation is not required.

Eligibility

Illustrated Presentation: all participants must have received a purple rating at a County 4-H Presentations contest.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at <https://go.unl.edu/ne4hpresentationcontest>

Special Awards

- ◆ **B15112 Premier Presenter Contest:** Top four (4) outstanding presentations will be given a \$100 cash award; if awarded to a team, the cash award will be divided among the team members.
- ◆ **B151113 Illustrated Presentation Contest:** Top six (6) outstanding presentations will be given a \$50 cash award; if awarded to a team, the cash award will be divided among the team members.

Division 151

Illustrated Presentations

CLASSES:

- * **B151112 - Premier Presenter Contest** - (SF65).
- * Participant Qualification: Each Nebraska County may advance

one individual or one two-person team (top purple or Grand Champion Presentation) from the Illustrated Presentation Class in the County 4-H Presentations Contest to the Premier Presenter Contest.

* **B151113 –Illustrated Presentations-** (SF65).

Rules

1. Participant Requirements:

- ◆ All participants must have received a purple rating at a County 4-H Presentations contest.
- ◆ Youth may only participate in one class within Division 151.
- ◆ Time limit is 6-8 minutes for a presentation given by an individual, and 8-10 minutes for a presentation given by a team. Participants may be penalized if their presentation exceeds the time limits.

2. Presentation Topic:

3. All 4-H Presentations topics should be related to what the 4-H youth is learning through 4-H educational experience focused on the priorities of career and college readiness, community development, entrepreneurship, food supply confidence, healthy living, leadership development, and STEM (science, technology, engineering, math).

4. 4-H 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).

5. Contest Information:

- ◆ The contest dates and locations for all classes can be found in the 4-H Schedule at: <https://4h.unl.edu/state-fair>. The contest times will be made available online at: <https://4h.unl.edu/fair-book/contests/presentations> as soon as possible after Nebraska State Fair entries are due.
- ◆ The check-in area will contain temporary storage space for presentation supplies. Only presenters and contest officials will be permitted in the designated preparation areas, no relatives, or friends, please. Presenters are expected to clean up the areas in which they work.
- ◆ Equipment provided includes two (2) tables, one (1) easel, PC Compatible Computer (including the following software: Apple QuickTime Player, Microsoft Windows Media Player, and Microsoft PowerPoint 2019) with Wi-Fi internet connectivity, television screen, and hands-free microphone.
- ◆ 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 computer to a HDMI plug on the television.
- ◆ Live animals may be used in the presentation. All State Fair Live-stock Health Requirements must be followed. Presenters are responsible for all stalling arrangements, care, and handling of animals. Animals can only remain in the presentation area while the owner is present.

**DEPARTMENT
CREATIVE ARTS**

Premiums \$3.00 \$2.50 \$2.00

Photography

The purpose of this project area is to establish basic to advanced knowledge of and abilities in use of 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. 4-H members may enter up to three exhibits but no more than one exhibit per class (see general rules)
3. An image may only be used on one exhibit except for the Unit III Portfolios, which may include images entered as exhibit prints in other Unit III classes.
4. **Cameras:** Photos may be taken with any type of film or digital camera, including phones, tablets, and drones.

5. Photos must be shot by 4-H member during the current project year, except for the Unit III Portfolios, which may include images captured and/or exhibited in previous years.
6. Securely attach photos, mats, backing, and data tags. Exhibits that are poorly attached may be disqualified. Do not use photo corners, borders, or place coverings over the exhibits.
7. **Portfolios:** All portfolios must include the following information: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each photo. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image. Portfolios may be presented in either print or digital formats:
 - ◆ Printed portfolios should be presented in an 8.5"x11" three-ring binder or similar book format. Recommended photo size is 8"x10". Matting is not necessary.
 - ◆ Digital portfolios may be presented online and must be exhibited along with a single 8.5x11 flyer. Flyers must include a link, URL, or QR code that takes users (judges and fairgoers) to their online portfolio.
8. **Display Exhibits:** At State Fair, display exhibits are only accepted in Level II classes.
 - ◆ Displays consist of three 4"x 6" photos mounted on a single horizontal 11"x14" black or white poster or mat board. Incorrect sizes will not be accepted.
 - ◆ No foam board backing should be used.
 - ◆ Each photo in the display must be numbered using a pencil. Numbers should be readable but not distract from the overall display.
 - ◆ No titles, captions, or stick-on numbers will be allowed.
 - ◆ Photos may be mounted vertically or horizontally. Appropriate Data Tags are required (see rule regarding Data Tags).
9. **Print Exhibits:** All print exhibits must be 8"x10" printed mounted in 11"x14" (outside size) cut matting with a sandwich mat board backing. Incorrect sizes will not be accepted.
 - ◆ No foam board should be used for matting or backing.
 - ◆ Mat openings may be rectangular or oval. Photos may be horizontal or vertical. No frames are allowed.
 - ◆ Appropriate unit data tags are required (see rule regarding Data Tags).
10. **Entry Tags:** Entry tags should be securely attached to the per right-hand corner of the exhibit.
11. **Data Tags:** Data Tags are required on all print and display exhibits. Data tags are not required for portfolios. Each exhibit must have the appropriate number and level of data tags as outline below. Data Tags should be securely attached to the back of the exhibit. Current data tags and help sheet are available at <https://go.unl.edu/ne4h-photography>.
 - ◆ **Level 2 Prints:** All Level 2 prints must have a Level 2 Data Tag.
 - ◆ **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.
 - ◆ **Level 3 Prints:** - All Level 3 prints must have a Level 3 Data Tag.

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Quota

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at <https://go.unl.edu/ne4h-photography>.

Special Awards

On-Campus Exhibition Selection - Level 2 and Level 3 prints exhibited at State Fair, may be selected from State Fair entries 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.

Division 180

Photography Level 1: Adventures with Your Camera Beginner

County Only

CLASSES

- * **B180001 Picture Display.** Entry will consist of 5 pictures. You may exhibit one picture from 5 different categories. Categories are

1) Animal, 2) Building, 3) People, 4) Landscape, 5) Special Effects, 6) Still Life, 7) Sports. Size is to be 3"x5" or 4"x6".

- * **B18002 Picture Story Series.** Entry will consist of a series of 5 – 7 pictures, which tell a photo story and should have a photographic introduction, a body, and a conclusion, all done with pictures. Each photo should show a definite step. Imagination and variety are encouraged. NO CAPTIONS ARE TO BE USED!
- * **B18003 Panorama Exhibit.** Photography member enrolled in Unit 1 may exhibit in this class. The entry will consist of an arrangement of three or more pictures connected to show a wide angle of a subject. Panorama display must be mounted on a horizontal 14"x22" poster board. Pictures may have some overlap, but unwanted excess can be cropped.
- * **B18004 Photo Journal. /Album Entry** will consist of 10 pages in an 8"x11" notebook or presentation folder. Each of the 10 pictures should have an accompanying handwritten article or a short caption, containing additional information about the picture.
- * **B18005 Focus on Photography Lesson** – An entry will consist of a single, completed & bound section of Project 1, 2, 3 or 4 in Level 1 Project Manual title "Focus on Photography". You may put these in any type of Report Presentation Folder.
- * **B18006 Fun with Shadow Display-** An entry will consist of 3 pictures of three different subjects that capture the image of the shadow. Entry will be on an 11"x14" horizontal black (*preferred*) or white poster matting board. Photos should be numbered with light pencil for the judge's reference, but not detract from the display.
- * **B18007 Magic and Tricks Display-** An entry will consist of 3 pictures of three different subjects that use a "special effect" to create interesting photos. Entry will be on a 11"x14" horizontal black (*preferred*) or white poster or matting board. Photos should be numbered with light pencil for the judge's reference, but not detract from the display. All Classes use: (SF86.91)

A 4-H member enrolled in Unit II may not exhibit in a lower Unit.

Division 181

Level 2: Next Level Photography

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

CLASSES:

- * **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 which are exhibited in other Level 2 classes during the same year.
 - ◆ Portfolios must include:
 - ▶ 1-page max bio,
 - ▶ table of contents,
 - ▶ year each photo was taken,
 - ▶ title for each image,
 - ▶ device make and model used to capture each image, and
 - ▶ 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 complimentary, contrasting, monochromatic, warm, cool, primary, secondary, or tertiary. (Activity 13) –

Division 182

Level 3: Mastering Photography

Rules

I. 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.

CLASSES:

- * **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 which are exhibited in other Level 3 classes during the same year.
 - ◆ Portfolios must include:
 - 1-page max bio,
 - 2 table of contents,
 - year each photo was taken,
 - title for each image,
 - device make and model used to capture each image, and 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 an experimentation or exploration of advanced lighting, such as low-light or silhouette photography or another advanced photography technique, such as astrophotography, underwater photography, or infrared photography. (Activity 3, 4, 5, or 12)
- * **B182030 - Advanced Composition Print** - (SF89) -Photos 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 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.

Leathercraft County Only

Rules

1. Put name, age, and county on back of exhibit board or on tag attached to individual exhibit articles.
2. Include whether articles are made from kit or are self-cut and designed by the member.
3. For beginning and intermediate carving, must include what tools were used to create exhibit.
4. Projects will be evaluated on the quality of the information completed on label (25%) and quality of the exhibit (75%).
5. Leathercraft exhibitors may exhibit in more than one of the classes.
6. Leathercraft projects could include but are not limited to the following:
 - ◆ coaster,
 - ◆ bookmark,
 - ◆ key fob,
 - ◆ wristband,
 - ◆ comb case,
 - ◆ barrette,
 - ◆ necklace,
 - ◆ medallion,
 - ◆ luggage tag,
 - ◆ coin purse, billfold,
 - ◆ picture frame
 - ◆ sewing case,
 - ◆ key case,
 - ◆ drawstring
 - ◆ bag, picture,
 - ◆ belt, belt buckle,
 - ◆ leash, halter, bridle,
 - ◆ camp stool,
 - ◆ stirrup guards, vest, moccasins.

Division 904

Unit I Introductory - Stamping/Tooling

Definition:

Stamping / tooling is where you use impressions made from tools to form a design. Apply a clear finish to you article. May exhibit 1-3 articles.

CLASS:

- * G904900 Stamping

Unit II. Beginning Carving

Definition:

Carving is where you cut into the leather (usually with swivel knife) as part of the design you are tooling.

You must use swivel knife to cut and tool pattern. May also use camouflage tool, pear shaver, beveller, vainer, seeder, backgrounder, and decorative cuts. Exhibit label must include tools used for each exhibit article.

A clear leather finish is applied to exhibit article (s). May exhibit 1-3 articles.

CLASS:

- * G904903 Carving

Unit III. Intermediate Carving w/Lacing or Stitching

Definitions:

Cord- is a round and waxed thread

Lace- is flat with a shiny side and a rough side

Exhibit label must include tools used for each exhibit article.

Must carve and lace (or stitch) project using cord or lace. Finish is exhibitor's choice. May exhibit 1-3 articles.

CLASS:

* **G904906 Carving w/ Lacing or stitching.**

CLUB BOOTHS

Premiums: 10.00

County Only

Exhibit will be displayed inside or outside of the 4-H Building. Examples of decorated exhibit are hay bales, planted flower buckets, trash barrels, etc. Outside exhibits need to be waterproof including tag with club name. Exhibit needs to promote either a 4-H project or club or promote the current fair theme. Contact extension office to make arrangements to set up booths. One exhibit per class.

Division 151 Booths

CLASSES:

* **B151001** Booth

* **B151002** Decorative Exhibit

* **B151003** Diorama

Three-dimensional mini scene displayed in box no larger than 30.”

**DEPARTMENT
CONSUMER & FAMILY
SCIENCE**

Premiums: **3.00 2.50 2.00**

CLOTHING

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 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.

Rules:

1. **ENTRY TAGS:** Every clothing exhibit must be described on the appropriate entry tag accompanying it (for example: dark blue wool skirt and jacket, red and white figured blouse). Entry tag placement: as you look at the garment place the entry tag on the right side of the garment and the hook of the hanger to the left.
2. **IDENTIFICATION LABELS:** Each item entered as a clothing, knitting or crochet exhibit must have a label attached stating: County, 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.
3. **PREPARATION OF EXHIBITS:** Please bring all wearable exhibits on wire hangers or hangers with a swivel hook ONLY. All exhibits not suitable for hanging should be entered in a self-sealing plastic bag and hung on a hanger. Wool garments and garments with narrow straps hang better on other hangers, i.e., wooden, or notched plastic hangers with a swivel hook. As you look at the garment, place the hook of the hanger to the left. Fasten skirts, shorts, and pants to skirt/pant hangers or safety pin on hanger. Each piece should be entered on its own hanger. If more than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands.
4. **REMOVAL OF ENTRIES:** Entries may not be removed for use in any other State Fair activity including State Fair Fashion Show.
5. **GENERAL:** Garments as listed may be made for self (4-H member) or another person. Garments will be displayed by county. 4-H'ers

enrolled in clothing projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in STEAM Clothing 3, you are not eligible to exhibit in STEAM Clothing 2.

6. **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.

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/ne4hclothing>.

Special Awards

- ◆ Premier 4-H Science Award is available in this area.
- ◆ Please visit this site for more details <https://4h.unl.edu/fair-book/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.

Division 220

General Clothing-STEAM Clothing I

Rules:

1. 4-H members must show their own original creativity. 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 II Clothing project are not eligible to exhibit in STEAM Clothing I.

CLASSES:

- * **C220901 Clothing Portfolio** – Complete at least three different samples/activities from Chapter 2 OR Chapter 3 of the project manual. The Portfolio should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. (Additional pages can be added each year but should be dated.) See pages 9-10 for portfolio formatting.
- * **C229002 Sewing Kit** – Include a list of sewing notions and purpose for each included. (pg. 12-17 in project manual)
- * **C220903 Fabric Textile Scrapbook** – Must include at least 5 different textile samples. Use Textile Information Cards template on page 41 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. See project manual for fabric suggestions.
- * **C220904 What's The Difference** – 4-H members enrolled in STEAM Clothing 1 may enter an exhibit (not to exceed 22" x 30") a notebook, poster, small display sharing a project comparison and price point. See project manual, "What's the Difference?" page 118-119. Exhibits should include pictures NO actual pillows.
- * **C220905 Clothing Service Project** – Can include pillows or pillow cases but are not limited to. Exhibit (not to exceed 22" x 30") a notebook, poster, small display sharing information you generated in the project activity "Serving A Purpose" page 124 and 125.
- * **C220906 Pillowcase**
- * **C220907 Simple Pillow (no larger than 18" x 18")**
- * **C220008 Bag/Purse**
- * **C220909 Chair Caddy SSF- Level 2**
- * **C220910 Sleeping bag for Doll-Level 2**
- * **C220911 Patchwork for Pillow-Level 2**
- * **C220912 Pillow Stripes- Level 2**
- * **C220913 Tote Bag- Level 2**
- * **C900914 Belt Bag- Level 2**
- * **C220915 Everything Bag- Level 2**
- * **C220916 Windsock-Level 3**
- * **C220917 Diagonal Patchwork Pillow-Level 3**
- * **C220918 Wall organizer-Level 3**

- * **C220919 Football Pillow-Level 3**
- * **C220920 Sew for fun pillow- Level 3**
- * **C220921 Fanny Pack- Level 3**
- * **C220922 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.
- * **C220923 Upcycled Accessory** - A wearable accessory made from a used item. The item used must be changed in some way in the “redesign” process. A “BEFORE” picture and a description of the redesign process must accompany the entry, or it will be disqualified.
- * **C220924 Beginning Embellished Garment**—Create a garment using beginning 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.
- * **C220925 Beginning Textile Clothing Accessory**—Accessory is constructed and/or decorated using techniques as defined in the project manual. Entry examples include hats, bags, scarves, gloves, aprons etc.
- * **C220926 Pincushion**

Division 220 Continued General Clothing-Steam Clothing 1

Rules:

1. 4-H members in all skill levels may exhibit in this area.

CLASSES

- * **220001: Clothing Portfolio** - Scoresheet SF20 Complete at least four different samples/activities from Chapters 2, 3 or 4 of the project manual. The Portfolio should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. Portfolio should build upon itself each year (additional pages can be added each year but should be dated.) See pages 9-11 in STEAM Clothing 2: Simply Sewing project manual for portfolio formatting.
- * **220002: Textile Science Scrapbook** - Scoresheet 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 1/2 x 11, 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 project manual for fabric suggestions.
- * **220003: Sewing for Profit** - Scoresheet SF63- Using page 161-167 in the STEAM Clothing 2: Simply Sewing project manual, display what products you posted online and analyze the cost of goods purchased to determine the appropriate selling price for your product. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22” x 30”.

Division 221 Beyond the Needle

4-H members must show their own original creativity.

CLASSES:

- * **C221001 Design Portfolio** - Scoresheet SF20 – A portfolio consisting of at least three design samples or activities. Refer to the project manual for activity ideas. The Portfolio should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. (Additional pages can be added each year but should be dated.) See pages 14-16 for portfolio formatting.
- * **C221002 Color Wheel** - Scoresheet SF20– Create your own color wheel, complimentary 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” x 30”.
- * **C221003 Embellished Garment with Original Design** - (eligible for State Fair Fashion Show) - Scoresheet SF26 - Create a garment using intermediate or advanced 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.

- * **C221004 Original Designed Fabric Yardage** - (SF27)- Fabric yardage is designed using techniques such as those found in the manual. Other embellishments may be added. Exhibit consists of at least one yard of finished fabric. Include information on how the fabric was designed – describe the process and materials used and how the fabric will be used. If additional information is not included, exhibit will be lowered one ribbon placing.
- * **C221005 Item (garment or non-clothing item) Constructed from Original Designed Fabric** - (Only garments eligible for State Fair Fashion Show) - Scoresheet SF26 - Fabric yardage is designed first, then an item is constructed from that fabric. Other embellishments may be added. Include information on how the fabric was designed –describe the process and materials used. If additional information is not included, exhibit will be lowered one ribbon placing.
- * **C221006 Textile Arts Garment or Accessory**— (Garment eligible for State Fair Fashion Show) Scoresheet - SF25 - A garment or accessory constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape. A description of the design process **must** accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.
- * **C221007 Beginning Fashion Accessory** - (Not eligible for State Fair Fashion Show) - Scoresheet SF23 - An accessory designed and/or constructed using elements and principles of design; can be textile or non-textile based. Example: shoes, bracelets, scarves, etc. A description of the design process **must** accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.
- * **C221008 Advanced Fashion Accessory**— (Not eligible for State Fair Fashion Show)- Scoresheet SF23 - An accessory designed and/or constructed using elements and principles of design and advanced skills; can be textile or non-textile based. Example: peyote stitch, bead embroidery, advanced design on tennis shoes, metal stamping, riveting, resin, etc. A description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.
- * **C221009 Wearable Technology Garment**— (Not eligible for State Fair Fashion Show) - Scoresheet? - Technology is integrated into the garment in some way (For example: LEDs, charging capabilities, sensors, etc.)
- * **C221010 Wearable Technology Accessory**— (Not eligible for State Fair Fashion Show) - Scoresheet? - An accessory constructed integrating technology into the accessory (For example: Charging Backpack, Fitness Tracker, etc.).

Rules

1. 4-H members must show their own original creativity.

Division 222

STEAM Clothing 2- Simply Sewing

Rules:

1. Exhibits entered in this project must reflect at least one new skill learned from this manual (see project manual skill-level list). 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.

CLASSES:

- * **C222001: Design Basics, Understanding Design Principles** - Scoresheet SF20– 4-H members enrolled in STEAM Clothing 2 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" x 30".
- * **C222002: Pressing Matters** - Scoresheet SF20 – 4-H Members enrolled in STEAM Clothing 2 may enter a ham or sleeve roll from pages 21-25 “A Pressing Matter” in the project manual. Exhibit should include answers to lesson questions that are most appropriate to include.
- * **C222003 Upcycled Garment** - (not eligible for State Fair Fashion Show) - Scoresheet SF21 – 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 “before” picture and a description of the redesign process must accompany the entry.

- * **C222004 Upcycled Clothing Accessory** - (not eligible for State Fair Fashion Show) - Scoresheet SF22 – 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 “before” picture and a description of the redesign process must accompany the entry.
- * **C222005 Textile Clothing Accessory** - (not eligible for State Fair Fashion Show) - Scoresheet SF23 - Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 2. Entry examples include hats, bags, scarves, gloves. No metal, plastic, paper, or rubber base items allowed (i.e., barrettes, headbands, flip flops, duct tape, etc.).
- * **C222006 Top** - (not eligible for State Fair Fashion Show)- Scoresheet SF28 (vest acceptable)
- * **C22207 Bottom** - (not eligible for State Fair Fashion Show)- Scoresheet SF28 - (pants or shorts)
- * **C22208 Skirt** - (not eligible for State Fair Fashion Show)- Scoresheet SF28
- * **C22209 Lined or Unlined Jacket** - (not eligible for State Fair Fashion Show)- Scoresheet SF28
- * **C222010 Dress** - (eligible for State Fair Fashion Show)- Scoresheet SF28 - (not formal wear)
- * **C222011 Romper or Jumpsuit** - (eligible for State Fair Fashion Show)- Scoresheet SF28
- * **C222012 Two-Piece Outfit** - (eligible for State Fair Fashion Show)- Scoresheet SF28
- * **C222013 Alter Your Pattern** - Scoresheet (SF31) (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 information sheet that describes:
 - ◆ how the pattern was altered or changed,
 - ◆ why the changes were needed/wanted.Appropriate skills for altering/designing a pattern in STEAM 2 include:
 - ◆ moving darts,
 - ◆ merging two patterns together,
 - ◆ altering a pattern for a woven or knit material,
 - ◆ adding a lining.
- * **Class 222014 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) - (SF32)
 - ◆ Fabric/Fibers used in this garment must 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.

Division 223

STEAM Clothing 3 - A Stitch Further

CLASSES:

- * **C223001 Upcycled Garment** - (not eligible for State Fair Fashion Show) - Scoresheet SF21 – 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 “before” picture and a description of the redesign process must accompany the entry
- * **223002 Upcycled Clothing Accessory** - (not eligible for State Fair Fashion Show) - Scoresheet SF22 – 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 “before” picture and a description of the redesign process must accompany the entry.
- * **223003 Textile Clothing Accessory** - (not eligible for State Fair Fashion Show) - Scoresheet SF23 - Textile accessory is constructed using at least one skill learned in this project from

materials appropriate for STEAM 3. 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) - Scoresheet SF28
- * **C223005 Skirted Combination** - (Eligible for State Fair Fashion Show)- Scoresheet SF28 - (skirt with shirt, vest or jacket OR jumper and shirt)
- * **C223006 Pants or Shorts Combination** - (Eligible for State Fair Fashion Show)- Scoresheet SF28 - (pants or shorts with shirt, vest, or jacket)
- * **C223007 Romper or Jumpsuit** - (Eligible for State Fair Fashion Show)- Scoresheet SF28
- * **C223008 Specialty Wear** - (Eligible for State Fair Fashion Show)- Scoresheet SF28 - (includes swim wear, costumes, hunting gear, or chaps)
- * **C223009 Lined or Unlined Jacket** - (Eligible for State Fair Fashion Show) - Scoresheet SF28 - (non-tailored)
- * **C22310 Coat, Blazer, Suit Jacket or Outerwear** - (Eligible for State Fair Fashion Show) - Scoresheet 29 - 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.
- * **C222011 Alter/Design Your Pattern** - Scoresheet (SF31) 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 information sheet that describes:
 - ◆ how the pattern was altered or changed,
 - ◆ 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
- * **Class 222012 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) (SF32) - Fabric/Fibers used in this garment must 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). 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.

KNITTING & CROCHETING

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.

Rules:

1. **Number of Entries per County:** Each county should select the exhibits that represent the county's best items. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
2. **Entry Tags:** Every clothing exhibit must be described on the appropriate entry tag accompanying it (for example: dark blue wool skirt and jacket, red and white figured blouse). Entry tag placement: as you look at the garment place the entry tag on the right side of the garment and the hook of the hanger to the left.
3. **Identification Labels:** Each item entered as a 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.

4. **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 bag. As you look at the garment, place the hook of the hanger to the left. Fasten skirts, shorts, and pants to skirt/pant hangers or safety pin on hanger. Each piece should be entered on its own hanger. If more than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands.
5. **Removal of Entries:** Entries may not be removed for use in any other State Fair activity including State Fair Fashion Show.
6. **General:** Garments as listed may be made for self (4-H member) or another person. All knitted and crocheted items will be displayed together or by county. 4-H'ers enrolled in knitted and crocheted projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in Knitting Level 3, you are not eligible to exhibit in Knitting Level 2.

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Quota

Each county should select the exhibits that represent the county's best items. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. Only one exhibit per exhibitor per class. Refer to [General Rules](#)

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.

Division 225 **Knitting**

Rules:

1. All knitted items will be displayed in the clothing area.
2. Criteria for judging knitting: Design and Color, Neatness, Knitting Mechanics, Trimmings, and Constructions Finishes.
3. Scoresheet SF60 for all classes. Information Sheet must be included for all classes in Knitting. Each knitted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:
 - ◆ What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s)?)
 - ◆ What steps did you take as you worked toward your goal(s)?
 - ◆ What were the most important things you learned as you worked toward your goal(s)?
 - ◆ Gauge-Number of rows per inch; number of stitches per inch.
Size of needles, finger knitted, arm knitted, loom or machine knitted.
 - ◆ Kind of yarn – weight and fiber content.
 - ◆ Names of stitches used.
 - ◆ Copy of directions.

CLASSES:

- * **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 patterns.
- * **C225002 Level 2 Knitted Home Environment Item** - (SF60) Knitted Item using basic stitches [including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn

Over (yo) to form patterns.

- * **C225003 Arm or Finger Knitted Item**—(SF60) Clothing or Home Environment Item.
- * **C225004 Loom Knitted Item**—(SF60) Clothing or Home Environment Item.
- * **C225005 Level 3 Knitted Clothing**—(SF60) (Garment eligible for State Fair Fashion Show) - Knitted item or garment made from advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, Tamerna, Plait, Germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle, made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.
- * **C225006 Level 3 Knitted Home Environment Item** - (SF60) Knitted item made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.
- * **C225007 Level 3 Machine Knitting**

Division 226 Crochet

Rules:

1. All crochet items will be displayed in the clothing area.
2. Criteria for judging crochet: Design and Color, Neatness, Crochet Mechanics, Trimmings, and Construction Finishes.
3. Each scoresheet must include the following information with the entry tag or exhibit will be lowered one ribbon placing.
 - ◆ What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s)?)
 - ◆ What steps did you take as you worked toward your goal(s)?
 - ◆ What were the most important things you learned as you worked toward your goal(s)?
 - ◆ Gauge and size of hook or type of crocheting tool.
 - ◆ Kind of yarn – weight and fiber content or other material used.
 - ◆ Names of stitches used.
 - ◆ Copy of directions.

CLASSES:

- * **C226001 Level 2 Crocheted Clothing**—(SF61) (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 Environment Item** - (SF61) Crochet item using basic stitches [including: chain, single, double, half-double, treble] to form patterns.
- * **C226003 Level 3 Crocheted Clothing**—(SF61) (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 Environment Item** -(SF61) Crochet item using stitches learned in Level 2 while advancing to use Afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

QUILT QUEST

Division 229

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 the work by himself/herself. This includes pattern and fabric selection, cutting and sewing individual pieces, layering the quilt top/batting/backing together, and quilting. Quilting may be done by hand, by

sewing machine or by a commercial-grade quilting machine. After quilting, the 4-H'er must finish the quilt by "squaring it up," put binding on the edge, and placing a label on the quilt which provides details about the quilt making process for historical purposes.

**C229001-C229004 are
County Only**

CLASSES

- * **C229001 My first quilt** - 4-H'er may enter their first quilt in this class, any size.
- * **C229002 One block project** - Fabric block made and finished, with a border, into a table mat or other small project.
- * **C229003 Hand quilting** - small project on plain fabric, finished into a useable item hand quilted by the 4-H'er. Templates may be used for the quilt design, or they may be hand drawn or traced from other sources. May make into a pillow, wall hanging, or other finished item.
- * **C229004 Community service** - Photograph of 4-H'ers and the quilt or quilts they made as a community service project. Indicate where or to whom the quilt or quilts were given.

Rules:

1. All entry cards and support information must be attached using a safety pin. **No straight pins.**
2. When judging Quilt Quest exhibits, the judges consider SF209 "Standards for Judging Quilts and Quilted Items."
3. For all classes, 4-H'ers can choose fabrics for the quilt by selecting fabric from fabric bolts. 4-H'ers may also use "fabric collections" offered by manufacturers in a particular designer or fabric line. Examples of fabric collection include:
 - ◆ **Jelly Rolls** are made of (up to) 40 different strips of 2 ½" wide fabric laying on top of one another and rolled up to look like a jelly roll. The fabric is created by one designer or fabric line and compliments each other. In many cases, less skilled 4-H'ers 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 the Jelly Rolls with 1 ½" strips of fabrics.
 - ◆ **Layer Cakes** are 10" 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" squares of coordinating fabric and may be tied up with a string or scrap of fabric.
 - ◆ **Candies** are 2.5" squares of fabric from a manufactured designer or fabric.
 - ◆ **Turnover** is a collection of coordinating fabrics that are cut into 6" triangles.
 - ◆ **Fat Quarters** are ½ yard cuts of fabric which are cut in half to make a rectangle that is approximately 18" x 21". (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-H'er must cut out all the smaller squares, rectangles, etc. to make the quilt top according to the pattern directions.

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 shapes which can be appliqued to 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 quilter's name and date of completion.

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Quota

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at <https://go.unl.edu/ne4hquilting>.

Barn Quilts

A barn quilt is a large piece of wood that is painted to look like a quilt block.

CLASSES:

- * **C229021 – Barn Quilt created that is less than 4’x4’** (SF208B)
- * **C229022 – Barn Quilt created that is 4’x4’ or larger** (SF208B)

Rules:

1. Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Please note this is the [Home Environment information sheet](#). Exhibits without [supporting information](#) will be dropped a ribbon placing.

Exploring Quilts

CLASSES

- * **C229010 – Exploring Quilts** – SF208C Illustrate some aspect of quilts or quilt making. Examples include, but are not limited to:
 - ◆ language arts,
 - ◆ quilts of different cultures,
 - ◆ chemistry, design, preservation, history,
 - ◆ construction,
 - ◆ math-conversion of quilt patterns,
 - ◆ textiles/fabrics,
 - ◆ computerization,
 - ◆ Entrepreneurship,
 - ◆ History may include history of an old quilt or history/research of a particular style of quilt such as Baltimore album quilts or Amish quilts,
 - ◆ Exhibit may be a 14 x 22-inch poster, notebook, CD, Power point, 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.
- * **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
 - ◆ type of program used,
 - ◆ 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

CLASSES 80 – 83

1. Entire quilt is the **sole work** of the 4-H member, including quilting (hand or machine).
2. The youth may receive guidance but no one else may work on the quilt.
3. Tied quilts are not eligible for this class.
4. SF208A Scoresheet for Quilts and Quilted Items

- * **C229080 – Hand quilted**
- * **C229081 – Sewing machine quilted**
- * **C229082-Long arm quilted—non computerized/hand guided**
- * **C229083 – 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 item with quilt design made using medium other than fabric, such as, wooden quilt block, stained glass, paper, etc.

Rules:

1. Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Tag templates can be found on the 4-H State Fair website. Please note this is in the [Home Environment information sheet: http://4h.unl.edu/fairbook#tab3](http://4h.unl.edu/fairbook#tab3) Exhibits without [supporting information](#) will be dropped a ribbon placing.

Quilted Exhibits

CLASSES 40-42

- * **Class 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 you used a kit, jelly roll, charm squares, etc.
- * **Class 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:
 - ◆ How was the quilt planned and who did what in the construction of the quilt?
 - ◆ How did you select the design and fabrics including whether you used a kit, jelly roll, charm squares, etc.?
 - ◆ What did you learn that you can use on your next project?
- * **Class 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:
 - ◆ Why was the quilt constructed and who will receive the donated quilt?
 - ◆ How did you select the design and fabrics used including whether you used a kit, jelly roll, charm squares, etc.?
 - ◆ What did you do and what was done by others?

CLASSES C229050 – C229052

Pieced quilts made up of squares and/or rectangles. SF208A.

- * **C229050 - 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.
- * **C229051. Medium** length + width = 61" to 120"
- * **C229052. Large** - length + width = over 120"

CLASSES C229060 – C229062

In addition to any of the methods in classes 50–52, quilts may have triangles, and/or may be embroidered. SF208A

- * **C229060 - 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.
- * **C229061 - Medium** - length + width = 61" to 120"
- * **C229062 - Large** - length + width = over 120"

CLASSES C229070 – C229072

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.) SF208A
- * **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 degree of difficulty in construction and not the number of years in the project.
2. A quilted exhibit consists of 3 or more layers.
3. All quilted exhibits must be quilted (machine or hand) or tied.
4. All quilt piecing and finishing must be the sole work of the 4-H member.
5. Quilting, whether machine or hand quilted, may be done by another individual, except for the Premier Quilt class.
6. No pre-quilted fabric may be used.
7. Wall quilts must have a hanging sleeve on the back of the quilt or some method for hanging.
8. All quilted exhibits must be clean and finished for intended purpose.
9. On a half sheet of 8 1/2 x 11-inch paper, include an explanation answering the following questions:
 - “ How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.
 - “ What did you do and what was done by others?
 - “ What did you learn you can use on your next project?

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, recording, drawings, illustrations, writings or displays that depict the heritage of the member's family or community or 4-H history.

Rules

1. **Please note: Exhibits are entered at 4-H's own risk. We will not be responsible for loss or damage to family heirloom items or any items in this division.**
2. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the historical item is larger than 22" x 28", please contact the superintendents for approval.
Display collections securely in an attractive container no larger than 22" x 28".
3. Exhibits must include NAME, COUNTY, AGE & PAST EXPERIENCE (years in Explore Your Heritage, projects) on back of exhibit.
4. All entries must have documentation included.

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/ne4hheritage>.

Division 101

Level 1-Beginning Heritage

(1-4 years in project)

(SF71)

CLASSES:

- * **A101001 - Heritage poster or flat exhibit** - Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation.
- * **A101002 - Family Genealogy/History Notebook** - Include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work.
- * **A101003 - Local History Scrapbook/Notebook** - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- * **A101004 - Framed family groupings (or individuals) of**

- pictures showing family history** - Pictures must be supported by a written explanation.
- * **A101005 - Other exhibits depicting the heritage of the member's family or community** - Exhibit must be supported by a written explanation. May include biographical album of themselves or another family member, family cookbooks, etc.
- * **A101006 - 4-H History Scrapbook** - A scrapbook relating 4-H history of local club or county. Must be work of individual 4-H'er - no club project. If multiple books included in exhibit, only bring book with most current year's work.
- * **A101007 - 4-H History Poster** - Poster relating 4-H history of local club or county or individual.
- * **A101008 - Story or illustration about a historical event.**
- * **A101009 - Book review about local, Nebraska or regional history**
- * **A101010 - Other historical exhibits** - attach an explanation of historical importance.
- * **A101011 - Family Traditions Book** - Exhibitor scrapbook depicting family traditions of the past.
- * **A101012 - Family Traditions Exhibit** - Story or illustration of a family tradition or event. Exhibits must be supported by a written explanation.
- * **A101013 - 4-H Club/County Scrapbook** - Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.
- * **A101014 - 4-H Member Scrapbook** - Scrapbook relating to individual 4-H members' 4-H history. If multiple books included in exhibit, only bring book with most current year's work.
- * **A101015 - Special Events Scrapbook** - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion etc.

Division 102
Level II: Advanced Heritage
(Over 4 years in project)
(SF71)

Rules

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

CLASSES

- * **A102001 - Heritage poster or flat exhibit** - Entries may be pictures, posters, items, etc. that depict family heritage. Exhibits must be supported by a written explanation.
- * **A102002 - Family Genealogy/History Notebook** - Include pedigree charts/family group sheets, with documentation beyond two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work.
- * **A102003 - Local History Scrapbook/Notebook** - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- * **A102004 - Framed family groupings (or individuals) of pictures showing family history** - Pictures must be supported by a written explanation.
- * **A102005 - Other exhibits depicting the heritage of the member's family or community** - Exhibit must be supported by a written explanation. May include biographical album of themselves or another family member, family cookbooks, etc.
- * **A102006 - 4-H History Scrapbook** - A scrapbook relating 4-H history of local club or county. Must be work of individual 4-H'er, no club project. If multiple books included in exhibit, only bring book with most current year's work.
- * **A102007 - 4-H History Poster** - Poster relating 4-H history of local club or county or individual.
- * **A102008 - Story or illustration about a historical event**
- * **A102009 - Book review about local, Nebraska or regional history**
- * **A102010 - Other historical exhibits** - Attach an explanation of historical importance.
- * **A102011 - Exhibit depicting the importance of a community**

or Nebraska historic landmark

- * **A102012 - Community Report** - documenting something of historical significance from past to present.
- * **A102013 - Historic Collection** - displayed securely and attractively in a container no larger than 22" x 28".
- * **A102014 - Video documentary of a family or a community event** - Must be produced and edited by 4-H member.
- * **A102015 - 4-H Club/County Scrapbook** - Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.
- * **A102016 - 4-H Member Scrapbook** - Scrapbook relating to individual 4-H members' 4-H history. If multiple books included in exhibit, only bring book with most current year's work.
- * **A102017 - Special Events Scrapbook** - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.

Division 100 Scrapbooking

County Only

CLASSES

- * **C100001 Scrapbook Layout Unit 1**-Minimum 2 pages. All the following classes will be comprised of a two-page layout. The two-page layout can be **one double sided page** with a continuous theme or occasion on both sides, **or it can consist of two one sided pages that fold out to be displayed at one time.** Creativity and neatness will be stressed. Designs should consider art principles such as balance, emphasis, movement, pattern, repetition, proportion, rhythm, variety, and unity. Pages will be submitted as pages only. May put into protective sheet cover. Books will not be accepted. Topic areas can include:
 - ◆ Holiday
 - ◆ Birthday
 - ◆ Baby
 - ◆ School
 - ◆ Sports
 - ◆ Family
 - ◆ General
- * **C100002 Mini Albums Unit 2** -Minimum 8 page per entry. All the following classes will be comprised of a common themed book with a minimum of 8 single sided pages. All pages must be submitted in an appropriate scrapbook. Books can be resubmitted from previous years if 8 new pages have been added. Books should consider art principles such as balance, emphasis, movement, pattern, repetition, proportion, rhythm, variety, and unity the entire book. Topic areas can include:
 - ◆ Holiday
 - ◆ Birthday
 - ◆ Baby
 - ◆ School
 - ◆ Sports
 - ◆ Family
 - ◆ General

Resources

Learn about the origins of your family or traditions; Find the stories in family photographs; Identify family keepsakes

DEPARTMENT HOME ENVIRONMENT

Premiums: \$3.00 \$2.50 \$2.00

The purpose of Home Environment is to learn design principles and develop graphic design techniques. In addition, activities in this category encourage a 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 Environment Exhibits are evaluated by these criteria:

1. Items must be designed to be used for home decorating, home furnishing or home management (no clothing, purses, note cards, scrapbooks/photo albums, etc.)
2. Accessories should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday-specific items are discouraged.
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 simple explanation of how they designed their project with their exhibit. Information on the elements and principles of design may be found in the Design Decisions manual, as well as Portfolio Pathways and Sketchbook Crossroads.
4. Entered in correct class: What medium was changed or manipulated? What medium is most of your exhibit made from.
5. Items should be ready for display in the home:
 - ◆ pictures framed,
 - ◆ wall hangings and pictures ready to hang etc.
 - ◆ No single mat board or artist canvas panels allowed.
 - ◆ Wrapped canvas (if staples not visible on edge) is accepted without framing.
 - ◆ Make sure hangers are strong enough to support the item.
 - ◆ Command strips are not adequate hangers.
 - ◆ Items not ready for display will be dropped one ribbon placing.
6. Items should *not* be made for beginning level or other projects (ex. simple (10 minute) table runners or woodworking).

Exhibits from the beginning level projects, 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 2 4-H STAFF.**
8. **NUMBER OF ENTRIES PER INDIVIDUAL** - One entry per exhibitor per class. Limit of two entries in ALL home environment projects per exhibitor.
9. **ENTRY TAGS** - An entry tag which includes a clear description of the entry must be securely attached to each Home Environment exhibit. Use color, pattern, or picture descriptions to aid in identification. No straight pins.
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 Home Environment exhibits. Information must include elements or principles of design used and steps taken to complete project. Tag templates can be found at <https://go.unl.edu/ne4hhomeenvironment>. **Exhibits without supporting information will be dropped a ribbon placing.**

Eligibility

All static exhibits must have received a purple ribbon at county fair, to advance to State Fair.

Quota

Quota of Exhibits - Based on current year total of Home Environment project enrollment. This total does not include Design My Place or Clover Kid entries. Entries should represent the county's best items, not just fill a quota. Sending delicate, breakable, or valuable items is highly discouraged.

- ◆ 0-150 Projects: One entry per class
- ◆ 151-300 Projects: One entry per class per county, plus an additional 10 entries. No more than two entries per class
- ◆ 301+ Projects: One entry per class plus an additional 15 entries.

Number of Entries per Individual - One entry per exhibitor per class. Limit of two entries in ALL home environment projects per exhibitor. For more information refer to [General Rules](#).

Scoresheets, Forms, and Contest Study Materials

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

Division 257

Design Decisions

Rules

1. Attach information to explain steps taken. Information must also

include element or principle of design used (p. 9-12).

CLASSES

- * **C257001 - Design board for a room** - (SF201) Include: color scheme, wall treatment, floor treatment, etc. OR floor plan for a room. Posters, 22" x 28", 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** – I(SF201) Identify a problem (such as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.)
 - ◆ OR explore a career related to home environment. (What would it be, what education is needed, what would you do, etc.)
 - ◆ Using poster, notebook, multimedia presentation (on CD) or other method, describe the problem and how it was solved.
 - ◆ OR your career exploration. (p. 74-93)
- * **C257003 - Solar, wind, or other energy alternatives for the home** – (SF201) Can be models, either an original creation or an adaptation of kit. If kit, label and explain what was learned and how the item could be used in or on exterior of home. (p. 74-93)
- * **C257004 - Technology in Design** - (SF200) Incorporate technology into a project related to home 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.
- * **C257008 - Bedcover** - (SF200) May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts, state who did the quilting. (No tied fleece blankets.) (p. 50-53)
- * **C257009 - Accessory -- Original Needlework/Stitchery** (SF200)
- * **C257010 - Accessory – Textile – 2D** (SF200) (tablecloth 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.)
- * **C257012 - Accessory - 2D** (SF200)
- * **C257013 - Accessory –3D** (string art, wreaths, etc.) (SF200)
- * **C257014 - Accessory – Original Floral Design** (SF200)
- * **C257015 - Accessory – Original made from Wood** – (SF200) burn, cut, shape, or otherwise manipulate
- * **C257016 - Accessory – Original made from Glass** – (SF200) etch, mosaic, stain, molten or otherwise manipulate
- * **C257017 - Accessory – Original made from Metal** – (SF200) cut, shape, punch, sculpt, reassemble, or otherwise manipulate.
- * **C257018 - Accessory – Original made from Ceramic or Tile.** – (SF200) Treatment to exhibit must go through process that permanently alters the medium. Painting alone is not sufficient.
- * **C257019 - Accessory –Recycled/Upcycled Item for the home** - (SF207) reuse a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.
- * **C257020 - Furniture – Recycled/Remade**, (SF207) made or finished by using a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.
- * **C257021 - Furniture - Wood Opaque finish** (SF203) such as paint or enamel.
- * **C257022 - Furniture – Wood Clear finish** (SF203) showing wood grain.
- * **C257023 - Furniture - Fabric Covered** - (SF200) May include stool, chair seat, slipcovers, headboard, etc.
- * **C257024 - Furniture – Outdoor Living** - Furniture made/refurbished suitable for outdoor use. (NOTE: May be displayed outside). Include description of what was done to recycle or reuse item in your attached information.

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

Division 256 Heirloom Treasures/ Family Keepsakes

(Scoresheet SF206: Class 1) (Scoresheet SF205: Classes 2-4)

Rules:

1. This project area is for items with historic, sentimental, or antique value that are restored, repurposed, or refinished to keep their original look and value. It is not for "recycled" items. For example, a bench would be considered an heirloom if the original finish is restored, but if decorated by painting it would be considered recycled. Entering highly valuable items (especially small ones) is discouraged, as exhibits are not displayed in closed cases.
2. NOTE: Resources to support this project area are available on the 4-H website. Attach information including:
 - ◆ List of steps taken to complete your project. Before and after pictures are encouraged.
 - ◆ Keepsakes documentation: how you acquired the item, and the history of the item may be written, pictures, audio, or video tape of interview with family member, etc.

CLASSES:

- * **C256001 - Trunks** - 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** - May include a display of a collection or collectibles, being careful not to destroy value of the collection.
- * **C256003 - Furniture** - 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** - A reconditioned and cleaned old piece of furniture or accessory that is functional for use or display. Item might be cleaned and waxed, and simple repairs made. Item would not be refinished or repainted but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. Consult extension publication Care and Conservation of Heirloom Textiles, for information on textiles. [This publication can be found in the Digital Commons at: https://go.unl.edu/gcnh](https://go.unl.edu/gcnh) (Refinished items go in classes 2 – 3.) This class is for situations where it may be best to do very little to the item to maintain its antique value. Item or article should be of complexity suited to an advanced project.

VISUAL ARTS

The purpose of the Visual Arts projects is to learn design principles and develop design techniques. In addition, youth should work to communicate a personal voice, with intention, through their work. Be sure to take note of the rules section to develop a successful project. By completing supporting documentation, youth will examine their choices and demonstrate an understanding of the elements of art and principles of design

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. Display - Items should be ready for display, framed, ready to hang, etc. No single mat board or artist canvas panels allowed. Wrapped canvas (if staples not visible on edge) is accepted without framing. Make sure hangers are strong enough to support the item. Command Strips are not adequate hangers. Items not ready for display will be dropped one ribbon placing.
3. Entries per Exhibitor: 4-H members may enter up to three exhibits but no more than one exhibit per class.

4. Entry Descriptions: Entry tags should include a clear, visual description of the exhibit, such as colors, size, or subject to aid in identification.

5. Supporting Information: Supporting information is required for all Visual Arts exhibits. Information must include responses to at least two reflection questions and steps taken to complete the project. Supporting Information tag templates can be found at <https://go.unl.edu/ne4hvisualarts>. Exhibits without supporting information will be dropped a ribbon placing

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Quota

Based on current year total of Visual Arts project enrollment.

- ◆ 1-150 projects: up to 8 entries in Portfolio Pathways and up to 10 entries in Sketchbook Crossroads
- ◆ 151-300 projects: up to 10 entries in Portfolio Pathways and up to 12 entries in Sketchbook Crossroads
- ◆ 301+: up to 12 entries in Portfolio Pathways and up to 14 entries in Sketchbook Crossroads

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at <https://go.unl.edu/ne4hvisualarts>.

Field Code Changed

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 State Fair and will be returned to county Extension offices following the on-campus exhibition. Youth whose pieces are selected will be contact directly with additional information including the exhibition and reception dates.

Division 261

Portfolio Pathways

CLASSES

- * **C261001 - Original Acrylic Painting** - (SF200) - framed and/or ready to hang. ([Portfolio Pathways](#), p. 12-13)
- * **C261002 - Original Oil Painting** - (SF200) - framed and/or ready to hang. ([Portfolio Pathways](#), p. 26-33)
- * **C261003 - Original Watercolor Painting** - (SF200) - framed and/or ready to hang. ([Portfolio Pathways](#), p. 14-17)
- * **C261004 - Original Sand Painting** - (SF200) - framed and ready to hang. ([Portfolio Pathways](#), p. 20-21)
- * **C261005 - Original Encaustic Painting** - (SF200) - framed and ready to hang. ([Portfolio Pathways](#), p. 34-35)
- * **C261006** - Original Print - (SF200) - framed and ready to hang ([Portfolio Pathways](#), p. 36-56)
- * **C261007 - Original Mixed Media Art** - (SF200) - An art exhibit using a combination of two or more different media or materials.
- * **C261008 – Nebraska Life Exhibit** - (SF200) - An art exhibit using one of the techniques in the above classes to show how art can define a sense of place or life in Nebraska. For example – solar printing; making prints using shed snakeskin or plant; an acrylic, oil, or watercolor painting of scenes of your community or the surrounding area; or using objects from nature to make the painting. Include the required information listed above and how this project represents Nebraska life.

Rules

1. Exhibitors in Portfolio Pathways should be utilizing the mediums, skills, and techniques they have developed in their visual arts project, especially topics covered in the Portfolio Pathways manual.

Division 260

Sketchbook Crossroads

(Scoresheet SF200: Classes 1 – 10)

Rules:

1. Exhibitors in Sketchbook Crossroads should be utilizing the mediums, skills, and techniques they have developed in their visual arts project, especially topics covered in the Sketchbook Crossroad manual.

CLASSES:

- * C260001 - Original pencil or chalk drawing ready to hang. Scratch art accepted here. (p. 10-21)
- * C260002 - Original ink drawing ready to hang. (p. 22-28)
- * C260003 - Home accessory made with fiber (p. 29)
- * C260004 - Home accessory made with felted wool (p.29-33)
- * C260005 - Home accessory made with cotton linter (p. 34-36)
- * C260006 - Home accessory using batik (p. 37- 47)
- * C260008 - Home accessory made with fabric exhibitor has dyed (p. 48- 50)
- * C260009 - Original sculpted or thrown home accessory made with clay (no purchased items) (p. 53-62)
- * C260010 – Nebraska Life Exhibit An art exhibit using one of the techniques in the above classes to show how art can define a sense of place, or life in Nebraska. For example - a pencil or ink drawing depicting life in Nebraska, using natural resources such as native grasses to make a weaving, using natural fibers for felting, or using roots, nuts, plants, or flowers to dye fabric. Include the required information listed above and how this project represents life in Nebraska.

**DEPARTMENT
HUMAN DEVELOPMENT**
Premiums: \$3.00 \$2.50 \$2.00

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 exhibit is safe for child to use?
3. What age is this toy, game, or activity appropriate for and why? (Infant, Birth-18 Mo; 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).

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

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>

Division 200

I Have What It Takes to Be a Babysitter

4-H'ers 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 teach the child in the developmental area related to each class. For example, a game that is developed to help youth learn language and literacy skills would be an exhibit for class 2.

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

CLASSES:

- * **C200001 - Social Emotional Development** (Scoresheet – SF30)
- * **C200002 - Language and Literacy Development** (Scoresheet – SF30)
- * **C200003 - Science** (Scoresheet – SF30)
- * **C200004 - Health and Physical Development** (Scoresheet – SF30)
- * **C200005 - Math** (Scoresheet – SF30)
- * **C200006 - Creative Arts** (Scoresheet – 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, story, or essay. Size of exhibit is your choice.
 - ◆ Other people may take photos so 4-H'er can be in the photos.
 - 4-H'er must make scrapbook or poster.
 - No information sheet needed for class 7.
- * **C200008 - Babysitting Kit.** (SF85) Purpose of the kit is for the 4-H'er to take this with them when they babysit in someone else's home.
 - ◆ Do not make kit for combination of ages or for your own family to use.
 - ◆ 4-H'er should 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"x15"x10".
 - ◆ All items in kit must be safe for child to handle.

Most importantly the kit should serve a defined purpose, not just be a catch all for several items. Information sheet for Class C200008 should include:

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

4-H'ers taking any of the projects in Department C200 may enter:

- * **C200009 - Family Involvement Entry.** (SF115) Scrapbook, poster or story describing an activity the family did together.
 - ◆ It might include making something such as a doll house or feed bunk.
 - ◆ Items may be exhibited if desired.
 - ◆ Other possibilities include a house or farm cleanup project, a family reunion, a celebration of a family milestone, a trip or vacation, moving, a community service project.
 - ◆ Photographs are encouraged. Visuals should show family participation. Participation by all family members is important.
 - ◆ Include a list of family members and what each person did to participate in the event. (SF 115)

Growing All Together
May enter (2 or 3)

- * **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. (SF 115)
- * **C200011 - Growing in Communities.** (SF115) Scrapbook or poster. Examples:
 - ◆ A career study.
 - ◆ A photo story about your own growth and development, not only physically but emotionally, socially, spiritually, mentally.
 - ◆ A television evaluation (see project manual). How you have overcome obstacles.
 - Friendships.
 - A community profile.
 - A community service project.
 - Working with parents.
 - Teaching experiences.
 - Understanding discipline.
 - Playground safety check. (Scoresheet – SF 115)

DEPARTMENT
CONSUMER MANAGEMENT
Premiums: \$3.00 \$2.50 \$2.00

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:

For general rules visit this site <https://4h.unl.edu/fairbook/general-rules>.

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/ne4hconsumermanagement>.

Division 240
Shopping In Style

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" x 22" or smaller).
2. You may use the front and back of the poster board.
3. If exhibit is a poster, it should be on 14" x 22" poster board.
4. If a three-ring binder is used it should be 8 ½"x 11"x 1".
5. 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.

CLASSES:

- * **C240001. Best Buy for Your Buck** - (Scoresheet SF84) (Ages 10-13 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).
 - ◆ **Please do not include the *Shopping in Style Fashion Show Information Sheet* in your entry for this class.**
 - ◆ **Although both entries do share some information, there are differences in content and format for this class.**
 - ◆ Provide details about wardrobe inventory which indicates the following:
 - Why you selected the garment you did.
 - Clothing budget
 - Cost of garment
 - Conclusion or summary statement(s) stating your final comments on why you selected your “best buy for your buck.
 - Provide 3 color photos of you wearing the garment (front, side, back views).
- * **C240002. Best Buy for Your Buck** - (Scoresheet 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).
 - ◆ **Please 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 10-13 plus include the following additions.
 - Body shape discussion,
 - Construction quality details,
 - Design features that affected your selection,
 - Cost per wearing,
 - Cost of garment,
 - Conclusion or summary statement (s) stating your final comments on why you selected your “best buy for your buck”.
 - Provide 3 color photos of you wearing the garment (front, side, back view).
- * **C240003. Revive Your Wardrobe** - (Scoresheet SF 88) Take at least two items in your wardrobe that still fit but that you don't wear anymore and pair them with a new garment or garments to make them wearable once again.
 - ◆ Create a photo story which includes before and after photos and a description of what was done.
 - ◆ Put in a binder, poster, or video (see general information).
- * **C240004. Show Me Your Colors** - (Scoresheet SF 89) 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.
 - ◆ Entry should be a poster (see general information).
- * **C240005. Clothing 1st Aid Kit** - (Scoresheet SF 64) Refer to page 73 of the manual and complete some clothing first aid kit. Include a list of items in the kit and brief discussion of why each was included. Put in appropriately sized box or tote with a lid. No larger than a shoe box.
- * **C240006. Mix, Match, & Multiply** - (Scoresheet SF 90) 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 which demonstrates what you have learned by completing this entry.
 - ◆ Entry can be a binder, poster, or video (see general

information).

Division 247
My Financial Future
(SF247)
Beginner & Intermediate

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" x 22" or smaller). You may use the front and back of the poster board.

CLASSES:

- * **C247001. Write 3 SMART financial goals for yourself** (one should be short term, one intermediate, and one long term.) Explain how you intend to reach each goal you set.
- * **C247002. Income Inventory**—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.
- * **C247003. Tracking Expenses**—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 upon what you learned?
 - ◆ Why or why not? Include your chart in your exhibit.
- * **C247004. Money Personality Profile**—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.
- * **C247005. Complete Activity 8** “What Does It Really Cost?” on pages 39-40.
- * **C247006. My Work: My Future** – 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?

Intermediate/Advanced

CLASSES:

- * **C247007. Interview** someone who is paid a salary; someone who is paid a commission; and someone who is paid an hourly wage. Have them answer the following questions plus any additional questions you may have.
 - ◆ What are some benefits of receiving your pay the way you do (salary, commission, or hourly wage)?
 - ◆ What are some negative outcomes for getting paid the way you do?
 - ◆ Does your pay keep pace with inflation? Why do you think this? Summarize:
 - ◆ Based upon your interviews which payment method would

suit you the best? Discuss your answer.

- * **C247008. The Cost of Not Banking**---Type your answers to the questions about Elliot on page 50.
- * **C247009. Evaluating Investment Alternatives**— complete the case study of Jorge on page 64. Answer all three questions found at the bottom of the page.
- * **C247010. Understanding Credit Scores**—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.
- * **C247011. You Be the Teacher** – (SF247) Create an activity, story board, game or display that would teach another youth about “Key Terms” listed on page 62.
 - ◆ Activity/display must include at least five (5) of the terms.

Division 248 Money Moves

County Only

CLASSES:

- * **C248001 Comparison Chart**, Page 23 - Using the comparison chart on Page 23 of the manual do a comparison of financial institutions such as bank, savings and loan, credit unions or other financial institutions on the Web or in your community. (SF220)
- * **C248002 Advertisement**, Page 26-27 - Make an ad for a product with help of page 26 in your manual.
- * **C248003 Web-based Financial Game**- Use your creativity to share the results of one of these web-based finance games at: or consumerjungle.com.
- * **C248004 Champion’s Challenge**, using a calculator on the web (see possible sites on page 14) complete the calculations for number 2 in the Champions’ Challenge on page 14.
 - ◆ Write a paragraph to show your findings and include a printout of the calculations done on the web which show month, monthly payment, remaining amount owed each month, principal paid, interest paid, and cumulative interest paid (i.e., repayment schedule).

Division 249 Making Cents of It

County Only

CLASSES:

- * **C249001 Complete** page 13 of the manual or color our state quarter located at the web site (4h.unl.edu.makingcentsofit) under the tab for Lesson 1.
- * **C249002** Read the story listed on page 8 and draw and label on an 8 1/2" x 11" sheet at least 5 different objects used as money before coins and paper currency were made.
- * **C249003** Make a wants/needs poster (11" X 17") using the information on page 16 of the manual.
- * **C249004** Make a decorated bank (see page 28 of the manual).

Division 250 Money Fun-Damentals

County Only

CLASSES:

- * **C250001 Comparison Shopping**, Page 9 - Considering the differences between your needs and wants on Page 6-9 in manual do comparison shopping for school supplies; OR purchasing a video, going to the movies, or movie rental. (SF221)
- * **C250002 Financial Goals**, Page 20-21 - Using your creativity share three of your SMART financial goals in this exhibit. (One of Each: Short term, Intermediate, and Long term) (SF221)
- * **C250003 Educational Exhibit**, Page 26 & 27 - Show what you have learned or done in this project through a poster, notebook, or

other creative display. (SF221).

**DEPARTMENT
HEALTHY LIFESTYLES**
Premiums: \$3.00 \$2.50 \$2.00

Division 440
Safety

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.

Rules:

I. See General Rules for details.

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Quota

Counties may enter one exhibit in each safety class for each 25 (Or part thereof) current safety project enrollees in the county.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at <https://go.unl.edu/ne4hsafety>.

CLASSES:

- * **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 and score sheet SF110 for guidance.
 - ◆ Kits containing any of the following will be automatically disqualified:
 - 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.)
 - 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.)
 - 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" X 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.
 - ◆ **E440004 Safety Experiences** - (SF190) 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; scientific experiment related to safety; or the youth's response to an emergency.
 - ◆ 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 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 - Career 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 web sites, job-related government web sites or interviews with career placement or guidance counselors.
 - ◆ Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes.

Division 450

Fire Safety]

CLASSES:

- * **E450001 First 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" x 14" but not larger than 22" x 28".
 - ◆ (Similar to a recipe book.)
- * **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" X 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.
 - ◆ Refer to score sheet SF270.
- * **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" x 14" but not larger than 22" x 28".
- ◆ Refer to score sheet SF268.

Division 905 Youth in Motion

County Only

CLASSES:

- * **G905001 YOUTH in Motion Poster, Scrapbook, or Photo Display**—about the 4-H'er or the 4-H'ers family involved in a 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 because of taking this project.
- * **G905002 Activity Bag** - A duffel bag or backpack that the 4-Her 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 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 in the listing of items.
- * **G905004 YOUTH in Motion Healthy Snack Recipe File** - Collection of 10 recipes from any source.
 - ◆ Each recipe must accompany a complete 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 maybe added each year 4-Her is in project, with year clearly marked on recipes.
 - ◆ Consider creativity and neatness. Display in recipe file or box or a transparent plastic binder.
- * **G905005 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 write up of an interview with someone who has an active exercise program.
 - ◆ Consider creativity and neatness.
 - ◆ Mount on a 9" x 12" colored paper or poster board or display in transparent plastic binder.
 - ◆ Include a picture of the person interviewed. (May be laminated to preserve exhibit.) Overall size of mounted exhibit should be no larger than 9: x `12" inches.
- * **G905006 Healthy Snack** - 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.
- * **G905007 Health Promotion Poster** - Over any concept/lesson.
- * **G905008 Health Promotion Brochure** - (for kids & families, by kids) - Over any concept/lesson
- * **G905009 Health Promotion PSA or Video Blurb** - Exhibit can be a tape with a 60 second PSA or a DVD/Video with a 60 second commercial.
- * **G905-010 Health Interview** - Interview of a professional in the health field about topics from the project.
- * **G905011 Photo Display** - Display of a field trip to a recreation center, training table, etc.
- * **G905012 Progress Log/Journal/Portfolio** - Show progress in activity levels and nutritious choices throughout span of project, can include any relevant educational material the 4-Her collects, photos, etc.

- * **G905013 Electronic Portfolio or Webpage** - Make it similar to the hard-copy project above or can be more of an educational tool for others.
- * **G905014 Physical Activity File/Book** - An organized collection of game ideas, stretching & strength exercise diagrams, web sites, pages with sports rules, etc. on serving sizes served in restaurants, at home, etc. OR do an investigation and report on food labels. Exhibit can be a poster or notebook.
- * **G905016 Portfolio or Scrapbook G905015 Helpings & Servings Investigation**—Write a report of a Community Service Project supporting healthy lifestyles (portfolio that can be passed on to future club members and leaders to use).

FOODS & NUTRITION

The purpose of Food & Nutrition exhibits is to encourage the knowledge about healthy eating and safe cooking practices. This category has multiple projects that allow 4-H'ers to progress over numerous years. In addition, 4-H'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.* Recipe may be handwritten, photo-copied or typed.
 - ◆ Place food on the appropriately sized plate or container and put in self-sealing bag. Attach entry tag and recipe at the corner of the bag.
 - ◆ For **non-food entries**, please attach the entry tag to the upper right-hand corner of the entry.
 - ◆ **Additional information** including recipes and supplemental information should be identified with 4-H'ers name and county.
2. **Criteria for Judging** - Exhibits will be judged according to score sheets available at your local Extension office or at <https://go.unl.edu/ne4hfood-nutrition>
 - ◆ Make sure to follow all entry instructions required for your exhibit.
 - ◆ Incomplete exhibits will be lowered a ribbon placing.
 - ◆ **Commercially prepared mixes are ONLY allowed in Cooking 201 Creative Mix Class.**
 - ◆ Prepared baking mixes biscuit mixes, and other pre-made mixes entered in other categories will be lowered a ribbon placing.
3. **Food Projects** - Exhibits should be entered using a disposable pan or plate and covered by a plastic self-sealing bag. The State Fair is not responsible for non-disposable containers, lost bread boards, China, or glassware.
4. **Ingredients:** Any ingredient that the 4-H 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 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 cheese fillings and cream cheese frostings
 - Any meat item including meat jerky, imitation meat bits (bacon bits, pepperoni, etc.).
 - Melted cheese toppings, and
 - Uncooked fruit toppings (i.e., fresh fruit tart).

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Quota

Number of Entries per County - The current total Food and Nutrition project enrollment, not including School Enrichment or Clover Kids enrollment, will determine the maximum number of entries in all classes.

Number of Projects — Exhibits per class

- ◆ 1-150 — 1
- ◆ 151-300 — 2
- ◆ 301-450 — 3
- ◆ 451+ — 4

Entries per Individual - One entry per exhibitor per class

- ◆ Limit of six (6) entries per exhibitor (Three (3) in General Foods and Nutrition, and three (3) entries per exhibitor in Food Preservation).

Scoresheets, Forms, and Contest Study Materials

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

Division 350

General

CLASSES:

- * **E350001 Food Science Exploration** (Scoresheet SF152) open to any 4-H'er enrolled in a Foods & Nutrition or Food Preservation project.
 - ◆ Show the connection between food and science as it relates to food preparation, food safety, or food production.
 - ◆ Exhibit may be a poster or foam core board (not to exceed 22" x 30"), computer-based presentation printed off with notes pages, if needed, and displayed in a binder, an exhibit display, a written report in a portfolio or notebook.
 - ◆ Consider neatness and creativity.
- * **E350002 Foods & Nutrition Poster, Scrapbook or Photo Display** (Scoresheet SF122) open to any 4-H'er enrolled in a Foods & Nutrition or Food Preservation project.
 - ◆ The project should involve a nutrition or food preparation technique or career/concept lesson.
 - ◆ This might contain pictures, captions and/or a report to highlight the concept.
 - ◆ Exhibit may be a poster or a foam core board (not to exceed 22" by 30"); 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** (Scoresheet SF122) Open to any 4-H'er enrolled in a Foods & Nutrition or Food Preservation project. The project should involve a physical activity or career/concept lesson.
 - ◆ This might contain pictures, captions and/or a report to highlight the concept.
 - ◆ Exhibit may be a poster or a foam core board (not to exceed 22" by 30"), 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
- * **E350004 Cooking Basics Recipe File** (Scoresheet 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 year clearly marked on recipes.
 - ◆ Display in a recipe file or binder. Be sure to include the number of servings or yield 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.

Division 401

Cooking 101

County Only

CLASSES:

- * **E401001 Cookies** (any recipe)-Four on a paper plate.
- * **E401002 Muffins** (any recipe)-Four on a paper plate
- * **E401003 Baking Mix in a Jar**

- * **E401005 Intergenerational recipe card** with a story of baking experience. Story of why you chose that recipe, what they learned from baking partner.

Division 410 Cooking 201

CLASSES:

- * **E410001 Loaf Quick Bread**— (Scoresheet SF123) any recipe, at least $\frac{3}{4}$ of a standard loaf displayed on a paper plate) Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. A standard quick bread loaf measures approximately $8\frac{1}{2}'' \times 4\frac{1}{2}''$ or $9'' \times 5''$. If mini-loaf pans are used for exhibit, two loaves must be presented for judging.
- * **E410002 Creative Mixes** - (Scoresheet SF142) any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins or cookies on a paper plate or
 - ◆ Baked item made from a mix (commercial or homemade mixes acceptable).
 - ◆ Food product must have been modified to make a new or different baked item. Examples include:
 - poppy seed quick bread from cake mixes,
 - cake mix cookies,
 - sweet rolls made from readymade bread dough,
 - monkey breads from biscuit dough,
 - streusel coffee cake from cake mixes, 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 $\frac{3}{4}$ of baked product or 4 muffins/cookies on a paper plate or disposable pan.
 - ◆ Recipe must contain a fruit or vegetable as part of the ingredients (Ex. banana bars, cantaloupe quick bread, zucchini muffins, etc.).
- * **E410005 Coffee Cake**—(SF129) any recipe or shape, non-yeast product - at least $\frac{3}{4}$ of baked product on a paper plate or in a disposable pan.
 - ◆ Include 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 $\frac{3}{4}$ of baked product or 4 muffins/cookies on a paper plate or a disposable pan.
 - ◆ 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 convection oven, baked item made in microwave, etc.)
 - ◆ Entry must be at least $\frac{3}{4}$ 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 traditional method.

Division 411 Cooking 301

Rules:

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

CLASSES:

- * **E411001 White Bread**—(SF138) any yeast recipe, at least $\frac{3}{4}$ 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.
- * **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, bread sticks, or any other type of dinner roll.
- * **E411005 Specialty Bread**—(SF141) any yeast recipe, includes tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least ¾ of a full-sized baked product. May be baked in a disposable pan.
- * **E411006 Shortened Cake**—(SF137) NOT FROM A CAKE MIX! At least ¾ of the cake. Shortened cakes use fat for flavor and texture and recipes usually begin by beating fat with sugar by creaming and include leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (**no cream cheese or egg white based frostings allowed**).

Division 412 Cooking 401

Rules

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

CLASSES

- * **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 Foods Traditions** - (SF145) Any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan.
 - ◆ Any baked item associated with family tradition and heritage.
 - ◆ Entry must include:
 - recipe,
 - tradition or heritage associated with preparing, serving the food,
 - where or who the traditional recipe came from.
- * **E412003 Ethnic Foods 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 some 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.

FOOD PRESERVATION

Rules:

- 1. Processing Methods** - Current USDA processing methods and altitude adjustments must be followed for all food preservation. Jams, preserves and marmalades, fruit, tomatoes, and pickled products must be processed in a boiling water bath. (Tomatoes may be processed in a pressure canner.) All non-acid vegetables and meats must be processed in a pressure canner. Spoiled or unsealed container disqualifies entry.
- 2. Jars** - Jars do not need to be the same brand. Half pint jars may be used for jellies and preserves. The jars are not to be decorated by the exhibitor in any way. Canning jars must be used - others will be disqualified. No one-fourth pint jars allowed. Leave jar rings on for fair display, it helps protect the seal. No zinc lids.
- 3. Current Project** - All canning must be the result of this year's 4-H project, since September 1, of the previous calendar year.
- 4. Criteria for Judging** - Exhibits will be judged according to score sheets available at your local Extension office or at <http://4h.unl.edu/county-fair/scoresheets>.
 - ◆ 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 for your county's altitude and how that affects food processing times and pounds of pressure.
- 5. Labeling.** Jars should be labeled with name of the food item, name of the 4-H'er, county, and date of processing on the bottom of each jar. 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 exhibit containing the 3 self-sealing bags.
- 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-safety>; or Extension publications from other states
 - ◆ Ball Blue Book (published after 2009) or online: <https://www.freshpreserving.com/recipes>
- 7. All exhibits must include the 4-H Food Preservation Card** attached to the project as the required supporting information or include following information with exhibit:
 - ◆ Name of product.
 - ◆ Date preserved.
 - ◆ Method of preservation (pressure canner, water bath canner or dried).
 - ◆ Type of pack (raw pack or hot pack).
 - ◆ Altitude (and altitude adjustment, if needed).
 - ◆ Processing time.
 - ◆ Number of pounds of pressure (if pressure canner used).
 - ◆ Drying method and drying time (for dried food exhibits). Write plainly on label and attach securely to exhibit. Securely attach official entry card to exhibit.
 - ◆ Multiple dried food exhibits should be secured by a rubber band or "twisty" to keep exhibit containing the 3 self-sealing bags together.
 - ◆ Recipe and source of recipe (if a publication, include name and date).

Division 406 Unit 1 Freezing

CLASS:

- * **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. May be baked in a disposable pan.
 - ◆ Recipe MUST include a food item preserved by the freezing method done by the 4-H'er.
 - ◆ Example: 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.

Division 407 Unit 2 Drying

CLASSES:

- * **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 exhibit together.
- * **E407002 - Fruit Leather** - (SF154) - exhibit 3 different examples of 3 different fruit leathers. Place a 3-4" sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.
- * **E407003 - Vegetable Leather** - (SF154) - exhibit 3 different examples of 3 different vegetable or vegetable/fruit leather combo. Place a 3-4" sample of each leather together in separate self-sealing bags. Use a rubber band or "twisty" to keep 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 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 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.

Division 408 Unit 3 Boiling Water Canning

CLASSES:

- * **E408001 1 Jar Fruit Exhibit** (SF150) exhibit one jar of a canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations.
- * **E408002 3 Jar Fruit Exhibit** (SF150) exhibit 3 jars of different canned fruits.
 - ◆ May be three different techniques for same type of product, ex: applesauce, canned apples, apple pie filling, etc.
 - ◆ Entry must be processed in the 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
- * **E408003 - 1 Jar Tomato Exhibit** - (SF150) - exhibit one jar of a canned tomato product. Entry must be processed in a boiling 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 a jam, jelly, 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.

Division 414

Unit 4-Pressure Canning

CLASSES:

- * **E414001 - 1 Jar Vegetable or Meat Exhibit** - (SF150) - exhibit one jar of a canned vegetable or meat. Include only vegetables or meats canned in a pressure canner according to current USDA recommendations.
- * **E414002 - 3 Jar Vegetable Exhibit** - (SF150) - exhibit 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. Meal should include 3 canned foods that can be prepared within an hour. List complete menu on a 3" X 5" file card and attach to one of the jars. Entry must be processed according to current USDA recommendations.
- * **E414005 - 1 Jar Tomato Exhibit** - (SF150) - exhibit one jar of a canned tomato product. Entry must be processed in a pressure canner according to current USDA recommendations.
- * **E414006 - 3 Jar Tomato Exhibit** - (SF150) - exhibit 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.

CAKE DECORATING

County Only

Division 430

Cake Decorating - Unit 1

Specify on a 3"x 5" card occasion for cake, tips name and tip(s) number used, techniques used and number of years in cake decorating.

CLASSES:

- * **E430001 One layer decorated cake** - must use two decorating tips.
- * **E430002 Novelty Cake** - using character or shaped pan, two decorating tips.
- * **E430003 Sample Cake Board** - demonstrating at least 1 technique from 3 different categories.
 - ◆ Basic Borders – dots, balls, stars, rosettes, shells or zigzag.
 - ◆ Message – printed, may use round or star tips.
 - ◆ Drop Flower with center – star or swirled Leaves.
- * **E430004 Cake Portfolio Book** - Include pictures of 5 Cakes decorated by 4-Her. Each picture should have additional information including:
 - ◆ Occasion for cake,
 - ◆ Type of frosting,
 - ◆ Tips name and numbered
 - ◆ Technique used.

Division-431

Cake Decorating - Unit II

Specify on a 3"x 5" card occasion for cake, tips names and tips number used, techniques used and number of years in cake decorating.

CLASSES:

- * **E431001 2 or 3 layered or tiered, stacked cake or combination tiered or stacked**—Each tier or stack must be 2 layers. Plastic separators may be used.
- * **E431002 2 or 3 tiered, stacked cake or combination tiered**—or stacked using fondant frosting. Each tier or stack must be 2 layers.
- * **E431003 Original shaped cakes** - (ex. Butterfly) from a Cut up cake baked in a round, square, heart, rectangle, or a combination to make a new shape. May decorate using unlimited tips. (CF135X)

Division-432- Cupcake Decorating - Unit I

Specify on a 3"x 5" card occasion for cake, tips name and tips number used, techniques used and number of years in cake decorating.

CLASSES:

- * **E432001 Decorate Class D Cupcake** - using 2 tips.
- * **E432002 Cupcake** - using 3 or more tips.
- * **E432003 Decorated Cupcake** - using fondant frosting.
- * **E432004 Sample Board** - demonstrating at least 3 techniques from 3 different categories
 - ◆ Figure piping – clowns, people, animals etc.
Flowers made on a flat surface, not on a nail - sweet peas, Rosebuds, half roses etc.
 - ◆ Borders – reverse shells, grass, ruffles, ribbons bows, puffs.
 - ◆ Side decorations, dots or stars, scrolls, reverse shell, “c” scroll, fleur-delis.
 - ◆ Message–script (not printed) may use round or star tips
- * **E431005 Cupcake Portfolio Book**– A continuation of the Unit 1 portfolio.
 - ◆ Include an additional 5 photos (total 10 including Unit I pictures) of Cupcakes created by 4-Her.
- * **E430004 Cake Portfolio Book** - Include pictures of 5 Cakes decorated by 4-Her. Each picture should have additional information including:
 - ◆ Occasion for cake.
 - ◆ Type of frosting.
 - ◆ Tips name and number used
 - ◆ Technique used.

DEPARTMENT LEADERSHIP, CITIZENSHIP PERSONAL DEVELOPMENT

Premiums: \$3.00 \$2.50 \$2.00

Entrepreneurship exhibits help participants learn more about starting a business, developing, products, and marketing strategies. Participation in this category will give 4-H'ers experience in the entrepreneurial world. The purpose of entrepreneurship exhibits is to help 4-H'ers prepare for the business world.

Rules:

1. **General Information** - All exhibits are directly related to activities in the project manual. Refer to the manual for ideas, suggestions, and additional information to enhance project exhibits.
2. **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 exhibit is a poster, it must be 14" x 22" and may be arranged either horizontally or vertically.
 - ◆ Poster may not use copyrighted materials, such as cartoon characters or commercial product names.
 - ◆ **Exhibits which do not conform to size or content guidelines will be lowered one ribbon placing.**
 - ◆ Posters may include photographs, charts, or examples as well

as a written explanation.

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/ne4hentrepreneurship>.

Division 531

Entrepreneurship Investigations (SF181)

CLASSES:

- * **F531001-Interview an Entrepreneur** - Share what you learned from the person about starting and running a business or how they deliver excellent customer service. How will what you have learned through this interview change your future plans or ways of thinking about business? (Based on pages 2.1 - 2.4 of manual)
- * **F531002 Social Entrepreneurship Presentation** - Prepare a five-slide power point presentation about a social entrepreneurship event 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 report with fasteners (no slide bars).
 - ◆ Refer to page 2.4 of Unit 2 The Case of Me for ideas.
- * **F531003 Marketing Package** - (mounted on a 14" x 22" poster) must include at least three items (examples) developed by the 4-H'er from the following list:
 - ◆ business card, brochure,
 - ◆ advertisement,
 - ◆ business promotional piece,
 - ◆ printout of an internet home page,
 - ◆ packaging design,
 - ◆ signs,
 - ◆ logo design,
 - ◆ direct mail piece, etc.
 - ◆ The marketing package should be for an original business developed by the 4-H'er and not an existing business
- * **F531004 Sample of an Original Product** - with an information sheet (8 ½" x 11") 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 differently 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.
 - ◆ Use the three questions on page 3.3 and 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** (mounted on a 14" by 22" poster) must include three photos of developed product and a mounted information sheet answering the following questions. If exhibiting in both Class F531004 and Class F531005, products must be entirely different products.
Information Sheet:
 - ◆ What did you enjoy the most about making the product?
 - ◆ What challenges did you have when making the product?
 - ◆ Would you do anything differently the next time? If so, what?
 - ◆ What is the suggested retail price of the product?
 - ◆ How did you decide on the price?
 - ◆ Market analysis of the community – data gathered through a survey of potential customers.
 - ◆ Use the three questions on page 3.3 and 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** – Take on the entrepreneurship challenge. Entrepreneurship Challenge is open to 4-H'ers 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 your five (5) challenges from the list below:**

- ◆ Sell something.
- ◆ 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 (Skills Assessment ESI 4.1.)
- ◆ Make a prototype (sample/model) of a new product idea. (Include the prototype or a photo of 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 (coloring page, puzzle, game, etc.).

Division 120 Citizenship/Leadership

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" x 28" wide. If the size needs to be a different size because the historical item is larger than 22"x28" please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22" x 28".
3. **Supporting Material:** All entries must have a statement explaining:
 - ◆ The purpose of the exhibit and
 - ◆ How the exhibit will be used.
 - ◆ Exhibitors are encouraged to show evidence of their personal field 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
 - ◆ **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).
 - ◆ **Identification:** All entries should be labeled with the exhibitor's name, club, and county.

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Quota

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/ne4hccitizenship>.

CLASSES:

- * **A120001 Care Package Display** - (SF182) This exhibit is a display about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster, Power Point or another multi-media program to talk about the process of developing and giving a care package to a service organization. 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 pack to the organization?
- ◆ What did you learn from this experience? Other information that you feel is important about the care package or organization.
- ◆ Some examples of care packages are:
 - backpack for school supplies,
 - litter pan for animal shelter items,
 - suitcase for abuse shelter or homeless shelter, etc.
- * **A120002 Citizenship Game**—(SF182) which could include but is not limited to symbol flash cards, question and answer board or stimulation with props. Clear instructions on how to play the game and what the game hopes to accomplish must be included.
- * **A120003 Patriotic or Cultural Fine Arts** - (SF182) can be made of any art media but should tie in the relevance of the artwork to citizenship.
- * **A120004 Public Adventure Scrapbook** - (SF182) should describe your Public Adventure or Service-Learning Activity. Scrapbooks must measure no more than 16" x 16".
- * **A120005 Public Adventure Poster** - (SF182) should describe your Public Adventure or Service-Learning Activity. Display posters must be stiff enough to stand when supported from behind and below. Length and width must be no more than 24" x 28".
- * **A120006 Written or Recorded Stakeholder Interview** - (SF182) should follow the outline found in the Public Adventures Curriculum. It may be written or recorded.
- * **A120007 Written Citizenship Essay** - (SF182) is designed to promote good citizenship and patriotism. This essay is open to all age groups. All essays should be 300 - 400 typewritten words.
- * **A120008 - For 9th-12th Graders Only: Oral Citizenship Essay** (SF182) addressing the theme "Freedom's Obligations" should be 3-5 minutes. No background music, singing or other enhancement allowed. All essays should be on a good-quality cassette tape and in a natural style. 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 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.

Division 130

i2i

CLASSES:

- * **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)
- * **A130007 Poster** - (SF183) depicting what you have learned through the i2i Project.
- * **A130008 Biography** - (SF183) about an historical figure that has made a positive impact on our society or who have made a difference in the lives of others.

**DEPARTMENT
ENVIRONMENTAL EDUCATION/
EARTH SCIENCES**

Premiums: \$3.00, \$2.50, \$2.00

**CONSERVATION, WILDLIFE &
SHOOTING SPORTS**

Participants have the opportunity to create a variety of exhibits in the different divisions. This category gives 4-H'ers the opportunity to present their knowledge of their chosen interests. 4-H'ers will not only show their knowledge about conservation, wildlife, and shooting sports, but also the different laws that surround those areas. When creating an exhibit make sure to take close account of the rules.

Rules:

1. **SHOW WHAT YOU DID & LEARNED**-All exhibitors will 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 & WILDLIFE LAWS**- "Animal" or "wildlife" in the following classes includes wild fish, amphibians, reptiles, birds, or mammals. Please make sure you are following wildlife laws.
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) <http://outdoornebraska.gov/afterschool/> and www.whep.org.
6. **BOARD AND POSTER EXHIBITS**- Mount all board exhibits on ¼" plywood, Masonite, or similar panel no larger than 24" high by 24" wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 by 28 inches) but half size, 22 by 14 inches, is recommended.

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/ne4hconservation-wildlife-shooting>.

**Division 340
Wildlife & How They Live**

Classes 1-4 are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat, or related conservation. For more ideas, refer to project booklets. Remember to look at General Rules for this area.

CLASSES:

- * **D340001 Mammal Display –(SF154)**
- * **D340002 Bird Display-(SF154)**
- * **D340003 Fish Display-(SF155)**
- * **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 -** Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-Paris casts. There are three 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.
 - ◆ Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.
- * **D340007 Wildlife Knowledge Check -** Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife related knowledge. Plan size and shape to fit transportation and display; maximum size 24" x 24".
- * **D340008 Wildlife Diorama –** Exhibit must be no larger than 24" x 24". The exhibit might show how a grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat.
 - ◆ Example: Show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge-adapted species such as white-tailed deer, Northern bobwhite, ring-necked pheasants, 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 -** 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 hunting, fishing.
- ◆ The essay is between 100 and 1000 words long and typed, double spaced on (8 ½ x 11) 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** - Make a scrapbook about the various values of wildlife. (Commercial value, game value, genetic value, aesthetic value, ecological value, scientific value) following guidelines in the Wildlife Conservation project booklet (4-H 125).
- * **D340011 Wildlife Arts** - 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, songs or poems written by the exhibitor.
 - ◆ Entries must be appropriate for fair display and no larger than 24" x 24". 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).

Outdoor Adventures - Level 2

See General Rules.

- ◆ Display posters must be made of material, e.g., foam board or poster board and measure no larger than 22" X 28". Poster material should be sturdy enough to hold display items.
- ◆ Display exhibits other than posters to be no larger than 18" X 24".
- ◆ Journal/Binder exhibits measure no larger than 16" X 16".
- ◆ Consider neatness and creativity.

CLASSES

- * **D341001 - Poster** - Create a poster display no larger than 22" X 28". Topics may include, but not limited to one or more of the following: how to pitch a tent, knot tying, cooking over a campfire, how to start a campfire, wildlife and plants identified while camping, how to set up emergency shelter, dealing with weather, collection of photos from camping trips, "Leave No Trace" and how that was followed while camping, plan a camping trip, camping essentials, environmental issues/protecting natural resources, park or trail clean up, sanitation/hygiene while outdoors or use of GPS.
- * **D341002 -? Journal/Binder** - Written report of actual, virtual, or actual camping/hiking trips with observations OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping or hiking trip diary. Explain growth in project, leading the hikes, planning the camping trip, now being able to identify the wildlife and nature around you and how identified (sight/sound/shape/smell/color). Feathers/leaf/flower pressings must be securely attached, if included. Photos of drawing of observations encouraged. Exhibits measure no larger than 16" X 16".
- * **D341003 - Camping/Hiking Safety** - Must include explanation of use of item and why selected/purpose, how it fits hiking/camping needs. May include, but are not limited to, one of the following: travel sized poisonous plants guide, camping first aid kit, weather/water safety or hand hygiene kit. Exhibits measure no larger than 18" X 24".
- * **D341004 - Digital Media** -? Use digital media to show video/slideshow/presentation of setting up a tent (include why site is chosen) or protecting natural resources or environmental issues or computer video camping/hiking game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.
- * **D341005 - Other Camping Items** - Must include what inspired the creation of the item, and its purpose. May include but are not limited to one of the following: nature art, nature haiku poem, spider web sketches or knot display. Exhibits measure no larger than 18" X 24".

Outdoor Adventures Level 3

See General Rules.

- ◆ Display posters must be made of material, e.g., foam board or poster board and measure no larger than 22" X 28". Poster material should be sturdy enough to hold display items.
- ◆ Display exhibits other than posters to be no larger than 18" X 24".
- ◆ Journal/Binder exhibits measure no larger than 16" X 16".
- ◆ Consider neatness and creativity

CLASSES

- * **D341006 Poster** - Create a poster display, no larger than 22" X 28". 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** - Written report of actual, virtual, or imagined expeditions/camping/hiking, OR field journal (notes of actual experiences, sights, sounds, smells, etc.). Explain growth in project, challenges in leading a group, teaching others about wildlife and nature identification and "Leave No Trace." Exhibits measure no larger than 16" X 16".
- * **D341008 - Expedition Safety** - Must include an explanation of use of items, why selected/purpose of item, how it meets hiking/camping/expedition needs. May include but are not limited to; travel sized edible plants, creepy crawly guide, tent repair kit, travel first aid kit or weather/water safety. Exhibits measure no larger than 18" X 24"
- * **D341009 - Digital Media** - Use digital media to show video/slideshow/presentation of one of the following, but not limited to; building a non-tent shelter (include why needed), packing your backpack/equipment, and getting it onto you, teaching others about environmental issues or a computer video backpacking expedition game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.
- * **D341010 - Other Expedition Items** - 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 resealable plastic bag with ingredients, instructions, and nutritional facts included). Exhibits measure no larger than 18" X 24"

Division 342 Wildlife Habitat

CLASSES:

- * **D342001 Houses** - (SF165) Make a house for wildlife.
 - ◆ Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house/no insect houses.
 - ◆ Make the house functional so that dimensions, hole size etc. are appropriate to fit the intended species' needs.
 - ◆ Include the following information:
 - the kinds of animal(s) for which the house is intended,
 - where and how the house should be located for best use.
 - any seasonal maintenance needed.
 - ◆ Tips: Check NebGuide on bird houses and shelves.
- * **D342002 Feeders/ Waterers**—(SF166) Make a bird bath or feeder.
 - ◆ Examples: seed, suet, or nectar feeders. Squirrel feeder okay; no insect feeders
 - ◆ Include the following information:
 - The kinds of animal(s) for which the water/feeder is intended,
 - Where and how the water/feeder should be located for best use.

- ◆ Any seasonal maintenance needed.
 - 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 other habitat will be provided. Indicate how the various parts of your plan provide the desired habitat needs. You might include an aerial photo of the area if you have one.

Division 343 Harvesting Equipment

CLASSES:

- * **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 used.
 - ◆ Any personal experiences you've had with the item.
- * **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 length. Exhibit must be mounted on a board. Include with the exhibit:
 - ◆ Explanation of cost of materials/components
 - ◆ Where materials/components were purchased and how made
 - ◆ Number of hours required for construction.
 - ◆ Label all parts. Necessary components which must be included are:
 - grip,
 - line guides (based on manufacturers specifications),
 - guide wraps,
 - and hook keeper.
 - Reel seat needs to be aligned with guides, and guides aligned accurately down rod.
 - Guide wraps of size A to D, nylon, or silk thread.
 - Exhibit will be judged on workmanship, labeling of parts, information, and neatness.
- * **D343003 Casting Target** - (SF170) Make a casting target for exhibit. Target must be under 48" x 48". The bullseyes must be 2 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather resistant. Include the purpose and rules of using your casting target. in the project booklet.
- * **D343004 Wildlife Harvesting Equipment**—(SF171) 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.
 - ◆ 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 pole for shallow water, a blind, decoys, etc.... Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype and any adjustments you made.

Division 346 Taxidermy

CLASS:

- * **D346001 Tanned Hides or Taxidermy** - (SF154) Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information: 1) The animal's name and 2) Information about the

exhibitor's personal field experiences, study or observations that relate to the exhibit.

Division 347 Shooting Sports

Rules

1. 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.
2. No firearms can be entered as an exhibit, nor live ammunition; however, information can be shared through pictures.
3. Classes 004-009 can be entered by anyone in the conservation and wildlife area.

CLASSES:

- * **D347001 Shooting Aid or Accessory - (SF169)** Any item which helps the shooter/hunter better perform their sport, examples:
 - ◆ rifle sling,
 - ◆ kneeling roll,
 - ◆ arm guard,
 - ◆ shotgun vest,
 - ◆ target boxes,
 - ◆ shooting stick, etc.
 - ◆ Include your design, or plans you adapted, what the item is and used for.
- * **D347002 Storage Case - (SF169)** an item with the purpose to safely hold a firearm, bow, ammunition, and/or arrows, examples:
 - ◆ soft sided shotgun case,
 - ◆ quivers,
 - ◆ firearm safe, include your design, or plans you adapted. Explain how the storage case is used.
- * **D347003 Practice Game or Activity -(SF169)** Invent or adapt an activity to practice or teach a project skill.
 - ◆ Include pictures of youth playing the game,
 - ◆ testimonials from 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 - (SF161)** 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** - Include a shooter's, (hiker's, camper's, angler's) diet and exercise plan, and how the 4-H member will benefit or improve from following the plan. Ideally, the 4-H member would follow the plan and include some journal entries about adaptations or improvements made while following the plan.
- * **D347006 Citizenship/Leadership Project - (SF258)** Share a display on a citizenship project or leadership project the 4-H member took individually or with a group to improve some aspect related to 4-H Shooting Sports. Examples
 - ◆ Range development,
 - ◆ conservation planting to attract wildlife,
 - ◆ a camp,
 - ◆ 4-H recruitment event.
 - ◆ Include who benefitted from the project, what the 4-H member's role was, and any results.
- * **D347008 Career Development/College Essay, Interview or Display - (SF161)** 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 1000 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.

- * **D347009 - Community Vitality Display**—(SF161) Explore the difference shooting sports 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.
- * **D3347010 - Ag Literacy-Value added Agriculture Interview or Research Project**—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 finding in an interesting way for the public to learn from.

ALL SHOOTING SPORTS COUNTY ONLY

Division 348 Trap Shooting

CLASSES:

- * **D348001 Trap Shooting** (Jr. High 6th-8th)
- * **D348002 Trap Shooting** (Sr. High 9th-12th)
- * **D348005 Shooting Sports Exhibit** -The educational display may be:
 - ◆ A poster,
 - ◆ Three-dimensional display,
 - ◆ diorama,
 - ◆ scrapbook,
 - ◆ charts,
 - ◆ journals,

Total exhibit space of 12” deep, 15” wide and 10” high. Diorama box must be no larger than 30” x 30”. Posters are to be a minimum of 14” x 22”. Please attach entry tag to the upper right-hand corner of entry.

Division 349 BB and Air Sports

CLASSES:

- * **D349001 Jr. BB Gun Shooting**
Competition (Division 8-10 yrs.)
- * **D349002 Int. BB Gun Shooting**
Competition (Division 11-13 yrs)
- * **D349003 Sr. BB Gun Shooting**
Competition (Division 14 –18 yrs.)

- * **D349005 Jr. Air Rifle**
Competition (Division 8-10 yrs.)
- * **D349006 Int. Air Rifle**
Competition (Division 11-13yrs)
- * **D349007 Sr. Air Rifle**
Competition (Division 14-18 yrs.)
- * **D349009 Jr. Small Bore** (8-10 yrs.)
- * **D349010 Int. Small Bore** (11-13 yrs.)
- * **D349011 Sr. Small Bore** (14-18 yrs.)
- * **D349012 Jr. Pistol** (8-10yrs)
- * **D349013 Int. Pistol** (11-13 yrs.)
- * **D349014 Sr. Pistol** (14 -18 yrs.)

Division 350 Archery

CLASSES

- * **D350001 Jr. Archery**
Competition (8-10 yrs.)
- * **D350002 Int. Archery**
Competition (11-13 yrs.)
- * **D350003 Sr. Archery**

Division 36
Other Natural Resources

CLASS:

- * **D361001 Design Your Own Exhibit** in Natural Resources, Conservation, or Ecology. 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" x 24". **All Entries must include a title.**

ENTOMOLOGY

Premiums: \$3.00, \$2.50, \$2.00

Division 800

Entomology exhibits give 4-H'ers the opportunity to demonstrate their knowledge about insects and insect displays. This category has multiple projects that allows 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 should be mounted properly and labeled with the date and location of collection, name of collector, and order name
2. Follow mounting and labeling instructions in the Nebraska 4-H Entomology manual. <http://4hcurriculum.unl.edu/catalog/environmental.htm>
3. Boxes are preferred to be 12" high X 18" wide, and landscape orientation so they fit in display racks.
4. Purchase of commercially made boxes is allowed.
5. All specimens must be from the collector.

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. Exhibitors may, and should, correct and update collections for competition at the State Fair.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at: <https://go.unl.edu/ne4hentomology>.

Special Awards

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

CLASSES:

- * **H800001 Entomology Display First year project-** (SF186) Collection to consist of 25 or more different kinds (species) of insects representing at least 6 orders. Limit 1 box.
- * **H800002 Entomology Display, second year project-** (SF186) Collection to consist of 50 or more different kinds (species) of insects representing at least 8 orders, replace damaged or poorly mounted specimens - at least 25 species must be present from after July 1 of previous year. Limit 2 boxes
- * **H800003 Entomology Display, third year or more project -** (SF186) Collection of a minimum of 75 or more different kinds (species) insects representing at least 10 orders, replace damaged or poorly mounted specimens - at least 25 species must be present from after July 1 of previous year. Limit of 3 boxes.
- * **H800004 Special Interest or Advanced Insect Display-** (SF187) Educational display developed according to individual interest and abilities.
 - ◆ Examples include a collection from a specific insect group (e.g., butterflies, grasshoppers) or by subject (e.g., insect pest of corn, aquatic insects, insect mimicry, etc. a research project, special report, poster display, insect scrapbook, artwork, etc.
 - ◆ poster displays should be no larger than 22" x 28".
 - ◆ Other displays are restricted to a base area no larger than 22"

- x 28" Nor should height be over 24".
- ◆ Research projects should include a report about methods and results, as well as a brief discussion about what was learned.
- ◆ Artwork should include brief information about the work.
- ◆ Each display should be self-explanatory so that the audience can understand it without help.
- * **H800005 Insect Habitats** (SF186) Class V). 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 must accompany the exhibit.
- * **H800006 Macrophotography** (SF189) Class VI. Subjects should be insects, spiders or other arthropods, or any nests, webs, or constructions they make.
 - ◆ All exhibit prints should be either 8" x 10" or 8½" x 11" and mounted on rigid, black 11" X 14" poster or matt board.
 - ◆ Either orientation is acceptable. No frames please.
 - ◆ A short caption explaining the subject, printed on white paper, should be glued below the print.
- * **H800007 - Insect Poster/Display Exhibits** (SF189) Exhibits can be posters or three-dimensional displays, and artistic creativity is encouraged. Posters should be no larger than 22" x 28".
 - ◆ 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" x 28" 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 of 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.

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 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](https://marketplace.unl.edu/ne4h/4h332.html) which was recently revised and is available for purchase from UNL Marketplace. Other helpful forestry references include [Trees of Nebraska \(EC 92-1774-X\)](#), [Leafing Out \(4-H431\)](#) and [Plant a Tree \(EC 17-11-80\)](#). <https://marketplace.unl.edu/ne4h/leafing-out.html>
2. Display "boards" must be made from wood or wood composite, e.g., plywood, fiberboard, or Masonite, 1/4" to 1/2" thick and no larger than 24" x 24". 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" x 24".
4. Display "books" must measure no more than 16" x 16".
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 platanoides*. All samples must be from trees, NO shrubs. If more than 10 samples are included in the display, only the first 10 samples from the current year will be judged.
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. 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 lower case. When required, always indicate complete scientific names (Genus and species) and common names, (e.g., Norway Maple) even when "variety names" are included. For example, the scientific name of Emerald Queen Maple is *Acer platanoides* and the common name is Norway maple. "Emerald Queen" may be included as the variety name, but variety names are not required.
8. How well the exhibitor follows written directions is an important factor in judging.

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Quota

Refer to general rules for more information about the quota <https://4h.unl.edu/fairbook/general/rules>.

Scoresheets, Forms, and Contest Study Materials

Scoresheets, forms, contest study materials, and additional resources can be found at <https://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> Please see General Rules for more details.

Division 320 Forestry

CLASSES

- * **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,
 - ◆ "wild fire,
 - ◆ forest products,
 - ◆ forest wildlife,
 - ◆ forest pests.
 - ◆ The only requirement is that the display must be no larger than 24 inches by 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 collection 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, plastic bags, but be sure all their features can be clearly identified.
- * **Labeling:** The label for each sample must include:
 - ◆ common name
 - ◆ scientific name
 - ◆ leaf type
 - ◆ leaf arrangement (for broadleaf tree)
 - ◆ leaf composition (for broadleaf trees)
 - ◆ collector's name
 - ◆ collection data
 - ◆ 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:
 - common name
 - scientific name
 - leaf type
 - leaf arrangement (for broadleaf tree)
 - leaf composition (for broadleaf trees)
 - Collector's name
 - collection data
 - collection location (be specific, state and county at a minimum)
 - Supplemental information e.g., general uses, tree characteristics, 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 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:
 - Common name
 - scientific name
 - type of fruit, if known (e.g., samara, pod, nut, legume, etc.)
 - collector's name
 - collection date
 - collection location (be specific, state and county at a minimum)
 - Supplemental information, e.g., maturity date, average number of seed 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 by 4 inches by 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:
 - common name
 - scientific name
 - wood type (softwood or hardwood)
 - Collector's name
 - collection date
 - collection location (be specific, state and county at a minimum)
 - Supplemental information, ex. 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:
 - Pith
 - Heartwood
 - Sapwood
 - one growth ring (beginning and end)
 - Cambium
 - bark
 - ◆ A separate label attached to the back of the disc must include:
 - common name
 - scientific name
 - tree classification (softwood or hardwood)
 - age (of the cross section)
 - Collector's name
 - collection date 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:
 - ◆ Trunk
 - ◆ Crown
 - ◆ Roots

- ◆ Leaves
 - ◆ Flowers
 - ◆ Fruit
 - ◆ Buds
 - ◆ 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 drainage hole(s), and a drain pan to catch drainage water.
 - ◆ **Labeling:** A waterproof label must be attached and include:
 - common name
 - scientific name
 - information will be a seed treatment (if any)
 - planting date
 - emergence date
 - exhibitor'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 important factor in judging.
- * **D320009 - Forest Product Display** - Prepare a visual display and/r 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 by 22 inches by 28 inches. Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 22" x 28" 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.
- ◆ Information about the tree or forest product: e.g., information about harvesting, processing, industry information, and environmental or 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.
 - ◆ Other benefits may be included to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.
 - ◆ Personal interviews with industry professionals are encouraged as a source of information.
- * **D320010 - Forest Health Display** - Prepare a visual display outlining a specific forest health issue such as a tree disease, insect pest, animal- or human-caused damage, or an abiotic issue such as weather damage. The display must be no larger than 24 inches 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" x 24". The exhibit must show a Nebraska landscape that includes elements such as windbreaks, fields, pastureland, CRP, public lands, 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 by 24 inches by 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

**DEPARTMENT
PLANT SCIENCE**
Premiums \$3.00 \$2.50 \$2.00

AGRONOMY

Individuals in the Crop Production, Field Crops project may exhibit grain or plants or prepare an educational display representing their project. The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability, and environmental protection. For guidelines on specific projects, refer to appropriate project manuals.

See General Rules <https://4h.unl.edu/fairbook/general/rules>

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/ne4hagronomy>.

Field Crops Division 750

CLASSES:

- * **G750001 - Corn** ((SF264) includes yellow, white, pop, waxy, or any other type)
- * **G750002 - Soybeans** (SF264)
- * **G750003 - Oats** (SF264)
- * **G750004-Wheat**
- * **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 a 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.

Division 750 Grain or Plant Exhibits

Rules:

1. GRAIN OR PLANT EXHIBITS (CLASSES 1-5)

- ◆ A completed crop production worksheet <https://crop-watch.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
 - Exhibitor's name and address,
 - County,
 - Plant hybrid or variety,
 - Plant population,
 - Whether crop production was irrigated or dryland,
 - 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 transparent plastic cover such that it can be read without removing it from the cover. In addition to the worksheet, grain and plant exhibits will be judged on:
 - condition,
 - appearance (i.e., disease and insect damage, grain fill),
 - uniformity (size, shape, color, maturity),

- and quality of exhibit. Refer to Scoresheet SF264.
- ◆ Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (e.g., corn or soybeans) may be from the previous year's project. Display containers will be furnished.
- ◆ Plant exhibits, except for 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" 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" wide by 28" tall 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. 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 display and what they learned from their project. Include any references used.
- ◆ The essay should be in a transparent 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. NEW: 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 determine viability of that crop in the part of the state they live.

Each year seeds will be mailed to extension offices or ag ed classrooms across the state, as ordered by that location. Offices will distribute to 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 materials will be available for youth, in addition to virtual, live, or recorded videos/fieldtrips.

Youth will be eligible to enter an exhibit at both the county and/or state fair in the agronomy project area.

Special Agronomy Project

CLASSES

- * G750011 - Special Agronomy Project - Educational Exhibit (SF259)- Educational exhibit based on what was learned from the project. Present information on a poster 14" X 22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, full address, 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 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, appropriate graphics, sound and either a video clip, animation, or voice over and/or original video clip. Any of the following file formats will be accepted: mp4, .mov, .ppt, or .avi.
- * 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) - sheaf of heads 2 inches in diameter at top tie with stems about 24" long.
- ◆ Other crops (alfalfa, millet, etc.) - sheaf of stems 3 inches in diameter at top tied with stems cut at ground level.
- ◆ Supporting documentation (½ to 1-page in length) should include the following:
 - ◆ Economic Analysis and/or research that supports feasibility of this crop in Nebraska or how the crop has evolved over time.
 - ◆ Other topics to discuss are past/current commercial production of this crop. This includes: the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season about this crop and what you learned from your crops project.
 - ◆ This ½ to 1-page summary counts as 50% of the total when judged.
 - ◆ In addition to the summary, grain and plant exhibits will be judged on condition, appearance (i.e., disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit.

Rules

The crop of the year for 2022 is broomcorn sorghum.

Weed Science

Division 751

CLASSES

- * **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. Any individual in the Conservation, Environment 1, 2 or 3, Range, Reading the Range 1 or Using Nebraska Range 2, or Crop Production, Field Crops projects may exhibit a weed book or weed display.
2. At least 15 of the specimens must represent this year's work.
3. 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).

BOOKS (Classes 1-2)

1. 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.
2. Plants should be glued rather than taped and the mounts should be protected with a clear clover.
3. Exhibits will be judged based on
 - ◆ completeness of plant mount,
 - ◆ accuracy of identification,
 - ◆ label,
 - ◆ neatness,
 - ◆ conformity to exhibit requirements.
 - ◆ Refer to Scoresheet SF261.
4. 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.

DISPLAYS (Class 3)

1. 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" wide by 28" tall 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.
 - ◆ 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 display and what they learned from their project. Include any references used.
 - ◆ The essay should be in a transparent plastic cover with the exhibitor's name outside.

RANGE

Division 330 Range Management

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

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 from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability and environmental protection
5. For guidelines on specific projects, refer to appropriate project manuals. Premier 4-H Science Award is available in this area. Please see [General Rules](#) for more details.

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 <http://go.unl.edu/ne4hrange>

BOOKS CLASSES 1-6):

For books, plants must be mounted on sheets that are no larger than 14" wide by 14" high.

- ◆ Plants should be glued rather than taped and the mounts should be protected with a clear cover.
- ◆ Proper plant mount should include root, as well as stem and leaf tissue.
- ◆ Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness, and conformation to project requirements. Refer to Scoresheet SF260.
- ◆ 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),
 - ◆ 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.

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" by 28" 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. Refer to Scoresheet SF259.
- * **BOARDS (CLASSES 8-9):**
- ◆ Boards should be no larger than 30" wide by 36" tall or if hinged in the middle a maximum of 60" wide by 36" tall.
 - ◆ Boards should be adequately labeled. Refer to Scoresheet SF260.

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 <http://go.unl.edu/ne4hrange>

Special Awards

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

CLASSES:

- * **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,
 - for wildlife food.

Value and importance classifications can be found in the Range Judging Handbook and Contest Guide (EC150, Revised July 2009) on pages 3 through 6.

- ◆ Plants can consist of any combination of
 - grasses,
 - grass-like plants,
 - forbs,
 - or shrubs.
 - ◆ Assemble plant mounts in order of high, medium, and low value and importance.
 - ◆ Label each plant mount with its value and importance classifications for each of the three areas.
 - Livestock Forage,
 - Wildlife Habitat,
 - Wildlife Food.
- * **D330002 - Life Span Book**– (SF260) A collection of 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.
- * **D-330004 - 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 often used to seed pastures.
- * **D-330005 - Major Types of Range Plants Book**– (SF260) A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like, and 3 shrubs.
- * **D-330006 – 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 names 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 study results and should be placed in a sheet cover attached to the board.
- * **D330009 - Junior Rancher Board** – (SF260) This exhibit should include a ranch map with a record book or an appropriate educational display on some phase of rangeland or livestock management. A short essay must accompany the display to explain the purpose of the rancher board, what was learned, etc.

HORTICULTURE

Premium \$2.50, \$2.00, \$1.50

The purpose of Horticulture is to encourage participants to start and maintain vegetable gardens. In addition, 4-H'ers can participate in planting, growing, and caring for flowers. 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.

Rules:

See General Rules for further information.

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Quota

Each County may select 10% of their youth enrolled in the **World of Flowers, Annual Flowers** and /or **Growing Houseplants** projects to exhibit floriculture at State Fair. 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 **World of Flowers** and /or **Annual Flowers** projects to exhibit a maximum of FOUR (4) entries per person in classes 1-46(cut flowers) and 50-53 (educational exhibits).
- ◆ Since cut flower 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 EXHIBIT CLASS NUMBER.
- ◆ Entries must be the work of the 4-H member.
- ◆ Youth must be enrolled in the **Growing Great Houseplants** project to exhibit in classes 50-66.
- ◆ Youth may enter a maximum of THREE (3) entries in classes 50-53 (educational exhibits) and 60-66 (houseplants), but each entry must have received a purple ribbon at the county fair to advance to the State Fair

Each county can select 10% of their youth enrolled in the **Everyone a Gardener** project and/or **Gardening Unit 1-Unit4** projects. If the county has 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 EXHIBIT 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.

- ◆ 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 EXHIBIT 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.

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 General Rules for more details.

Vegetables, Herbs, and Fruit

Preparing Cut Flowers

**Division 770
Floriculture**

CLASSES 1-23 - (SF106)

Cut Flowers Annuals and Biennials

5 stems of a single variety (cultivar) unless otherwise noted in parenthesis. (Classes 1-23) (SF 106)

CLASSES:	<u>NAME OF FLOWER:</u>
* 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" diameter -5 stems; 3" or more 3 stems)
* G770021	Vinca
* G770022	Zinnia
* G770023	Any Other Annuals/Biennials (under 3" diameter - 5 stems, 3" or more in diameter- 3 stem (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)

CLASSES	<u>NAME OF FLOWER</u>
* 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 (Not Day lilies) (3 stems)
* G770040	Platycodon
* G770041	Rose (3 stems)
* G770042	Rudbeckia/Black-eyed Susan
* G770043	Sedum
* G770044	Statice
* G770045	Any other perennial (under 3" diameter - 5 stems, 3" or more 3 stems)
* G770046	4-H Flower Garden Collection of 5 different flowers.
♦	Each flower in the collection should be exhibited with the number specified for classes 1-44.
♦	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 1-44 with any in the group collection

Educational Exhibits

CLASSES (50-53)

- * **G77050 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
 - ♦ The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the notebook.
- * **G77051 Flower Garden Promotion Poster (SF103)** - Individual poster promoting flower gardening, size 14" x 22" either vertical or horizontal arrangement.
 - ♦ 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.
 - ♦ Entry card must be stapled to the upper right-hand corner.

- ◆ The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster
- * **G77052 Educational Flower Garden Poster** – (SF104) Prepare a poster 14" x 22" x 2" (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.
 - ◆ Entry card must be stapled to the upper right-hand corner.
 - ◆ The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.
- * **G77053 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, full address, county and years in the project(s) must be on the back of the report cover.

Houseplants

CLASSES

- * **G770060 Flowering potted house plant(s)** (SF107)- that are blooming for exhibition. Containers may have one or more houseplants in container. Label name for each plant. Non-blooming plants will be disqualified.
- * **G770061 Foliage potted house plant** (SF107).one variety of tropical or cacti or succulent plant.
- * **G770062 Hanging basket** SF107) of flowering and/or foliage houseplants. Container may have one or more houseplants in container. Label name for each plant
- * **G770063 Dish gardens** - (SF107) an open/shallow container featuring a variety of house plants excluding cacti and succulents. Label name for each plant.
- * **G770064 Fairy or Miniature Garden** - (SF107) A miniature “scene” contained in an open container and featuring miniature or small, slow growing house plants.
 - ◆ The garden needs to have an imaginative theme and miniature accessories, i.e., bench, fence made from tiny twigs, small shell for a bathtub, etc. Label name for each plant.
- * **G770065 Desert gardens** - (SF107) an open/shallow container featuring a variety of cacti and/or succulents grown as houseplants. Label name for each plant.
- * **G770066 Terrariums** - (SF107) transparent container, partially or completely enclosed; sealed or unsealed. Label 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 note in parenthesis.
3. 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.
 - ◆ For Floriculture, punch hole in the top center of entry tag, use a rubber band to securely attach entry tag to containers.
4. Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing.
 - ◆ In classes 23, 45 & 46, do not duplicate entries from the already listed classes or entry will be dropped one ribbon placing.
 - ◆ For example: 4-H'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 exhibit is judged.
5. 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 glass containers of a neutral color that won't tip over and of adequate size to display blooms.
6. Follow the guidelines in 4-H "[Preparing Cut Flowers for Exhibits 4H 227](#)" (revised 2016) when preparing exhibits for the fair.

EDUCATIONAL EXHIBITS (CLASSES 50-53)

HOUSEPLANTS (CLASSES 60-66)

Rules:

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 found in Nebraska. 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. Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement).
 - ◆ Dish gardens, fairy or miniature gardens, desert gardens and terrariums may be up to 12" in diameter (inside opening measurement).
 - ◆ Any container grown plant in Classes 60-66 that is greater than 12" in diameter (inside opening measurement) will be dropped one ribbon placing.
4. Classes 60-65 exhibitors must have and provide a saucer to catch drainage water.

The 4-H members name, age, full address, county, and years in the project(s) must be on the bottom or back of the container and saucer. (SF 107)

SPECIAL GARDEN PROJECT

Division 775

CLASSES 1-4

- * **G775001 Special Garden Project - Educational exhibit** (SF109) based on what was learned from the project.
 - ◆ Present information on a poster 14" x 22" either vertical or horizontal arrangement or in a clear plastic report cover.
 - ◆ cut flowers or harvested vegetable should be entered in the appropriate class listed above.
 - ◆ The 4-H member's name, age, full address, and county must be on the back of the poster or report cover. (SF109)
- * **G775002 Special Garden Project -Fresh Cut Flowers or Harvested Vegetables** (SF109) The current years' Special Garden Project fresh cut flowers or harvested vegetables should be entered in this class.
 - ◆ Refer to classes 001-044 for quantity to exhibit if special garden project is a fresh cut flower. Score Sheet SF106.
 - ◆ Refer to classes 201-252 for quantity to exhibit if special garden project is a vegetable.
 - ◆ Score Sheet SF 108.

County Only Classes

- * **G775003 Poem** - Write a poem about some aspect of the growing, picking, insect pests, the choice is yours! Exhibit in clear plastic report cover.

Rules:

The 2022 Special Gardening Project is focused on the Rubenza Cosmos.

**VEGETABLES, HERBS, FRUITS &
EDUCATIONAL EXHIBITS**

Premiums \$ 2.50 \$2.00 \$1.50

**Division 773
VEGETABLES**

CLASSES (1-56) (SF108)

Vegetable (Numbers to Exhibit)

- * G773201 Beans, lima (12)
- * G773202 Beans, snap (12)
- * G773203 Beans, wax (12)
- * G773204 Beets (5)
- * G773205 Broccoli (2)
- * G773206 Brussel 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 Onion (5)
- * G773218 Red Onion (5)
- * G773219 White Onion (5)
- * G773220 Parsnips (5)
- * G773221 Bell Peppers (2)
- * G773222 Sweet Non-Bell Peppers (5)
- * G773223 Jalapeno Peppers (5)
- * G773224 Hot (Non-Jalapeno) Pepper (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) doesn't fit in any other class.
- * **G773255 Vegetable Garden Collection** of five kinds of vegetables Display Garden Collection in a box not more than 24" in any dimension.
 - ◆ Showmanship will be considered in judging, but plastic, grass, cotton, figurines, etc. should not be used in exhibit boxes.
 - ◆ Each vegetable in the collection should be exhibited with the number specified for individual class (201-252).
 - ◆ Do not duplicate entries in classes 201-252 with any in the group collection.
- * **G773256 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, tomatoes, etc.
 - ◆ Display in a box not more than 24" in any dimension.
 - ◆ Showmanship will be considered. Each vegetable in collection should be exhibited with the number specified in class (201-252)

HERBS

CLASSES: (60-69) (SF108)

- * **G773260 Basil** (5)
- * **G773261 Dill** (5 dry)
- * **G773262 Garlic** (5 bulbs)
- * **G773263 Mint** (5)
- * **G773264 Oregano** (5)
- * **G773265 Parsley** (5)
- * **G773266 Sage** (5)
- * **G773267 Thyme** (5)
- * **G773268 Any other herb, (do not duplicate entries in classes 260-267)**
- * **G773269 4-H Herb Garden Display of 5 different herbs.**
 - ◆ Displayed in a box or other holder not more than 18" in any dimension.
 - ◆ Boxes may not be returned at 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

CLASSES: (90-94) (SF108)

- * **G773290 Garden Promotion Poster** - (SF103) Individual poster promoting vegetable or herb gardening, size 14" x 22" 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 stapled to the upper right-hand corner.
 - ◆ The 4-H member's name, age, full address, 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" x 22" (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 stapled to the upper right-hand corner.
 - ◆ The 4-H member's name, age, full address, 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, full address, 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 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" x 24".
 - ◆ 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 site references on where the scientific name information was found.
 - ◆ The 4-H member's name, age, full address, 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 telling 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 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, full address, county, and years in the project(s) must be on the back of the report cover or notebook.

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 entry 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 108.
2. Follow the guidelines in **“Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit”** 4-H 226 (revised June 2013) when preparing entries for the fair.
 - ◆ At State Fairs, plates will be provided for the exhibitor.

Herb classes 60-69 will be judged using the same general criteria used for vegetables. Score Sheet SF108

1. Those grown mainly for their seed such as dill and caraway should be exhibited on a plate.
2. Those grown for their leaves such as basil, parsley, etc. should be exhibited in a container of water.
3. Containers may not be returned at f
4. Potted herb plants will be disqualified and will not be judged.

Fruits will be judged using the same general criteria used for vegetables.

1. Fruit will be judged for the stage of maturity normal for that season and growing location.
2. Emphasis will be placed on how well fruit approaches market quality. Score Sheet SF108

**SET
(SCIENCE, ENGINEERING &
TECHNOLOGY)
Premium \$3.00, \$2.50, \$2.00**

AERO SPACE (ROCKETS/DRONES)

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 SET Aerospace 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 owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Rockets must be supported substantially to protect it from breakage. Rockets are to be mounted on base that has dimensions equal or less than 12" x 12" and the base should be 3/4" thick. No metal bases. If the rocket fins extend beyond the edges of the required base (12" x 12") then construct a base that is large enough to protect the fins. The base size is dictated by the size of the rocket fins.
3. The rockets should be mounted vertically. Please do not attach sideboards or backdrops to the displays. In addition, a used engine or length of dowel pin should be glued into the board and extended up into the rocket's engine mount to give added stability.
4. Rockets must be equipped for launching, with wadding and parachute or other recovery system. Rockets entered with "live" engines, wrong base size or sideboards will be disqualified.
5. A report, protected in transparent plastic cover, must include:
 - ◆ Rocket specification, (include original or photo of manufacture packaging stating rocket skill level).
 - ◆ Flight record for each launching: (weather, distance, flight, height.)
 - ◆ Number of launchings, Flight pictures.
 - ◆ Safety (how did you choose your launch site? Document safe

- launch, preparations, and precautions.
 - ◆ Objectives learned and
 - ◆ Conclusion
6. The flight and record should describe engine used, what rocket did in flight, and recovery success. Points will not be deducted for launchings, flight, or recovery failures described. This includes any damage that may show on the rocket. Complete factory assembled rockets will not be accepted at the State Fair.
 7. Judging is based upon display appearance, rocket appearance, workmanship, design or capabilities for flight, and number of times launched and report. (3 launches are required to earn the maximum launch points given on the score sheets). For scoring for State Fair, only actual launches count. misfires will not count towards one of the required three launches.
 - “ For self-designed rockets only, please include digital recorded copy of one flight. In the documentation, please include a description of stability testing before the rocket was flown.
 - “ Skill level of project is not determined by number of years in project. Skill level is determined by the level listed on the manufacturing packaging.
 - “ 4-H Rocket project levels are not intended to correspond to National Association of Rocketry model rocket difficulty ratings or levels.
 8. **High power rockets (HPR) are similar to model rocketry with differences that include the propulsion power and weight increase of the model. They use motors in ranges over “G” power and/or weigh more than laws and regulations allow for unrestricted model rockets. These rockets are NOT appropriate for 4-H projects and will be disqualified.**
 9. Posters can be any size up to 28” x 22” when ready for display. Example: Tri-fold poster boards are not 28” x 22” when fully open for the display.

See General Rules for more details.

Eligibility

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. Entry level rockets, made with PLASTIC FINS and PLASTIC BODY TUBES, are **COUNTY ONLY** projects.

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.

DEPARTMENT SET (SCIENCE, ENGINEERING & TECHNOLOGY) AEROSPACE (Rockets/Drones)

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 SET Aerospace 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 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 or less than 12" x 12" and the base should be 3/4" thick. No metal bases. If the rocket fins extend beyond the edges of the required base (12" x 12"), then construct a base that is large enough to protect the fins. The base size is dictated by the size of the rocket fins.
3. The rockets must be mounted vertically. Please do not attach sideboards or backdrops to the displays. In addition, a used engine or length of dowel pin is to be glued and/or screwed into the board and extended up into the rockets engine mount to give added stability.

4. Rockets must be equipped as prepared for launching, with wadding and parachute or other recovery system. Rockets entered with live engines, wrong base size or sideboards will be disqualified.
5. A report, protected in a transparent plastic cover, must include: 1) rocket specification (include original or photo of manufacture packaging stating rocket skill level), 2) a flight record for each launching (weather, distance, flight height), 3) number of launchings, 4) flight pictures 5) Safety (how did you choose your launch site? Document safe launch, preparations, and precautions) 6 objectives learned and 7) conclusions.
6. The flight record should describe 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 show on the rocket. Complete factory assembled rockets will not be accepted at the State Fair.
7. Judging is based upon display appearance, rocket appearance, workmanship, design or capabilities for flight, number of times launched and report. Three launches are required to earn the maximum launch points given on the score sheets. For scoring for the State Fair, only actual launches count, misfires will not count towards one of the required three launches.
 - ◆ For self-designed rockets only, please include digital recorded copy of one flight. In the documentation, please include a description of stability testing before the rocket was flown.
 - ◆ Skill level of project is not determined by number of years in project. Skill level is determined by the level listed on the manufacturing packaging.
 - ◆ 4-H Rocket project levels are not intended to correspond to National Association of Rocketry model rocket difficulty ratings or levels.
8. **High power rockets (HPR) is 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" by 22" when ready for display. Example: tri fold poster boards are not 28" by 22" when fully open for display.

For General Rules [click here](#)

[Premier 4-H Science Awards is available in this area.](#)

Division 850

CLASSES:

- * **H850001 Rocket: Any Skill Level 2:** (SF92) Rocket with wooden fins and cardboard body tubes, 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, explain the parts of a NASA rocket or shuttle, interview of someone in the aerospace field or kit terminology. Display can be any size up to 28" x 22".
- * **H850003 Rocket:** (SF92) Any Skill Level Rocket with wooden fins and cardboard body tubes, painted using commercial application example commercial spray paint.

Rules:

1. Youth enrolled in Aerospace 2, 3, or 4 may exhibit in any class within this division.

DRONES

CLASSES:

- * **H850005 Drone Poster:** 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" by 22".
- * **H850006 Drone Video:** 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. Video should not exceed 5 minutes. Videos should be submitted to Amy Timmerman at atimmerman2@unl.edu by August

15th, 2022. Videos should also be uploaded to a video streaming application and exhibitors must provide a hard copy QR code for viewing

SELF DESIGNED ROCKET

CLASS

- * **H850004 - Rocket (SF92)** Any self-designed rocket with wooden fins and cardboard body tubes.

Rules:

1. Youth enrolled in Aerospace 2, 3, or 4 may exhibit in any class within this division.

SET- COMPUTER

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 various aspects of computer science. Involvement in SET 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 transparent plastic cover. The reports should be attached securely to the display.
4. Please refer to the General Rules for the policy regarding firearms, items with a blade, and other related items.
5. **Premier 4-H Science Award** is available in this area.
6. **Team Entries:** To qualify for entry at the Nebraska State Fair team materials entered in H860008 –Digital Fabrication must clearly 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.

See General Rules for additional information.

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 <http://go.unl.edu/ne4hcomputers>.

Division 860

Computer Mysteries Unit 2

CLASSES:

- * **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 –1-book.
 - ◆ Promotional Flyer-3flyers promoting 3 different events.

- ◆ Newsletter-minimum of 2 pages
 - ◆ Other examples such as precision farming or family business logo etc.
 - ◆ This exhibit consists of a notebook (8.5 x 11 inches) which should include a detailed report describing
 - ◆ Task to be completed
 - ◆ The computer application software required to complete the task
 - ◆ Specific features of the computer application software necessary for completing the task.
 - ◆ Print out of your project. Project may be in color or black and white.
- * **H860002. Produce a Computer Slideshow Presentation (SF277)**
Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. All slide shows for state fair should be emailed to Amy Timmerman atimmerman2@unl.edu before August 15.
- ◆ Files must be saved in a PC compatible format with county name and last name of participant before emailing.
 - ◆ A notebook with a printout of all the slides should be submitted.
 - ◆ Slideshow should include a minimum of 10 slides and no 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 presenter.
 - ◆ All slideshows must be uploaded.

Computer Mysteries—Unit 3

- * **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.
- * 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.
- * **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.
- ◆ Submissions should incorporate a picture or video of the 4-Her, as well as their name (first name only), age (as of January 1 of the current year), years in 4-H, and their personal interests or hobbies.
 - ◆ Videos should be designed for web viewing. Any of the following formats will be accepted: .mpeg, .rm, .wmv, .mp4, .ov, .ppt, or .avi.
- * **H860005. Create a Web Site/Blog or App (SF...)** – Design a simple Web site/ blog or app for providing information about a topic related to youth using either software programs such as an HTML editor like Microsoft’s FrontPage or Macromedia’s Dreamweaver, and image editor like Irfan View or GIMP OR online using a WIKI such as Google Sites.
- ◆ If the Web site, Blog, or App isn't live include all files comprising the Web site.
 - ◆ Blog or App should be submitted on a CD-ROM in a plastic case
 - ◆ along with the explanation of why the site was created.
 - ◆ If developed using a WIKI or other online tool include a link to the website in the explanation of why the site was created.
- * **H860006. 3D Printing (SF1050):** 3D printing uses plastic or other materials to build a 3-dimensional object for a digital design (including 3D Pen Creation). Youth may use original designs or someone else’s they have re-designed in a unique way. Exhibits will be judged based on the motivational and/or problem identified. For example: 3D objects printed as part of the design process for robot or other engineering project.
- ◆ Must include design notebook that addresses the following questions
 - ◆ What was the motivation for your design or the problem you were solving with your design? i.e., is your items a functional or decorative piece?
 - ◆ 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.

- ◆ 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)?
- ◆ What materials were selected for your project?
- ◆ If your final design has any moving parts, define how you determined appropriate allowance in your design.
- ◆ Identify any changes that you would make to improve your design.

- * **H860007. Maker Space/Digital Fabrication** – 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:

- ◆ What motivated you to create this project?
- ◆ Software and equipment used.
- ◆ Directions on how to create the project.
- ◆ Prototype of plans.
- ◆ Cost of creating project.
- ◆ Iterations or modifications made to original plans.
- ◆ 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 H860007 – 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.

SET 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 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 board 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.

Eligibility

Exhibits must have received a purple ribbon at the county fair to advance to State Fair.

Quota

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 General Rules for more details.

Division 870

Magic of Electricity Unit 1

CLASSES H870015-H870021

County Only

CLASSES:

- * **H870015 Bright Lights:** Create your own flashlight using items found around your house. Flashlights should be made from items that could be recycled or reused. No kits please. Follow directions on page 11 of project manual
- * **H870016 Control the Flow:** Make a switch. Follow directions on page 13 of the project manual.
- * **H870017 Conducting Things:** Make a circuit with a switch and a light bulb that can be used to test different household items for their ability to act items that are insulators. Create a table that illustrates your results.
- * **H870018 Is There a Fork in the Road:** Use the following items to construct 1 parallel and 1 series circuit. Items: D cell battery, battery holder, insulated wire, bulb holder and a 2- or 2.5-volt light bulb.

Investigating Electricity Unit 2

CLASSES:

- * **H870019 Case of the Switching Circuit:** Follow directions on page 27 of the project manual. Write a short essay or create a poster that illustrates how 3-way switches function.
- * **H870020 Rocket Launcher:** Follow directions on page 31 of project manual. You must successfully build a rocket launcher and light 2 rocket igniters with your launcher. You DO NOT have to fire a rocket from the launcher. Create a poster using photographs to show the “step by step process” you used to build your launcher.
- * **H870021 Stop the Crime:** Build an alarm following the directions on page 33 of the project manual. Create a poster using photographs to show the “step by step process” you used to build your alarm.

Electricity Wired for Power Unit 3

CLASSES:

- * **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

CLASSES:

- * **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 Electronics project. Examples include components of an electronic device (refer to p. 35 of the electronic manual).
- * **H870007 Electronic Project (SF230)** - Exhibit an electronic item designed by the 4-H'er or form 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" by 22".

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 SET Robotics gives 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.

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. 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 transparent plastic cover.
 - ◆ The reports should be attached securely to the display.

Please see **General Rules** for more details.

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 <http://go.unl.edu/ne4hrobotics>

Division 861

CLASSES:

- * **H861001. Robotics Poster (SF236)** - Create a poster (14" X 22") 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,
 - a programming skill, calibration, sensor exploration,
 - any of the topics suggested in Class 001 or junk drawer robotics level 3 and 4.
- * **H861004. Robotics/Careers Interview (SF239)** - Interview someone who is working in the field of robotics and research the career in robotics.
 - ◆ Interviews can either be written or in a multimedia format (CD/DVD).
 - ◆ Written interviews should be in a notebook.
 - ◆ Written reports should be 3 to 5 pages, double spaced, 12-point font, and 1" margins.
 - ◆ Multimedia reports should be between 3 to 5 minutes in length.
- * **H861005. Robotics Sensor Notebook (SF241)** - Write pseudo code with a loop which includes at least one sensor activity. Include the code written and explain the code function.
- * **H861007. Kit Labeled Robot (cannot be programmed.) (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."
 - ◆ 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. Youth enrolled in Virtual Robotics, Junk Drawer Robotics (Levels 1, 2, or 3), or Robotics Platforms or GEAR TECH 21 may exhibit in any class within this division.
2. **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.
3. Creating a video of your robot in action would be helpful for the judges but is not mandatory. Present as a CD Rom with your robot entry.

Robotics Showcase

Class

- * **H861003 - Robotics Video** – This class should be displayed in a notebook. The notebook should include a video clip on a CD/DVD that demonstrates the robot performing the programmed function. Include your pseudo code and screenshots of the actual code with a written description of the icon/command functions. All videos for state fair should be emailed to Amy Timmerman atimmerman2@unl.edu before August 15. Files must be saved in a PC compatible format with county name and last name of participant before emailing.

GEOSPATIAL

SET 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 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 transparent 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 copyrighted images.
5. Premier 4-H Science Award is available in this area.

See General Rules for more information.

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/ne4hgeo>.

Division 880

CLASSES:

- * **H880001 Poster** - (SF299) Create a poster (not to exceed 14" x

- 22”) 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-** (SF272) The 4-H exhibitor identifies a favorite place or historical site (including grave sites) in Nebraska. Exhibit should
 - ◆ Include latitude and longitude, digital picture, and local area map.
 - ◆ Poster size should not exceed 14” x 22”.
 - * **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. Each geocache should be a water-tight container.
 - ◆ It should include a logbook and pencil for finders to log their visits and may include small trinket, geocoding, etc. for the finders to trade.
 - ◆ Documentation should include a title, teaser description and the geographic coordinates of intended placement.
 - ◆ Register the site at geocaching.com, include 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 where 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: Nominate a Point of Interest for the 4-H History Map Project. Include copy of submitted form in 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://4hhistory-preservation.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 historical significance of 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-Her.
 - ◆ Maps could be of Amelia Earhart’s journey,
 - ◆ Sir Francis Drake’s voyage,
 - ◆ population density maps, water usage maps,
 - ◆ or 4-H projects in Nebraska
 - ◆ Create a GIS Map using data from books and/or internet.
 - ◆ Use reliable date, ex. U.S. Center for Disease Control or U.S. Census Bureau.
 - ◆ map any size up to 36” X 24””, should include:
 - Title,
 - Base map,
 - Neat Line,
 - North Arrow, and Legend. I
 - Identify the source of your information on the back of map.

CLASSES:

- * **H890001 Small Engine Display/Item** - Show an application of one of the concepts learned in the Warm It Up project. Examples include comparison of engine oil types, transmissions, or safety related to engines. Exhibit could be a poster display, or an actual item.
- * **H890002 Engine Display/Item:** Display/Item should exemplify one of the lessons learned in the Tune It Up Project. Examples include, diagnostic tools, fuel systems, ignition systems. If a complete engine is exhibited, it will not be started. However, display needs to report process of building/rebuilding engine and how/where engine will be utilized (i.e., lawn mower, weed eater, snow blower, etc.).
- * **H890003 Small Engine Display/Item:** Show an application of one of the concepts learned in the unit one project. Examples include identify the parts of a small engine, a safety rules for starting a small engine, small engine repair tool identification.

SET ENERGY

This category provides 4-H'ers 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 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 transparent plastic cover.
 - ◆ The reports should be attached securely to the display.

3. Posters can be any size up to 28" by 22" when ready for display. Example: tri fold poster boards are not 28" by 22" when fully open for display.

See General Rules for more information

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/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.

Division 900

CLASSES:

- * **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,

Field Code Changed

- etc.
- ◆ Posters can be any size up to 28” by 22”
 - * **H900002 Experiment Notebook** (SF305) 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** (SF308) Item should be the original design of the 4-Her.
 - ◆ Include the item, or a picture if item is more than 6’ tall or 2’ X 2’.
 - ◆ Include a notebook of why the item was designed and how it harnesses the power of sun.
 - ◆ Examples include solar ovens, solar panels, etc.
 - * **H900004 Water as Energy Display** (SF308) Item should be the original design of the 4-Her.
 - ◆ Include the item, or a picture if item is more than 6’ tall or 2’ X 2’.
 - ◆ include a notebook of why the item was designed
 - ◆ and how it harnesses the power of water.
 - * **H900005 Wind as Energy Display** Item should be the original design of the 4-Her.
 - ◆ include the item, or a picture if item is more than 6’ tall or 2’ X 2’.
 - ◆ Include a notebook of why the item was designed.
 - ◆ and how it harnesses the power of wind (SF308).
 - * **H900006 Other Nebraska Alternative Energy** Notebook should explore Nebraskan alternative energy source besides wind, water, and solar power.
 - ◆ Include information on type of power chosen,
 - ◆ infrastructure for distribution,
 - ◆ resource, cost of production,
 - ◆ and potential uses of bio-products.

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 this category 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 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. 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 transparent 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 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 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.**

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 <http://go.unl.edu/ne4hwoodworking>.

Division 911

Measuring Up– Unit 1

County Only Classes 911021-911028

Units 1-2

CLASSES:

Article made with Hand Tools.

Items made using skills learned in the Measuring Up project guide. Examples include recipe holder, stilts, or other skill lever appropriate item. Construction plans must accompany item.

- * H911021 Flower Box
- * H911022 Napkin or Letter Holder
- * H911023 Picture Frame
- * H911024 Article comparable to items in Level 1.

Making the Cut Unit 2

Article made with Simple Power Tools.

Item made using skills learned in the Making the Cut project guide. Examples include birdhouse, foot stool, and napkin or letter holder. Construction plans must accompany item.

- * H911025 Napkin or Letter Holder
- * H911026 Birdhouse
- * H911027 Foot Stool
- * H911028 Article comparable to items in Level 2

Nailing it Together Unit 3

CLASSES:

- * **H911001. Woodworking Article (SF91)** - Item should be made using either joints, hinges, dowels, or a dado joining made using skills learned in the Nailing It Together manual. Item is required to be appropriately finished. Examples include bookcase, coffee table or end table.
- * **H911003. Recycled Woodworking Display (SF95)** – Article made from recycled, reclaimed, or composite wood.
 - ◆ Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 3 manual.
 - ◆ Exhibit must include the woodworking plan and a minimum one-page report of how the engineering design process was used to develop the woodworking plan.
 - ◆ **Engineering Design Process**
 - State the problem (Why did you need this item)
 - Generate viable solutions (How have others solved the problem? What other alternatives or designs were considered?)
 - Select a solution (How does your solution compare based on cost, availability, and functionality?)
 - Build the item (What was your woodworking plan, and what processes did you use to build your item?)
 - Reason for article finish (What type of finish, how did you finish or why you choose this finish?)
 - Evaluate (How does your item solve the original need?)
 - Present results (How would you do this better next time?).

Finishing Up—Unit 4

CLASSES

- * **H911006. Woodworking Article (SF91)** - Item made using skills learned in the Finishing It Up Project. Examples include:
 - ◆ dovetailing,
 - ◆ making a pen using lathe,
 - ◆ overlays, using a router, etc.
 - ◆ Item is required to be appropriately finished.
- * **H911008. Recycled Woodworking Display (SF91)** – Article made from recycled, reclaimed, or composite wood.
 - ◆ Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual.
 - ◆ Exhibit must include the woodworking plan and a minimum one-page report of how the design and engineering process was used to develop the woodworking plan.
 - ◆ **Engineering Design Process**

- State the problem (Why did you need this item?)
- Generate viable solutions (How have others solved the problem? What other alternatives or designs were considered?)
- Select a solution (How does your solution compare based on cost, availability, and functionality?)
- Reason for article finish (What type of finish, how did you finish or why you choose this finish)
- Build the item (What was your woodworking plan, and what processes did you use to build your item?)
- Evaluate (How does your item solve the original need?)
- Present results (How would you do this better next time?)

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 SET 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 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" high x 15" long display board of thickness not to exceed 3/8". 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 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 display board so it can be hung like a picture frame. No picture frame hangers accepted.**
3. Fabricated board 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 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.

See General Rules for additional details.

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 <http://go.unl.edu/ne4hwelding>.

Division 920

Arcs and Sparks

CLASSES:

- * **H92001 Welding Joints (SF281)** - a display of one butt, one lap and one fillet weld.
- * **H92002 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 alternatives, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish.
- * **H92004 Welding article (SF281)** - any shop article where welding

is used in the construction. 60% of item must be completed by 4-Her and notes regarding laser welding or machine welding must be included. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

- * **H92005 Welding furniture (SF282)** – any furniture with 75% welding is used in the construction. 60% of item must be completed by 4-Her and notes regarding laser welding or machine welding must be included. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.
- * **H92006 Plasma Cutter/Welder Design (SF279)** – Plasma cutters/welders allowed for detailed design(s) to butt cut into metal. 4Hers 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, this allows for replication of the project.
 - ◆ Lessons learned or improvements to the project.
- * **H92006 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 project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

Rules:

1. **Class 1: All Welding Project Tips and Suggestions:**

- ◆ All welds should be made with the same electrode/wire/rod size and number.
- ◆ Welds should be made only on one side of metal so penetration can be judged.
- ◆ Welds should be cleaned with chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
- ◆ It is suggested that all welds be on the same size and thickness of metal. These pieces, referred to as coupons, should be 1.5 to 2 inches wide and 3.5 to 4 inches long. An effective way to get this size is to buy new cold rolled strap iron and cut to length. The extra width is needed to provide enough metal to absorb the heat from the welding process and prevent the coupons from becoming too hot before the bead is completed. Narrower coupons will become very hot, making an average welder setting too cold at the bead start, just about right in the middle, and too hot at the “ correct way to weld narrow strips is to make short beads and allow time to cool, however this project requires a full-length bead.
- ◆ Stick welding: Suggested coupon thickness - 1/4” if using 1/8” rod. Suggested rod-AC and DC straight or reverse polarity- first E-7014, second E-6013
- ◆ MIG welding: Suggested coupon thickness - 1/4" if using .035 wire and 1/8" if using .023 wire.
- ◆ Oxy-Acetylene: Suggested coupon thickness - 1/8". Suggested rod– 1/8" mild steel rod

2. **Class 2: Welding Project Tips and Suggestions**

- ◆ It is suggested that all welds be on same size and thickness of metal. These pieces are referred to as coupons. The welds can be on one coupon that is about 4” x 4” or on individual coupons that are about 2” x 4” inch and ¼” 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.
- ◆ 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. **Class 3 & 4: Welding Project Tips and Suggestions**

- ◆ 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.

**DEPARTMENT
ANIMAL SCIENCE**

Premiums: \$3.00 \$2.50 \$2.00

Veterinary Science

Division 840

The purpose of a Veterinary Science exhibit is to inform the public about a common health problem of animals or a veterinary science principle. Do not confuse veterinary science exhibit topics with animal husbandry or production topics.

Rules

1. **Veterinary Science exhibit may consist of a poster or a display.**
The exhibit may represent material from any of the Veterinary Science projects including entry level exhibits from Unit I.
2. If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone.
3. Graphic photographs of excessive bleeding, trauma or painful procedures are not appropriate.
4. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, use of drapes, use of sterile procedures, wearing of gloves, and other appropriate veterinary medical practices.
5. **First-Aid Kits:** Because of public safety concerns and risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse, **animal first aid kits containing any drugs 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.**
6. **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" x 28" and may be either vertical or horizontal.
7. **Veterinary Science Displays** A display may include but not limited to: a 3-dimensional exhibit, a scale model, 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" x 28" or on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide or in a 3-ring binder or another bound notebook format.

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/ne4hvetscience>.

Special Awards

Premier 4-H Science Award is available in this area. Please see [General Rules](#) for more details.

CLASS

- * **Class H840001 - 4-H Veterinary Science Large Animal Poster, Notebook, or Display - (SF119)**
- * **Class 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.

Remember, since these are science displays, all references and information need to be properly cited. Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with Veterinarians and excerpts from Veterinary Educational Literature. *Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.*

Division 100 **Companion Animal**

County Only

1. **Description - Poster** can include entries covering any companion animal (including reptiles, companion birds, Cat, Pet rabbit, Ferret, Chinchilla, Guinea pig, Gerbil, Hamster, Mouse, Rat, and Hedgehog or others).
 - ◆ Exhibitors should make a poster with information on the proper care of a companion animal.
 - ◆ Poster should also include photographs of animal's normal habitat and be the size of one full standard poster (should not exceed 22" x 28") board.
2. Exhibitors must be present at time of judging and will be judged on quality of the poster, accuracy of information provided, and ability of the exhibitor to explain the information and answer judge's questions

CLASS:

- * **G100011** Poster
 - “ standard poster (should not exceed 22" x 28") board.

DEUEL COUNTY 4-H and FFA **LIVESTOCK POLICY**

1. Market animals, breeding, stocker/feeder calves, and bucket calves will be weighed on arrival at the County Fair. This will be the official weight for the show.
2. Bred & Fed Market Affidavit– Guidelines
 - ◆ Exhibitor family will be classified as exhibitor's immediate family or family-owned operation. Family may also hold financial stakes or responsibility within operation.
 - ◆ Each market beef listed is from a Deuel County 4-H/FFA exhibitor's family who verifies it is from his/her own cow and was bred and calved within the said family operation.
 - ◆ Each market beef listed is being raised by the 4-H/FFA member(s) at a residence readily accessible to 4-H/FFA member.
 - ◆ Each market beef listed is properly identified according to the current Deuel County 4-H/FFA Livestock Guidelines.
 - ◆ Each market beef listed is NOT automatically entered in the Deuel County Fair County Bred & Fed Market Steer Class. Each 4-H/FFA member must properly enter his/her own project animals according to the Rules & Regulations in the current year's Deuel County Fair Premium Book.
 - ◆ Each market beef listed is NOT required to be entered/exhibited in the Deuel County Fair County Market Beef Class. It may be entered/exhibited in both market beefclasses, according to the current year's Deuel County Fair Premium Book and Bred and Fed Market Beef Class.
 - ◆ This form with all eligible beef is due on June 15th. However, selection of animal competing in Bred & Fed class must be determined at official beef weigh-in at the Deuel County Fair. Participant will designate tag number to Extension Staff before the end of beef weigh-ins.
 - ◆ The County Bred & Fed Market Beef class will be held directly following the selection of the Grand and Reserve Champion Market Beef. This may mean that the Grand and Reserve Market Beef can compete in and win the Bred and Fed competition.
3. 4-H or FFA member must show his/her animal unless excused by the FFA Advisor or Livestock Committee. If a member has more than one animal in a class, a Deuel County 4-H or FFA member **MUST** show the animal.
4. The showmanship classes will be held before the livestock evaluation classes. Exhibitors will be judged on how well she/he shows

their animal and how well and animal is fitted. Basis of judging is approximately 40% on the appearance of the animal, 40% on showing the animal, and 20% on the appearance and merits of the exhibitor.

5. Livestock exhibitors will wear the following clothing for showing livestock unless project specifies differently. Deuel County 4-H/FFA T-Shirts, dark solid-colored pants and hard soled shoes or boots. The Deuel County 4-H Council may amend this policy.
6. Animals used in Showmanship must be property of the showman and must be their exhibit at fair.
7. All beef, sheep, hogs, and dairy animals must be identified on an Ownership Affidavit by the required dates. Families may register animals on the Ownership Affidavit in all the eligible members' names. At the time of entry at the fair, individuals must designate the animals they will exhibit.
8. Any livestock may be subject to inspection for physical alteration. If any animal or carcass is found to have been altered physically, they will be disqualified and forfeit all winnings.
9. All withdrawal times for drugs, medication, and feed additives **MUST** be followed. The Wholesome Meat Animal Assurance Program will be followed. Forms will be provided and must be properly completed and presented to the superintendent at the time the animal is weighed in.
10. Swine must meet the requirements of the Nebraska Pseudo Rabies Program and regulations of the Deuel County Fair. Any required health certificates or other information must be turned in to the superintendent at the time the hogs are weighed in.
11. Two animals meeting minimum weight per species per exhibitor may be auctioned during the premium sale, with a maximum of three animals per exhibitor.
12. Animals that do not meet the minimum weight limit are eligible for Feeder Class and Showmanship classes only.
13. The Deuel County Council will retain 3% of the exhibitor's total sale check. This is to cover the death or disappearance of an animal, or other discrepancies that may arise, promotion and auction expenses, uncollected debts as well as establishment of a fair-ground's facilities fund.
14. Youth must be present at livestock sale to be eligible to sell their animal. If extenuating circumstances arise, Deuel County 4-H Council can approve another Deuel County 4-H member to show the animal in place of original exhibitor.
15. State Fair Livestock General Rules and Livestock Premier Exhibitor Contest is available.

**THE FOLLOWING RULES WILL BE
STRICTLY ENFORCED**

1. **All 4-H/FFA Livestock Exhibitors need to report to barns to clean pens at 9:30 p.m. or make arrangements with Barn Superintendent.**
2. **All Livestock Exhibitors must submit a Project Record Sheet for each animal sold. Submit sheet to the Extension Office by Sept. 1 Record Sheet needs to be turned in at least 48 hours prior to Achievement Night to allow for proper review, before the 4-Her's Livestock Sale check is issued.**
3. All Beef Shows are Blow & Go. See Livestock Beef Department for Policy details.
4. Exhibitors must designate where animals will go.
5. This is completed by writing "sell, buy back, or home (if available)" for each animal they exhibited at fair on the designation sheet available in the 4-H building.
6. Designation must be completed the day before the sale by 1:00 p.m.
7. Animals NOT designated will be excluded from the sale.

LIVESTOCK SALE POLICY

The Deuel County Fair Livestock Sale is a **market only** sale. Only market animals can be sold. (Market Beef, Market, Swine, Market Goat, Market Sheep, Market Poultry, Market Rabbits. Fancy and Commercial and Breed Rabbits are not eligible.) All animals that go through the sale are available to the highest premium bidder to take home, otherwise they will be sold to the buyback buyer. The only time an animal can be sold for premium only, is if it is registered for:

- ◆ The Show of Champions,
- ◆ Nebraska State Fair,
- ◆ AKSARBEN
- ◆ Or show pre-approval by the Livestock Committee.

Breeding animals, bucket calves, and cow/calf pairs are not eligible for the livestock sale but can receive \$50 from the 4-H council to offset some of the expenses of raising large animals. There will be no money paid for poultry or rabbits not going through the sale.

WEIGH-IN POLICY

Steers weighed in from 7:00 to 9:00. Small animals weighed directly following the steers. Small animals can be weighed in any order.

ANIMALS THAT DO NOT MAKE MINIMUM WEIGHT

1. Animals that do not make the minimum weight when they are weighed initially, will be given the option to re-weigh as follows:
 - ◆ Animal can be provided food and water during this period., but cannot be force fed.
 - ◆ Animal must remain in the barn.
 - ◆ Animal cannot be forcibly drenched, remaining reasonably dry and clean for re-weigh.
 - ◆ Animal must be re-weighed within 30 minutes from the first weigh-in.
 - ◆ If the animal still does not make weight the second time the exhibitor has two options: The animal can be placed in the underweight class and can be shown. The animal will not be eligible for grand or reserve champion or rate of gain champion, nor is it eligible to be sold.
 - ◆ The exhibitor can elect to take the animal back home.
2. **CATCH-IT ANIMALS** that do not meet minimum weight, may submit a request to the Livestock Committee for special approval to sell at the 4H/FFA Livestock sale. Their consideration will be based on the exhibitor's communication throughout the entire catch-it process, and the exhibitor's effort to put weight on their animal. The Livestock Committee's decision will be final. (New Rule 6-21)

GENERAL HEALTH REQUIREMENTS FOR ANIMALS

1. No animals under quarantine can be exhibited.
2. Animals showing signs of infection or contagious diseases will not be allowed to show.
3. Animals that have active ringworm, visible warts, or abscesses, will not be allowed to unload on the Fair Grounds.
4. The inspecting veterinarian may judge the ringworm to be inactive if the lesion is not encrusted and hair has begun regrowth in the area and is so stated on the health certificate.
 - ◆ Animals with warts that are visible by a hands-off inspection will not be allowed to remain on the premises.
 - ◆ Animals that have visible abscesses' will not be allowed to remain on the premises.
5. All animals must meet all brand and health requirements as directed by State Law.

Health Certificates

1. All sheep and goats being exhibited, except withers, need to be individually identified with USDA official Flock ID tags.
2. Under no circumstances may sheep and goats be exhibited which originate from Scrapie-source flocks or Scrapie-infected flocks.

Beef & Dairy Cattle

1. **Tuberculosis** - no test required to exhibit.
2. **Brucellosis** - no test required to exhibit.

Swine

1. See health certificate requirements in Rule 9, 4-H Livestock Policy and in addition to those:
2. Swine shall originate directly from any herd not under quarantine for pseudo rabies and A State IV or V county, or A pseudo rabies qualified herd.

Poultry

1. Health certificate not required for poultry.
2. Poultry will be inspected by a State Veterinarian and may be dismissed from exhibit.

BEEF

Premiums: \$5.00, \$4.00, \$3.00

Blow & Go Beef Show

County Only

1. Grooming of Beef Show Animals: Preparation and grooming of however, assistance may be provided by other 4-H or FFA exhibitors and/or immediate family members.
2. Beef shows including Showmanship, Market Beef and Breeding Beef will be Blow and Go in 2020; animals may be clipped, blown, and brushed or combed to enhance their appearance.

Guidelines for Blow and Go show

1. Beef animals will be shown free of any adhesive, glue, paint, or powder products.
2. Any compounds that have adhesive qualities that when applied cannot be combed or brushed through or alter the color of the animal are forbidden.
3. These products include, but are not limited to, commonly used adhesives and colorants such as Prime Time, EZ Comb, Tail Adhesive, Ultra White Touch Up, Black Touch Up, Black Finisher and black show foam.
4. Alcohol, water, oil, foam, or any water- or alcohol-based products with no adhesive or glue qualities, or artificial colorings are permitted. These products include conditioners and commonly used sprays such as Kleen Sheen, Revive, Final Bloom and white show foam. Paint will be allowed on the hooves and dewclaws only.

Division 600

Beef Showmanship

CLASSES:

- * G600001 Jr Showmanship (8-12)
- * G600002 Sr Showmanship (13-18)

Alternate Showmanship Classes depending on Entry numbers

- * G600003 Jr Showmanship (8-10)
- * G600004 Intermediate Showmanship (11-13)
- * G600005 Sr Showmanship (14-18)

Division-610

Market Beef

CLASSES:

- * G610001 Market Beef--1100 lbs.
- * G610002 Bred and Fed Market Beef
 - ◆ Bred and Fed Market Beef will be defined as: "The exhibitor; exhibitor's immediate family; or if exhibitor's immediate family member's employer owned the female, which is the mother of the market animal project, at the time of conception, and that it was born and fed on the exhibitor's home farm or place of project care."
 - ◆ To enter, exhibitors will submit a "Bred and Fed Market Beef Affidavit" at time of fair weigh-in.
 - ◆ One animal per exhibitor may be shown.
 - ◆ Bred and Fed Market Beef Show will precede the Market Beef show.
 - ◆ Information on state fair is available upon request from the Deuel County Extension Offices.
- * G610003 Market Heifers--1000 lbs.
- * G610004 Feeder Class

Division-612

Breeding Beef

CLASSES:

- * G612002 Cow/Calf Pair
- * G612003 Yearlings
- * G612004 Heifers
- * G612005 Stocker Feeder

Division-614

Bucket Calf

CLASS:

* G614001 Bucket Calf

SHEEP

Premiums: \$5.00, \$4.00, \$3.00

General Sheep Show Rules

1. **USDA Official Identification.** All ewes (market and breeding) must be individually identified with USDA Official ID (part of Scrapie eradication program).
2. This is in addition to 4-H identification.
 - ◆ **Weight and Identification of Market Lambs-** Market lambs will be weighed at fair.
 - ◆ Market lambs will be dry, have all covers removed, and have been sheared within the previous 10 days.

Division-624

Sheep Showmanship

CLASSES:

- * G624001 Jr Showmanship (8-12)
- * G624002 Sr Showmanship (13-18)
Alternate Showmanship Classes depending on Entry numbers
- * G624003 Jr Showmanship (8-10)
- * G624004 Intermediate Showmanship (11-13)
- * G624005 Sr Showmanship

Division 626

Market Lamb

CLASSE

- * G626010 Market Lamb– 100 lbs.
- * G626011 Feeder Lamb

Division 628

Breeding Ewes

CLASSES:

- * G628050 Yearling
- * G628060 Lamb

SWINE

Premiums: \$5.00, \$4.00, \$3.00

Swine Showmanship

Division 616

CLASSES

- * G616020 Jr Showmanship (8-12)
- * G616030 Sr Showmanship (13-18)
Alternate Showmanship Classes depending on Entry numbers
- * G616040 Jr Showmanship (8-10)
- * G616050 Intermediate Showmanship (11-13)
- * G616060 Sr Showmanship (14-18)

Information for State Fair contests available upon request from the extension office.

Division 617

Market Swine

CLASSES

- * G617010 Market Swine - 214 pounds
- * G617011 Feeder Pig

GOAT

Premiums: \$5.00, \$4.00, \$3.00

Division 618

Goat Showmanship

CLASSES:

- * G618001 Jr Showmanship (8-12)
 - * G618002 Sr Showmanship (13-18)
- Alternate Showmanship Classes depending on Entry numbers.
- * G618003 Jr Showmanship (8-10)
 - * G618004 Intermediate Showmanship (11-13)
 - * G618005 Sr Showmanship (14-18)
- Showmanship classes will be combined, if less than 3 exhibitors in each class.

Division 620
Market Goat
CLASSES

- * G620010 Market Goat - 60 lbs.
- * G620011 Feeder Goat

Division 622
Breeding Goat

- * G622010 Meat Goat-Yearling Doe (9-1-2020 to 8-31-2021)
- * G622011 Meat Goat-Yearling (9-1-2020 to 6-1-2021)
- * G622020 Dairy Goat

Rules:

1. All goat's horns must be trimmed to nickel size. No buck goats will be allowed to be shown. All breeds will be shown together.

RABBIT

Premium: \$3.00, \$2.50, \$200

Division-630
Rabbit Showmanship

Rules:

Number of Entries per Exhibitor-A 4-H member is limited to exhibiting 7 rabbits.

CLASSES:

- * G630001 Jr Showmanship, (8-12)
- * G630002 Sr Showmanship, (13-18)

Best Small Animal Showman will be awarded at judge's discretion.

Division 632
Market Rabbit

CLASSES:

- * G632020 - Single Fryer, 3 ½ to 5 ½ lbs., under 69 days old
- * G632030 - Meat Pen, 3 ½ to 5 ½ lbs./under 69 days old
- * G632040 - Roaster, over 5 ½ lbs.

Division 634
Fancy Breed Rabbits

CLASS:

- * G634050 - American Fuzzy Lop, American Sable, Belgian Hare, Britannia Petite, Dutch, Dwarf Hotot, English Angora, English Spot, Florida White, French Angora, Harlequin, Havana, Himalayan, Jersey Woolie, Lilac, Holland Lop, Mini Lop, Mini Rex, Netherland Dwarf, Polish, Rex, Rhinelander, Satin Angora, Silver, Silver Marten, Standard Chinchilla, Tan.

Division 636 –
Commercial Breed Rabbits
CLASS

- * G636060 - American, American Chinchilla, American Fuzzy Lop, Beveren, Californian, Champagne D'Argent, Checkered Giant, Cinnamon, Crème D'Argent, English Lop, Flemish Giant, French Lop, Giant Angora, Giant Chinchilla, New Zealand, Palomino,

Satin, Silver Fox.

POULTRY

Premium: \$3.00, \$2.50, \$2.00

POULTRY HEALTH REQUIREMENTS

Division 638 – Poultry Showmanship

1. All poultry exhibits with Nebraska origin will not require Veterinarian Inspection.
2. Poultry outside of the Nebraska must be from an accredited U.S. Pullorum-Typhoid Clean Flock or accompanied by a negative pullorum-typhoid test within 90 days of the fair.
3. Contact Nebraska Poultry Industries (308) 284-4889, if you need testing services.
4. All birds will be subject to random blood draws during the fair by the State Veterinarian.
5. Please be aware that the vet may come unannounced and may pull random birds for blood testing throughout the fair.

CLASSES:

- * **G638001 Jr Showmanship, (8-12)**
- * **G638002 Sr Showmanship, (13-18)**

Best Small Animal Showman will be awarded at judge's discretion.

Division 640 - Market Poultry, Production Trio

- * **G640020 - Large Fowl** (American, Asiatic, English, Mediterranean, Continental, other Standard Breeds).
- * **G640030 - Bantam Chickens** (Game Class, Single Comb Clean Legged, Rose Comb Clean Legged, All Other Comb Clean Legged, Feather Legged Class, Other Standard Breeds)
- * **G640040 - Ducks** (Heavy Wt., Medium Wt., Light Wt.)
- * **G640050 - Bantam Duck**
- * **G640060 – Goose**
- * **G640070 – Turkeys**

Division 642 Poultry, Individual

- * **G640021-Large Fowl** (American, Asiatic, English, Mediterranean, Continental, other Standard Breeds)
- * **G640031 - Bantam Chickens** (Game Class, Single Comb Clean Legged, Rose Comb Clean Legged, All Other Comb Clean Legged, Feather Legged Class, Other Standard Breeds)
- * **G640041 - Ducks** (Heavy Wt., Medium, Wt., Light Wt.)
- * **G640051 - Bantam Ducks**
- * **G640061 – Goose**
- * **G640071 –Turkeys**

Poultry may be shown in one class only. Poultry shown as part of a trio may not be shown as individuals, except in Showmanship, where the youth is being judged, and not the bird.

ROUND ROBIN

County Only

Round Robin Showmanship Rules

1. Champion Senior Showman from each species (Beef, Swine, Sheep, Goat, and Horse) will be eligible to compete in Round Robin Showmanship.
2. Showman selected as Champion in more than one species must declare which one, they will represent in Round Robin and the next ranked showman will be eligible in remaining species.
3. Each showman will be responsible to provide an animal in their selected species for the competition.
4. Each showman will provide necessary equipment required for showing their selected species.
5. Judge will determine ranking based on showmanship and knowledge of all species. Judge's decisions are final.
6. The Horse that is the Grand Champion Showmanship winner will be

used for Round Robin Competition. If the exhibitor wishes to decline the use of the horse it must be done on the day of the horse show in which case the Reserve Champion horse would be used. If the Reserve is not available, it will be deferred to the Livestock Committee.

Division 655

4-Hers should not pre-register for this class. Class participants will be determined following all species showmanship classes.

CLASS:

- * G655001 Round Robin Showmanship

**2022 DEUEL COUNTY CATCH-IT
ANIMAL PROGRAM**

The Deuel County 4-H Council's Catch-It Program gives youth the opportunity to obtain an animal to show at the following year's county fair. It allows 4-H'ers to get exposure to new animals and helps build a passion in the livestock program. None of this would be possible without the generous help from our volunteers and sponsors.

Particip- pant	Animal	Source	Sponsor
Bradyn Miller	Pig-Sr	Don Regier & Custom Performance Feed Julesburg, CO	Misty & Joe Jackson, Chappell, NE
Jacob Lofton	Pig-Jr	Don Regier & Custom Performance Feed Julesburg, CO	Don Reiger & Custom Per- formance Feed Julesburg, CO
Jed Deletour	Lamb Sr	Lisa Cambell Julesburg, Co	Jason & Andie Cheleen Chappell, NE
Drake Arendsdorf	Lamb Jr	Lisa Camp- bell-Julesburg, Co	John & Tammy Sherman Chappell, NE
Britany Lofton	Goat Sr.	Chimney Rock Farms, Bayard, Ne	Deuel Co. Fair Brd Mem- bers Chappell, NE
Annlyn Wilson	Goat Jr	Chimney Rock Farms Bayard, NE	Jeff & Michele Orgties, Chappell. NE
Bailey VanHorn	Calf Jr	Mitch Sanchez Sterling, Co	Lofton Family, Points West Community Bank, Jon & Connie Carter, Clint & Julie Koenen, CNN Electrical, Ray Ins. Agency, Chappell Feed Lot.
Bryer Wilson	Calf Sr	Mitch Sanchez Sterling, Co	Tim & Julie Bond, Ryder and Bobbie Jenik, Premier Auto Parts& Service, Clint & Julie Koenen, D & J Paving, Missy & Wade Koenen, Frank Cattle Co

DEUEL COUNTY 4-H COUNCIL

Clint Koenen - President
Troy Isenbart - Vice-President
Julie Koenen - Treasurer
Patsy VanHorn - Secretary
Britt Miller – Member
Jason Cheleen-Member
Jake VanHorn-Member
Paul Dykstra-Member
Alicia Adams-Member

Youth- Chase Isenbart & Bradyn Miller

**DEUEL COUNTY
LIVESTOCK COMMITTEE**

Jason Cheleen - President
Kendall Foster-Vice President
Patsy VanHorn - Secretary
Paul Dykstra
Troy Isenbart
Sarah Whiting
Cameron & Britt Miller
Clint Koenen
Jake VanHorn

FAIR SUPERINTENDENTS

Statics-Jenny Foster, Patsy VanHorn
Alicia Adams
Troy Isenbart & Paul Dykstra—Beef
Kendall Foster & Jason Cheleen—Sheep/Goats
Danny Whiting & Ty Kendrick--
Swine
Small Animal
Sarah Whiting & Lynelle Foster

DEUEL COUNTY FAIRBOARD

Jeff Ortgies	Clint Koenen
Teri Doty	Paul Payton
Zada Sauers	Jim Motzkus
Leslie Snell	106 Keegan Brott
Kori Koehler	Haley MaGee

**2022 DEUEL COUNTY FAIR
SCHEDULE OF FAIR EVENTS**

Wednesday, August 10th 6 pm – 8 pm
Open Class Exhibits – Early registration

Thursday, August 11th, 8 am to noon.
Open Class Exhibits – Registration

Grandstand show, 7:30 – 9 pm
Local/Community entertainment

Friday, August 12th
Pancake Feed – 7 am to 10 am
Live Grandstand shows - 7:30 to 9:30

Saturday, August 13th
Beer Garden fenced area
Richard Paulsen Memorial
Ranch Rodeo 2:00 pm
Goodwill BBQ, Saturday, 5 pm
Fireworks show – Saturday at dusk.

Thursday& Friday
Events
Thursday thru Saturday, 5 pm to 7 pm
Kids Games-

**Please view 4-H
“Schedule of Events”
Listed on next page.**

**2022 DEUEL COUNTY FAIR
4-H SCHEDULE OF EVENTS**

TBA

- ▶ Archery Fair Shoot
- ▶ 4-H BB/Air Rifle/Pistol Fair Shoot
- ▶ Fashion Review & Show

Wednesday August 10

- ▶ **9:00 am to 12:00 noon** Exhibit Hall Entries and Interview Judging (Static Exhibits)
- ▶ **6:00 pm** 4-H Trap Shooting

Thursday August 11

- ▶ **7:00 - 9:00 am** -Beef Weigh-in.
- ▶ **9:00—10:30 am-** Swine Goat & Sheep Weigh-in.
(Please do not unload Sheep, Goats & Pigs until all Beef have been processed through scale area.)
- ▶ **10:30 am** Poultry, Rabbit Check In
- ▶ **11:00 am** Registration opens for Jackpot Livestock Judging Contest - Show Arena
(Open to all youth and adults.)
4-H Council Fundraiser. Result by Friday
- ▶ **3:30 pm** Poultry & Rabbit Show-Livestock Arena
- ▶ **6:00 pm** 4-H/FFA Beef Show - Livestock Arena

Friday August 12

- ▶ **8:00 am** 4-H/FFA Swine, Goat, Sheep Show
- ▶ Round Robin to follow.
- ▶ Catch-It Animal program will begin shortly after Round Robin.

Saturday August 13

- ▶ **9:00 am** 4-H Members group pictures—Show Arena
- ▶ **10:00 am** 4-H/FFA Livestock Sale - Livestock Arena
- ▶ The Bidder's & Buyer's Lunch follows sale.
- ▶ **7:00 pm** 4-H and FFA Awards - Grandstand
- ▶ **8:00 pm** 4-H Exhibitors may begin checking out Static Exhibits.
- ▶ **All 4-H/FFA Livestock Exhibitors need to report to barns to clean pens after awards or make arrangements with Barn Superintendents.**

****THE FAIR SCHEDULE
IS SUBJECT TO CHANGE******