

EST 1884

Furnas County Fair

2022 PREMIUM BOOK
JULY 11-16, 2022



NOTICE

To Exhibitors and Patrons

Exhibitors are always expected to give necessary attention to what they have on exhibit and at the close of the fair, take charge of same. Diligence will be used by the officers to prevent loss or injury but in NO CASE will the association be responsible for accidents occurring during the fair.

General Information

Furnas County Lions Club Charities will be on the Midway
from Wednesday, July 13th to Saturday, July 16th
7:00p.m.~ Midnight ~ Kiddie Land closes at 10:30 p.m.

Wednesday night 13th ~ "Family Night" - Armbands \$10 per person

Thursday night 14th ~ Armbands \$25 per person

Friday night, 15th and Saturday night, 16th ~ Armbands \$25 per person

Passes can be purchased at the Midway Ticket Office

Grandstand Performances

Wednesday & Thursday ~ Rodeo - Adult \$8; Children 6 - 12 \$5; 5 & under FREE

Friday ~ Tim Zach Music - Aaron Watson - \$35/per person

Saturday ~ Demolition Derby - \$10/per person; 5 & under FREE

~ Schedule of Events ~

Wednesday, July 6th

9:00 a.m. - Fairgrounds "Clean-Up Day"

Saturday, July 9th

TBA - Clothing & Fashion Show Judging

8:30 a.m. - Family & Consumer Science Judging Contest

4:00 p.m. - Favorite Food Revue

7:30 p.m. - Fashion & Talent Show for the public

Tuesday, July 12th

8:00 - 11:00 a.m. - Entry Day for 4-H Static Exhibits & Open Class Exhibits

*(4-H & Open Class Exhibit Halls open for viewing following judging & displaying of exhibits
and will close at 8pm)*

Wednesday, July 13th

8:00 a.m. - Small Animal, Poultry & Rabbit Show

8:00 a.m. - 12:00 p.m. - Enter Livestock (Pigs, Sheep, Goats, Beef)

10:00 a.m. - 12:00 p.m. - Market Animal Weigh in

3:00 p.m. - 4-H Livestock Judging Contest

6:00 p.m. - Kids' Tractor Pull, Ages 4-12, 7 trophy divisions.

(Sponsored by Beaver City Lions Club)

7:00 p.m.-Midnight - Midway open, Kiddie Land closes at 10:30 p.m.; Family Night

8:00 p.m. - Rodeo by A Rodeo Rose Production (Entries call 308-530-6042)

Thursday, July 14th

10:00 a.m. - 8:00 p.m. - 4-H & Open Class Exhibit Halls open to the public

8:00 a.m. - 4-H Swine Show, Sheep Show, & Goat Show.

(Show order: Clover Kid, Showmanship, Breeding, Market)

7:00 p.m. to Midnight - Furnas County Lions Club Charities on Midway

~ Kiddie Land closes at 10:30 p.m.

8:00 p.m. - Rodeo by A Rodeo Rose Production & Kids Steer Riding

(Steer riding buckles sponsored by the Jim Gustafson Family in memory of their son Jacob)

Friday, July 15th

8:00 a.m. - Beef Show *(starting with Pen of Three, Bucket Calves, Showmanship, Stocker-Feeder, Breeding, Market)*

2:30 p.m. - Round Robin

10:00 a.m. - 8:00 p.m. - 4-H & Open Class Exhibit Halls open to the public

6:00 - 7:00 p.m. - Barbecue at the Blue Ribbon *(Free Will Donation)*

(Sponsored by Beaver City Fireman)

7:00 p.m. to Midnight - Furnas County Lions Club Charities on Midway

~ Kiddie Land closes at 10:30 p.m.

7:45 p.m. - Ak-Sar-Ben Farm Family Awards

7:30 p.m. - Tim Zach - 9:00 p.m. Aaron Watson - \$35/per person

Saturday, July 16th

9:00 a.m. 4-H Livestock Auction *(Sale order: Swine, Beef, Goats, Sheep)*

10:00 a.m. to Noon - Release of 4-H and Open Class Exhibits

7:00 p.m. to Midnight - Furnas County Lions Club Charities on Midway

~ Kiddie Land closes at 10:30 p.m.

7:30 p.m. - Demolition Derby (Fairgrounds Grandstand)

(Sponsored by Beaver City Lions Club)

Saturday, July 30th

8:00 a.m. Horse Show @ Furnas County Fairgrounds



To the People of Furnas County...

The Directors of the Furnas County Agricultural Association take this means to welcome all of the residents of this area to the 2022 Furnas County Fair and wish to express their sincere thanks to all those who have assisted in making this a bigger and better county fair.

We want to acknowledge the support of the Ak-Sar-Ben of Omaha for contributing to a fund for the erection of some permanent buildings on the fairgrounds. Also, we want to thank the County Commissioners for their financial support.

Your board of directors are aware of the trust invested in them and we pledge our most earnest endeavors to continuously promote and conduct a larger and better fair. We want everyone to feel that they are part of this fair. It is truly a countywide project and exists for the benefits of all residents of the county. Your criticisms are invited, and your support and assistance are solicited and will be genuinely appreciated.

FURNAS COUNTY FAIR

JULY 11 - 16, 2022

BEAVER CITY

Board of Directors of the Furnas County Agricultural Society

- Cory Tegtman, Chairman..... Stamford
- Travis Theobald, Sec./Treas..... Beaver City
- Doug Bergman, Member..... Arapahoe
- Bruce Blickenstaff, Member..... Wilsonville
- Steve Hunt, Member..... Beaver City
- Todd Rogers, Member..... Beaver City
- Craig Baily, Member..... Oxford
- Phil McInturf, Member.....Oxford

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4-H/FFA

Placing: All exhibits will be judged and placed according to merit. Purple - superior; Blue - excellent; Red - good; and White - acceptable. The objectives of the project are primarily focused on a high level of individual planning and creativity. **Exhibitors must receive a purple or blue placing before being eligible for a trophy or rosette award.**

General Rules: Any 4-H'er (8 by January 1st of current year) can exhibit at State Fair except in classes where the presences of the 4-H'er is required (i.e. animal exhibits, judging, presentations, fashion revue). They must be 10 years of age by January 1, 2022 for these classes. 4-H/FFA members may exhibit only in project areas in which they are enrolled during the current year's work. 4-H/FFA members are ineligible to exhibit in 4-H/FFA classes if they have reached their 19th birthday before January 1, 2022.

In events where there are two divisions:

Senior Division - 12 years of age or older by January 1, 2022

Junior Division - Under 12 years of age

In events where there are three divisions:

Senior Division - 14 years of age or older by January 1, 2022

Intermediate Division - 11 to 13 years of age

Junior Division - 8 to 10 years of age

PREMIUM CHECKS

The Extension Office will no longer be mailing premium or sale checks. 4-H'ers are responsible for picking their own checks up from the Extension Office. From the day checks are available, 4-H'ers will have 60 days to pick up and deposit the checks or they will be forfeited. If someone other than the 4-H'er or their parent needs to pick up the check, the Extension Office must be notified by the 4-H'er or parent prior to the check being picked up. Exhibitors not enrolled into 4-H by June 15th will forfeit premium money.

PROTEST OF APPEALS PROCESS

- A.) The respective division superintendent has the authority to make the appropriate decisions based on the County Fair Premium Book.
- B.) A committee shall be appointed to serve as a protest group. They will meet daily, if needed to act upon concerns - all protest must be submitted in writing and signed.
- C.) Written protest must be submitted to the County Extension 4-H Educator. The Extension Educator will convene the committee for their deliberation.
- D.) Written protest must include:
 - 1. Number of persons involved
 - 2. Description of the concern
 - 3. Situation and documentation
 - 4. Recommendation for correction
 - 5. Specific action, rule etc. in question
 - 6. Additional persons the committee may contact for clarifications
 - 7. Procedures and/or steps carried out by the person involved prior to submission to the Extension Educator
- E.) The committee will review the written protest. They may discuss the situation with the affected person(s) including the County Fair Superintendent if appropriate prior to making the final decision. The committee will recommend appropriate action to the 4-H Extension Educator in writing. The recommendation of decision will be followed and communicated both verbally and in writing to the group or individual affected.
- F.) When involved in a 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 facilitates for smooth operation of the show and facilitates appropriate processing.
- G.) The show management reserves the right to withhold premium and/or award. The exhibitor may also be excluded from the show if actions warrant.
- H.) The appeals process is limited to the 4-H/FFA exhibitor, parent, or volunteer leader.
- I.) Protests will not be accepted after the exhibit is released from the County Fair.

2022 SUPERINTENDENTS

Elena Stout..... elena.stout@unl.edu Livestock & Static

LIVESTOCK

General Rules: Youth for the quality care of animals (YQCA); All youth who will be exhibiting beef, swine, sheep, dairy, goats, poultry or rabbits at the County Fair will be required to be certified in YQCA.

Entries: Market animal entries must be weighed by an official at the fairgrounds on entry day. To be eligible for premiums in this division an exhibitor must be a FURNAS COUNTY 4-H/FFA member Members may show no more than four animal entries for the same purpose. (A Pen of Three is considered as one entry). All dairy, market and breeding exhibits must be on the fairgrounds by Noon July 13, 2022. Weigh-in of each species will be held from 10:00 a.m. – 12:00 p.m. Exhibits removed prior to release time on July 16th at 10:00 a.m. will forfeit premium money. Stall assignments will be posted on the ends of the barns.

ALL ANIMALS MUST BE SHOWN BY OWNERS UNLESS EXCUSED BY THE DEPARTMENT SUPERINTENDENTS. Substitute showmen must be a Furnas County 4-H/FFA member.

Stalling: Stall assignments will be posted in each barn on the day of check-in. Wood chips will be provided for bedding in the beef barn, but all other species will be responsible for bringing their own bedding.

Clover Kids: Clover Kids may show one (1) animal, in each of the four market areas: Bucket Calf, Market Swine, Sheep or Goat. They must pre-enter for fair; you can get pre-entry forms from your local Extension Office. Clover kids are welcome to show one of their older siblings' animals. Clover kids that have their own animal are asked to bring their animal the day of show and take home the same day. Exhibit will receive a ribbon and a \$2.00 premium.

SHOWMANSHIP CONTEST

(Dairy, Beef, Sheep, Swine, Goat, Horse, Rabbit, Poultry)

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

The contest is open to any 4-H/FFA exhibitor who owns, grooms, fits and shows their animal to the best of their ability. Ribbons and premium money will be awarded to all contestants.

LIVESTOCK JUDGING CONTEST

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

Contest is limited to 4-H/FFA members. Contests will evaluate a class of beef, swine, sheep, and goats. Ribbons and premium money will be awarded to all contestants.

ROUND ROBIN CHAMPIONSHIP

The overall Round Robin Championship Showmanship will be held 2:30 p.m. on Friday, July 15th. Youth who enter showmanship classes will do so with the intent to enter the Round Robin Showmanship if they are selected as class champion. Champion Intermediate and Senior Showmanship winners of the Beef, Sheep, Swine, and Goat Showmanship classes will be eligible to compete in the Round Robin competition. If the Champion is unable to participate, only the Reserve Champion will be invited to participate. Participants of each division will show the same species at the same time and then a rotation will be setup. Four animals will be selected at random and used for both age groups. Selection of Champion will be based upon youth's overall knowledge and ability to show the animal rather than on fitting.

DRESS CODE

4-H/FFA members exhibiting in Beef, Sheep, Swine, Goat, Poultry, Rabbits and Small Animals are required to wear either a 4-H/FFA t-shirt or white shirt with a 4-H Chevron. 4-H Chevrons cost \$3.00 dollars and you may find them at the office on the fairgrounds.

LIVESTOCK SALE

4-H'ers must declare which animals are being sold in the sale at weigh-in or an hour after the livestock shows (only exception is if you receive Grand or Reserve Champion). Base bids will be obtained from buyers for each species. Each 4-H'er will be limited to selling 2 market animals (Market Beef, Market Sheep, Market Swine, Market Goat) through the ring. Other market animals may be sold for the base price. The Livestock Sale Committee will distribute sale checks to each exhibitor. **Each 4-H'er must be present on sale day and sell his/her own animal through the ring. If the 4-H'er cannot be present on sale day, the 4-H'er will need to find a private buyer or can sell for base bid.** The weight that was recorded on entry weigh-in day will be used for the sale weight. If the champion, reserve champion or any animal is not to be sold, it will not be allowed to go through the sale ring. The 4-H Livestock Sale Committee will be the authority for making any final decision regarding the County Jr. Livestock Sale. The 2022 Sale Order: Swine,

Beef, Goats, Sheep.

HEALTH

All animals may be inspected for general health by a veterinarian. Unhealthy animals will not be allowed to remain on the fairgrounds. Any animal found to be infected with an infectious, contagious, or otherwise transmissible disease shall be removed from the fairgrounds. (Transmissible diseases will be determined by a veterinarian.)

HERDSMANSHIP

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

Exhibitors are expected to take pride in their animals and their living space while at home and at the fair. Herdsmanship is very important in the welfare of each animal and should be done in order to keep the animal as comfortable and clean as possible. Herdsmanship is also important at fair to give a nice presentation of the animals to the general public. All livestock exhibitors are automatically entered into the Herdsmanship contest.

Herdsmanship Responsibility: Herdsmanship duties are the responsibility of the **exhibitor**, *not leaders or parents*. It is not required for an exhibitor to be present at all times, but maintaining a clean space is important at all times. Stalls/ pens should be clean with proper bedding between 8:00 a.m. and 8:00 p.m. Herdsmanship is judged for the following species and each species is judged as a separate division: Beef/ Dairy, Sheep, Goat, and Swine. Herdsmanship may be judged anytime between 8:00 a.m. & 8:00 p.m. Herdsmanship will not be judged for each species during their respective show time. 4-H'ers chosen to receive the Herdsmanship Award will receive a coupon for a free dessert at the Blue Ribbon and the "Cleanest Exhibit" sign to display on their pen.

Scoring: Herdsmanship will be scored based on the following areas:

- Cleanliness of pens/stalls, bedding, and alleys
- Cleanliness/ neatness of tack/feed area
- General care of animal (groomed, fed, watered)
- Stall Cards in place and legible
- Club/Name signs (not handed out by Extension Office are welcome, but must be displayed neatly)

- Courtesy and respectful attitude shown by exhibitors to the public, fellow exhibitors, parents, Extension Staff, 4-H Council, Ag Society

DAIRY

Purple \$10.00 Blue \$7.50 Red \$5.00 White \$2.00
 Classes: Brown Swiss (42); Guernsey (43); Holstein (44); Jersey (45)

- G4_010 - Spring Heifer Calves (3/1/22 to 4/30/22)
- G4_020 - Winter Heifer Calves (12/1/21 to 2/28/22)
- G4_030 - Fall Heifer Calves (9/1/20 to 11/30/21)
- G4_040 - Summer Yearlings (6/1/20 to 8/31/21)
- G4_050 - Spring Yearlings (3/1/20 to 5/31/21)
- G4_060 - Winter Yearlings (12/1/20 to 2/28/21)
- G4_070 - Fall Yearlings (9/1/19 to 11/30/20)
- G4_080 - Dry Cow (any age)
- G4_090 - Two-Year-Old (9/1/19 to 8/31/20)
- G4_100 - Three-Year-Old (9/1/18 to 8/31/19)
- G4_110 - Four-Year-Old (9/1/17 to 8/31/18)
- G4_120 - Five-Year-Old & Older (Prior to 9/1/18)
- G4_130 - Junior Dairy Herd

Dairy Herd: Exhibitors in the Dairy Herd Class will enter and show three animals. At least one of the three must be a cow that has freshened and has been fresh long enough to have projected 305-day M.E. At least one animal must be "bred" by exhibitor, and all three must be of the same breed. Only DHIA or DHIR records are acceptable including am/pm programs. Production must be verified by a superintendent. Dairy herds may be either grade or registered. Herds will be scored and awarded herd ribbons on the basis of the current years Dairy Herd scorecard. Each exhibitor is expected to fill out his or her own scorecard and turn it into the office prior to the show.

GOATS

Leah tenBensel - Chairperson

Purple \$10.00 Blue \$7.50 Red \$5.00 White \$2.00

Dairy Goat

- G051010** - Under 5 months
- G051020** - 5 to 8 months
- G051030** - 8 months to year
- G051040** - 1 year - 2 years, non-milking
- G051050** - Under 2 years, milking

G051060 – 2 and 3 years, milking

G051070 – 4 years and over, milking

G051080 – Dairy Goat Herd – Exhibitors must show three animals. At least one must have freshened. One animal must be “bred” by the exhibitor and all three must be of the same breed.

G051090 – Mother-Daughter

Meat Goat

Meat Goats may be Doe or Wether kids and will be shown by weight classes. Animals under 50 lbs. will not be eligible for purple ribbons. Exhibitors are allowed to use halters or collars in the show ring.

Market Meat Goat

G058010 – Meat Goats (Wethers and Does)

CK00001 – Clover Kids

Breeding Meat Goat

G058015 – Yearling Does (born 9/1/20 to 8/31/21)

G058020 – Doe Kids (born 9/1/21 to 6/1/22)

BEEF

Jared Shafer – Chairperson

Purple \$10.00 Blue \$7.50 Red \$5.00 White \$2.00

Market Beef

Market Beef will be shown by weight classes and all breeds will be shown together. Minimum weight for market steers is 950 lbs. Minimum weight for market heifers is 900 lbs. Animals under minimum weight will not be eligible for purple ribbons.

G011040 - Market Steers

G011050 - Market Heifers

G011070 - Pen of Three - animals from pen may show as individuals - must be halter broke.

Stocker-Feeder

Each calf entered must have a certified birth date and must be identified and recorded with the County Extension Office on or before June 15, 2022. Calves must be born between January 1, 2022 and June 1, 2022. Calves entered in this division will be brought to the fair by 8:00 a.m. on July 15, shown on the halter and released any time following the conclusion of the stocker-feeder show. All breeds will be shown together.

G036001 – Female (born Jan. – Feb. 2022)

G036002 – Male (born Jan. – Feb. 2022)

G036003 – Female (born March, April & May 2022)

G036004 – Male (born March, April & May 2022)

Bucket Calves

This project is for 4-H'ers ages 12 and under, as of January 1, 2022. It is a livestock project designed to fit the physical size and the maturity level of younger 4-H'ers. Calves must be born between January 1st and June 1st, 2022. They must be tagged. Please fill out the pre-entry form and have it returned to the Extension Office no later than June 15, 2022. Members may show only one calf.

G026001 – 4-H'ers ages 8 & 9 as of Jan. 1, 2022

G026002 – 4-H'ers ages 10 & 12 as of Jan. 1, 2022

CK00001 – Clover Kids

Breeding Beef

Registered, grade and crossbred breeding cattle may be exhibited. All beef breeding cattle exhibited at the fair must be halter broke and exhibited in assigned stalls. All breeds will be shown together by age.

G023070 – Bull Calves (born after January 1, 2022)

G023080 – Heifer Calves (born after January 1, 2022)

G023010 – Yearling Heifer (born in January/February 2021)

G023020 – Yearling Heifer (born in March/April 2021)

G023030 – Yearling Heifer (born in May/June 2021)

G023040 – Yearling Heifer (born in July/August 2021)

G023050 – Heifer (born in September/October 2021)

G023060 – Heifer (born in November/December 2021)

G023090 – Yearling Heifer (born August/December 2020)

SWINE

Bart Deterding – Chairperson

Purple \$10.00

Blue \$7.50

Red \$5.00

White \$2.00

Market Swine

Market Gilts and Market Barrows will be shown in separate classes, by weight. Market Swine under 215 lbs. will not be eligible for purple ribbon.

G035010 – Market Gilt

G035020 – Market Barrow

G035004 – Pen of Three – Shown as a unit, animals from the pen may be entered as individuals.

CK00001 – Clover Kids

Breeding Swine

G035006 – Female (farrowed after January 1, 2022)

SHEEP

Sam Hunt – Chairperson

Purple \$10.00 Blue \$7.50 Red \$5.00 White \$2.00

Market Lambs

Market Lambs will be shown by weight classes. All breeds will be shown together. Market Lambs under 90 lbs. will not be eligible for purple ribbons.

G031060 – Market Ewe

G031061 – Market Wether

G031003 – Pen of Three – Shown as a unit, animals from the pen may be entered as individuals.

CK00001 – Clover Kids

Breeding Sheep

Sheep born after January 1, 2021 will be classified as lambs. All others will be classified as ewes.

G032013 – Ewe (born after January 1, 2022)

G032014 – Ewe (born during 2021)

G032015 – Ewe (born before January 1, 2021)

G032016 – Ram (born after January 1, 2022)

G032017 – Ram (born during 2021)

G032018 – Ram (born before January 1, 2021)

HORSE

Tracey Hunt, Tresadi & Dustin Preitauer – Chairperson's

Purple \$10.00 Blue \$7.50 Red \$5.00 White \$2.00

**Premium money will be paid on the top three ribbon placing's that a participant receives, no matter how many classes are entered. Exhibitors must receive a purple or blue placing before being eligible for a trophy or rosette award.*

General Horse Show Rules:

Only 4-H'ers **8 – 18 years old before January 1**, will be permitted to enter the horse show. Registration for horse show entries will close at **4:00 p.m. on June 15**. All registrations will be handled through the Extension Office. If a 4-H'er scratches a class, it shall remain scratched. All horses in the show must have had **identification sheets** turned in by **June 15**, of the current year.

- . Rules used will be from the “Nebraska 4-H Horse Show and Judging Guide” (4-H 373), except as noted.
- . All Exhibitors will compete for Junior and Senior Overall Champion Prize & Title. Winners will be determined based on the number of events and ribbon placing during each class in the 4-H show.
- . Winners will be announced at conclusion of show.
- . Any exhibitor may enter only one horse in each class.
- . All ages of exhibitors are determined as of January 1 of the current year.
- . There is no limit to the number of 4-H’ers from the **same** family using a horse for an event.
- . 4-H arm bands must be worn on the left arm, arm bands will be available the morning of the horse show to be borrowed.

G910023 Horse Senior Showmanship (14 – 18 years old by Jan. 1)

G910024 Horse Intermediate Showmanship (11-13 years old by Jan. 1)

G910025 Horse Junior Showmanship (8 - 10 years old by Jan. 1)

Halter Classes

There will be only two (2) halter classes—no matter what the breed, size or age of the horse—a mare class and a gelding class. Weanling stud colts may be shown in the gelding class.

G953004 Mares

G953005 Geldings

Performance Classes

**Junior Division will be exhibitors 8- 12 years of age.*

**Senior Division will be exhibitors 13 – 18 years of age.*

G953006 Senior Pleasure

G953007 Junior Pleasure

G953008 Walk/ Trot – A Junior 4-H’er taking the horse project enters in the walk/ trot class, they are not eligible to enter in Junior Pleasure or Junior Horsemanship.

G953009 Senior Horsemanship

G953009 Senior Horsemanship

G953010 Junior Horsemanship

**Scoring on the above classes will be on performance of the horse, hands, and seat of the rider, appointments and suitability of the rider and the horse.*

G953011 Senior Trail

G953012 Junior Trail

**Scoring on the above two classes will be based on the performance of the horse and rider (will be 10% - 15% on rail work and 75%-80% on work over the obstacles) and on horse service, ability, & soundness.*

G953013 Senior Reining

G953014 Junior Reining

G953016 Junior Barrels

G953017 Senior Barrels

G953018 Junior Poles

G953019 Senior Poles

G953020 Senior Goat Tie (*There will be a 60-second time limit)

G953021 Junior Goat Tie (*There will be a 60-second time limit)

Roping

Break Away roping and team roping will **not** be divided by age (no junior/senior designations). There will be a 60-second time limit for each of these classes. *Note: Refer to pages 81-84 in 4-H 373 "Nebraska Horse Show & Judging Guide" January 2013 rev.

G953022 Break Away Roping - *If a roper intends to use two loops, they may recoil rope or use a second rope tied to saddle. Reminder: A contestant may not break the rope away from the saddle nor by hand nor touch the rope or string after a catch is made. Should a rope dally or not break free, contestant will receive no time or score.

G953023 Header

G953024 Heeler

RABBITS

Erika Hunt- Chairperson

Purple \$10.00

Blue \$7.50

Red \$5.00

White \$2.00

No more than 2 entries per class number. Clover Kids may enter up to 4 total entries, and they will receive special ribbons and \$2.00 premium.

G684001 - Doe (under 6 months)

G684002 - Doe (6 to 8 months)

G684003 - Doe (over 8 months)

G684004 - Buck (under 6 months)

G684005 - Buck (6 to 8 months)

G684006 - Buck (over 8 months)

G684007 - Small Fryer (under 4 lbs.)

G684008 - Large Fryer (4 to 5+ lbs.)

G684009 - Pen of Three – Shown as a unit, animals from the pen may be entered as individuals.

CK00001 – Clover Kids

POULTRY

Erika Hunt - Chairperson

Purple \$10.00

Blue \$7.50

Red \$5.00

White \$2.00

No more than 2 entries per class number. Clover Kids may enter up to 4 total entries, and they will receive special ribbons and \$2.00 premium.

The name of the hatchery where the birds came from MUST be included on the entry tag. Eggs will be judged on shape, color and weight uniformity. Please do not refrigerate eggs prior to checking in the eggs. 4-Hers are limited to exhibiting one (1) dozen of either brown, white or other colored eggs.

SHOWMANSHIP

Basis for judging-showmanship is based on grooming and training of the bird and the appearance and behavior of the exhibitor. The exhibitor must vocally explain the steps in their routine and the merit of the bird. Primarily, showmanship is the skill of the exhibitor in presenting and explaining the bird before the judge. The excellence of the bird is not considered in scoring.

Chicken Classes:

G071001 - Cockerel

G071002 - Pullet

G071003 - Cock

G071004 - Hen

G071005 - Pen (broilers; 3)

G071006 - Pen (egg production; 3)

CK00001 - Clover Kid

Turkey, Geese, & Duck Classes:

G071012 - Tom Turkey

G071013 - Hen Turkey

G071014 - Gander

G071015 - Dame

G071016 - Drake

G071017 - Hen

Eggs

G070015-One (1) dozen white eggs

G070016-One (1) dozen brown eggs

G070017-One (1) dozen other colored eggs

SMALL ANIMALS, PETS, HOBBY BIRDS

Erika Hunt – Chairperson

Purple \$3.00

Blue \$2.50

Red \$2.00

White \$1.00

No more than 2 entries per class number. Clover Kids may enter up to 4 total entries, (no more than 1 exhibit per class) and they will receive

special ribbons and \$2.00 premium. An exhibit is composed of the animal(s) and the cage or tank. The exhibit can contain from one to five animals. The exhibit will be judged as a whole; both animal(s) and the facility in which they are displayed will be considered. The following will be considered in the judging - health of animal, condition of cage, safety of display, appropriate environment, proper food and water facilities, visual aids describing the display, general knowledge by 4-H'er. Exhibits are interview judged. Guinea pigs, gerbils, caged birds, etc. **MUST** be displayed in a cage or tank, which the exhibitor is required to furnish. **4-H'ers showing dog or cat must turn in a copy of the rabies vaccination certificate to the Extension Office June 15th no later than 4:00 p.m.**

G695001 - Caged Bird

G695002 - Guinea Pig

G695003 - Gerbils

G695004 - Other Mammals

G695005 - Birds

G695006 - Reptiles, Fish &
Amphibians

G695007 - Cat - Female

G695008 - Cat - Male

G695009 - Kitten (4 to 8
months)

G695010 - Dog- Female

G695011 - Dog- Male

G695012 - Puppy (under 6
months)

CK00001 - Clover Kids

Static Exhibits

Clover Kids

Clover Kids may exhibit **one entry** per class. Clothing items must be entered in on July 9 for Clothing Construction and Fashion Show for County Fair. Each entry will receive a special ribbon and \$1.00 premium.

Static Livestock Projects (*Please see Livestock General rules on page 10 if you plan on showing livestock.*)

CK99990 – Animal Science Display – Poster or diorama that identifies parts of an animal, identifies what animals eat, or showcases appropriate housing for different species.

CK99991 – Scrapbook - Create a scrapbook that includes pictures of different pets or farm animals. Include information about the animal such as what it eats or what kind of shelter it needs.

The following projects are found in “The Big Book of 4-H Cloverbud Activities.” The book can be purchased at <https://shop4-h.org/products/the-big-book-of-4-h-cloverbud-activities> or stop in the Extension Office.

****Some projects ask Clover Kids to write or type. Parents are encouraged to help Clover Kids write or type their ideas.****

Science and Technology

CK00002 – Make your own thermometer – Create a thermometer with temperatures. Use thermometer pattern and instructions in the book. (**The Big Book of 4-H Cloverbud Activities**) On a separate piece of paper, record 3 temperature readings from 3 different places around the community. (example -temperature readings at a bank or frozen food section in grocery stores) (Pg. 5)

CK00003 – Spinning Pinwheels – Create and decorate a pinwheel. Write or type the following questions and your answers and include them with your pinwheel. (Pg. 13)

1. *Sometimes pinwheels do not work at first. What might make this happen?*
2. *How many ways can you think of to get it to spin?*
3. *Why do you think the pinwheel can spin?*
4. *Can you make your pinwheel spin in the opposite direction? How?*
5. *Do you think the pinwheel will spin if only two wings are pinned down?*
6. *How can wind be a source of energy?*

CK00004 – Kazoo - Create and decorate a kazoo. Write or type the following questions and your answers. (Pg. 20)

1. *Does your humming noise sound different when you use a kazoo?*
2. *What is vibrating on your kazoo?*
3. *Do you think changing the length of the kazoo would change the sound?*
4. *How do you think a larger kazoo would sound and why?*

CK00005- Finding the Water – Create a poster with pictures clipped from magazines, newspapers, clipart, etc. showing the different states of water; **Liquid, Solid, Gas**. On the poster, identify the different states of water. (Pg. 27)

CK00006 – Bubble Art – Using different types of bubble blowers, bubble solution, and food coloring, create an artwork on paper, cardstock, or watercolor paper. Write or type the following questions and your answers. (Pg. 35)

1. *Did different bubble blowers make different types of designs? Why?*
2. *What colors were you able to make?*
3. *How did you make different colors?*
4. *How can you use your bubble artwork?*

Community and Expressive Arts

CK00007- Beading – Create a necklace or bracelet with a variety of different beads and other materials. (Pg. 50)

CK00008 – Stories from Nature – Write or draw events that make up a sequence that happens in nature. For example, a caterpillar turns into a butterfly. Include details such as colors and sounds. Write or draw on 1 sheet of paper or 1 sheet of art paper. (Pg. 52)

CK00009- Explore Games/Sports of Different Cultures – Explore 3 different games/sports from various cultures with 1 game/sport that is popular in the United States. Write each game/sport on an index card. (you will need 4 index cards total.) Answer the following questions for each sport or make up your own fact questions. (Pg. 56)

1. *What is the name of the sport?*
2. *Where is the sport from?*
3. *How many people are on a team?*
4. *Are there unique names for different players? (ex. Quarterback, guard, middle blocker)*
5. *What equipment is used with this sport/game?*

Healthy Lifestyle

CK00010 – Exercise Spinner – Create an exercise spinner out of an 8.5-inch plate. The plate should have 4 or more sections filled with different exercises. (Pg. 59)

CK00011- Healthy Plates – On a paper plate, draw your favorite meal. Make sure to include something from each food group from MyPlate. On a piece of paper, create a menu with each food and which MyPlate food group(s) the food belongs too. Some foods may belong to more than one food group. (Pg. 65)

CK00012 – Safety Poster or Book – Create a safety poster or book with safety information that are important to know. Explain on the poster or in the book why these things are important. (example: Fire safety, why it is important to know your address and phone number, poison safety.) (Pg. 67)

CK00013 – Biscuits – 4 biscuits on a plate from the following recipe: (Pg. 74)

Ingredients

- 2 ¼ cups premixed pancake mix
- 2/3 cup milk

What to do

1. Heat oven to 450 degrees.
2. Stir ingredients until soft dough forms.
3. Turn onto surface dusted with baking mix.
4. Knead 10 times.
5. Roll dough ½ inch thick.
6. Cut with 2 ½ cutter.
7. Place on ungreased cookie sheet.
8. Bake for 8-10 minutes until golden brown.

CK00014- Personal Hygiene Collage – Draw and cut out pictures of things you see showing good personal hygiene (brushing teeth) or the results of good personal hygiene (a bright smile). Title you collage with the good personal hygiene routine that you are sharing in your collage. (Pg. 78)

CK00015 – Seeds for Snacks – Roasted Pumpkin Seeds. At least 1 cup in a self-sealing bag.

Toss dried pumpkin seeds with a little oil and roast in a 250-degree oven for 10-15 minutes. Dried seeds can also be sauteed in a skillet with butter or margarine until their color begins to turn dark. Salt lightly, if desired. (Pg. 83)

Environmental and Earth Science

CK00016 – Miniature Garden or Windowsill Garden – Create a miniature garden or windowsill garden in a small flower box. As your garden grows, continue to observe, and tend to the garden. Enter your garden to the fair with a sheet of your observations. Some questions to consider for you observation sheet: (Pg. 83)

1. *What does a sick plant look like?*
2. *What does a healthy plant look like?*
3. *What could make a plant sick?*
4. *Is the sun important?*
5. *What steps did you do to keep your plants healthy?*
6. *What was one thing you learned with your garden?*

CK00017 – Leaf Rubbing Art – Create an artwork with leaf rubbings on a sheet of paper. (Pg. 87)

CK00018 – Environmental Diorama - In a shoe box, create a beautiful scene from nature. Use magazine pictures or draw your own scenery. Make it 3 dimensional by propping up trees or flowers with a triangle of folded paper. (Pg. 94)

CK00019 – Create a Bumper Sticker – Be an advocate for Earth! Draw pictures or write short messages about keeping the Earth clean. The bumper sticker needs to be the size of a sheet of paper or smaller. (Pg. 94)

CK00020- Make Recycled Paper (Pg. 97)

CK00021 – Dinosaur Discovery – Use your imagination and create a dinosaur. Pretend you have discovered a new kind of dinosaur. Draw a picture of the dinosaur you discovered. On a separate sheet of paper, write or type the following story and fill in the blanks. (Pg. 106)

I made a scientific discovery! I found a fossil of a dinosaur. My dinosaur is named _____. It is ____ feet tall and probably weighs about _____. Some of the things it eats are _____ so it is a _____ eater. For fun, it likes to _____. Some other important information about it is _____.

CK00022 – Identifying Habitats Poster/Book – Choose 3 different animals. Using calendars, magazines, coloring books, or pictures online, create a collage of each animal’s habitat. Each habitat should be no larger than an 8 ½ X 10-inch sheet of paper. Label which animal belongs in the habitat created. (Pg. 113)

CK00023 – Making a Bird Feeder – Create a birdfeeder out of a 2-liter pop bottle or a plastic milk jug. (Pg. 115)

Personal Development

CK00024 – Good Things about Me Chain – Make a long list of good qualities about yourself such as being kind, funny, or hard-working. On 1-inch by 6-inch strips of paper, write one quality from your list. Make a paper chain out of the strips. Try to make a chain a minimum of 20 strips long. (Pg. 134)

CK00025 – Chinese New Year Drums, Japanese Cherry Blossoms, or Cinco de Mayo Maracas – Create one of the 3 items above. Answer the following questions on a separate sheet of paper. (Pg. 137)

1. *What is the history behind your project?*
2. *What are the colors you used? Why?*
3. *Is your project used in a celebration? If so, when is it used?*

CK00026 – Thumb Print Family Tree – On white cardstock, create a family tree with thumbprints. Create thumbprint leaves for family members on both sides of the family. Place thumb prints accordingly, so that families are together. (Pg. 133)

CK00027 – Responsibility – Things I Can Do Myself List/Poster – Create a list or poster of things you do for yourself at home. Examples: Cleaning up your own messes, helping people, saying good things. (Pg. 146)

Citizenship and Civic Education

CK00028 – Create a 4-H Pledge Poster Board (Pg. 157)

CK00029 – Responsibility Calendar – Create a calendar in which you list responsibilities you have for one month. (Pg. 162)

CK00030 – USA Collage – Using construction paper and images out of magazines or off the internet, find various pictures that describe the United States. Pictures can be cut out and glued to construction paper shaped like the United States. (Pg. 166)

CK00031 – Why Elect Me? - Design your own campaign sign on poster board or construction paper. Describe what you like, such as pets, games, sports, food, or music. Draw pictures and color them with markers or crayons. (Pg. 171)

Consumerism and Family Science

CK00032 – Needs and Wants List – Divide a piece of construction paper in half. On one side write NEEDS at the top and the other WANTS.

Make a list under each of things you need and things you want. A minimum of 8 in each category. (Pg. 180)

CK00033 – Cartoon Creations – Create a simple animation by drawing a simple figure many times, changing its expression or position slightly on each page. Use 10-12 small pieces of paper stapled together to make the flip book. (Pg. 184)

CK00034 – Labels, Labels, Everywhere. – Using empty 12 oz cans, design a label that will attract people’s attention. If the label is created for a food product, make sure to add nutrition information. On a separate sheet of paper, answer the following questions: (Pg. 195)

1. Why did you make the label that way?
2. What information is on the label?
3. Does the label get people’s attention?

CK00035 – Weaving – Create a Nature Weaving project or a Tapestry Frame Weaving project. (Pg. 200)

CK00036, CK00037, CK00038, and CK00039 will need to be entered on Clothing Day, Monday, July 12th

CK00036 – Dyeing with Natural Dyes – Dye socks, a towel, t-shirt, or any other fabric using onion skins, boiled beets or canned beet juice, blueberries, plant stems or roots, indigo, or other color stain makers. (Pg. 200)

CK00037 – Tie-Dye - Create a tie-dye t-shirt using one of the following methods: (Pg. 201)

- Basic dying
- String method
- Rubber band method
- Paper clip method
- Freehand method

CK00038 – Pin Cushion Jar (Pg. 205)

CK00039 – Pillow (Pg. 206)

Plants and Animals

CK00040 – Create a Pet – Using newspaper, shoe boxes, paper rolls, milk cartons, yarn, masking tape, construction paper, scissors, and glue, create an imaginary pet. On a separate sheet of paper, tell us about your pet. Answer the following questions: (Pg. 210)

1. What is your pet's name?
2. What does your pet eat?
3. When does your pet sleep?
4. How do you keep your pet clean and groomed?
5. How often does your pet need to see the vet? Why?

CK00041 – Seed Mosaic - Using construction paper, glue, and various kinds of seeds (sunflower, grass, bird seed, beans, etc.) create a mosaic. (Pg. 219)

CK00042 – A Sweet and Seedy Snack – 4 balls on a plate from the following recipe: (Pg. 220)

Materials

- 1 box of sesame seeds
- A bowl
- A spatula
- A wooden spoon
- Mixing cups
- Wax paper
- ½ cup shelled sunflower seeds
- ½ cup honey
- ½ cup peanut butter
- ½ cup cocoa powder

What to do

1. Wash your hands.
2. Mix the sunflower seeds, honey, peanut butter, and cocoa powder in a bowl.
3. Using your hands, roll into ball about 1 inch in diameter.
4. Place balls on wax paper and roll in sesame seeds.

CK00043 – Ant Artists - Demonstrate what you have learned about the parts of ants, ant hills, and their underground tunnel system. Draw an ant colony. Make sure your artwork has the above ground ant hill and surroundings (trees, grass, etc.) the tunnel system under the ant hill, and

several ants. At least one queen ant and one male ant, plus the workers. The ants can be gathering food, playing, or serving the queen. (Pg. 224)

CK00044 – Caterpillars – Create a caterpillar using a cardboard egg carton, markers, crayons or paint, pompoms or wiggly eyes, pipe cleaners, and glue. (Pg. 229)

CK00045 – Plant Pictures – Using paper, crayons, markers and/or colored pencils, draw different parts of plants. Draw pictures of a stem, flower, root, fruit, seed, and leaf. Add additional parts to unique plants. (Pg. 236)

Photography

Rules : Displays – Display exhibits are encouraged for Clover Kid exhibitors. Each display consists of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or mat board. No foam core backing board is allowed. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distracting from the overall display. No titles, captions, or stick-on numbers are allowed. Photos may be mounted vertically or horizontally. Data tags are NOT required.

Ck00046 – Poster – Create a poster on the different types of cameras or camera parts.

CK00047 – Keep It Steady, Keep It Level Display - Photos should capture clear and sharp photos of objects that do not move. (Activity 2, Book 1, Photography Basics)

CK00048 – The Light Makes a Difference- Photos should capture the same scene at morning, afternoon, and evening to show how light changes a photo. (Activity 3, Book 1, Photography Basics)

CK00049 – Directing Light – Photos should capture 3 different angles of light on one subject using a flashlight or other source of light.

CK00050 – What’s the point? – Photos should capture 3 different subjects such as people, houses, pets, or plants that are the clear focal point of the photo. (Activity 9, Book 1, Photography Basics)

Making Food for Me (CK905)

the Making Food for Me Youth manual can be purchased at <https://marketplace.unl.edu/ne4h/4h1650.html> or stop by the Extension Office

CK905001 – Tasting Parties – fill out the appropriate sheet from the Making Food for Me Youth manual while you have one of the following 3: Apple Tasting Party, Vegetable Tasting Party, and Dairy Tasting Party. On a separate piece of paper, number 1-5 and explain the reaction you answered.

CK905002 – Simple Snack Mix

CK905003 - Picture, Poster, or Display about one of the following: Manners, Identifying Utensils, Rainbow of Fruits and Veggies.

A Space for Me (CK906)

Clover Kids should enter something they have made from the “A Space for Me” book. “A Space for Me” can be ordered at <https://marketplace.unl.edu/ne4h/4h200.html> and the “A Space for Me Leader Guide” at <https://marketplace.unl.edu/ne4h/4h201all.html> or stop by the Extension Office.

CK906001 – Treasure Board

CK906002 – Decorated Storage Box

CK906003 – No-Sew Pillow

CK906004 – Suitcase Storage

CK906005 – Storage Rack (Coat Hangers or Hangers)

CK906006 – Laundry Bag or Hamper that has been decorated

CK906007 – Energy Saving Sign

CK906008 – Draft Stopper

CK906009 – Labeled Recycling Box or Container

CK906010 – “Pop Top” Collection Box

CK906011 – Painted Flower Pot or other Painted Container

CK906012 – Painted Picture using the swirl technique

CK906013 – Painted Picture using any technique

CK906014 – Painted Color Wheel

CK906015 – Painted Item or Picture using the sponge painting technique

CK906016 – Decorated Picture Frame

CK906017 – Scratch Art

CK906018 – Wall Hanging using yarn

CK906019 – Other Wall hangings

CK906020 – Informational Poster

Inspire Academy Projects

I906005 – Article 1

I906006 – Article 2

I906007 – Article 3

Clover Kid Speech Contest (CK)

Clover Kid Division: Speech needs to be under 3 minutes. Clover Kids may recite a favorite poem or story.

Clover Kid Modeling/Fashion Show (CK)

The 4-H Fashion Show is an opportunity for youth to showcase their clothing construction. Construction garment contestants are judged on fit, construction, poise, and overall look of the garment on the individual. Your narrative must be turned in to the Extension Office before the Fashion Show. (Turn in date of narrative TBD) The narrative form can be found at <https://extension.unl.edu/statewide/furnas/furnas-county-fair/>

***C410045 - Upcycled Garment** (*Tie Dye or Natural Dye t-shirt CK00036 or CK00037*)

*** C410080 - Extra Garment** (*Tie Dye or Natural Dye t-shirt CK00036 or CK00037*)

Clover Kid Interview Judging (CK) (Furnas Only)

IN10001 – Clover Kid (ages 5-7)

Brown Bag Projects

Brown Bag projects must be created during the current 4-H Year – Created after December 1, 2021. Projects may vary for the year. Projects do not need to be framed. Supporting information is required.

C255001 – Article 1

C255002 – Article 2

C255003 – Article 3

Interview Judging (County Only)

IN10001 – Clover Kid (ages 5-7)

Purple \$4.00 Blue \$3.00 Red \$2.00 White \$1.00

IN10002 – Junior (ages 8-10)

IN10003 – Intermediate (ages 11-13)

IN10004 – Senior (ages 14-18)

Interview judging is optional. Youth will need to sign up for a time to meet with the judge. We will need to know the following for the appointment:

1. 4-Her's name
2. 4-Her's age or Age Division (see above)
3. Project Category
4. Specific Project
5. Fair Time contact number.
6. Time slot that will work for you.

Interview Schedule: Interview judging will be held on the same day as 4-H Project Entry Day. Appointments will start at 10am and must be set up with the Extension Office in advance. Interviews should last around 5 minutes. Please be on time for your scheduled appointment. Each member will be expected to be ready and waiting for their interview with the appropriate Judge. Please be patient and courteous to others during this time. Entry tags will need to be filled out prior to the interview. Make sure you have one entry tag for the project and one entry tag for the interview. Entry tags can be picked up at the Extension Office prior to fair. 4-H Interview Judging preparation information is available at the Extension Office.

Citizenship, Division 120

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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.

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

Please note: 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. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the 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".

Rules:

Supporting Material - All entries must have a statement explaining:

- The purpose of the exhibit
- 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.

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.

A120001 Care Package Display (SF182) This exhibit is a display about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster, PowerPoint or another multi-media program to explain the PROCESS of developing and giving a care package to a service organization. PowerPoint should be saved to a USB/thumb drive. You need to answer the following questions in your exhibit.

1. *How did you select the organization?*
2. *What items did you include in your care package?*
3. *Why did you select those items?*
4. *How did it feel to present your care pack to the organization?*
5. *What did you learn from this experience?*

6. *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. Recordings should be saved as a .wav or .mp3 file; a USB/thumb drive will be accepted.

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

A120008 for 9th-12th Graders Only: Oral Citizenship Essay (SF182) - Addressing the theme "Freedom's Obligations" should be 3-5 minutes. No background music, singing or other enhancement allowed. All essays should be saved as a .wav or mp3 file; a USB/thumb drive will be accepted. Voice tone should be normal and conversational. A copy of the written essay should be attached.

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

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

Seeing i2i

Score Sheet: SF183

A130001 Cultural Fine Arts - can be made of any art media but should symbolize what makes them unique.

A130002 How are We Different? Interview - 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 - 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 - 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 - that is special to your family. Can be a story or essay.

A130006 "This is Who I Am" poem. - a poem written by the 4-H'er that reflects who they are.

A130007 Poster - that depicts what you have learned through the i2i Project.

A130008 Biography - about an historical figure that has made a positive impact on our society or who has made a difference in the lives of others.

A130009 Play Script - written about a different culture.

Heritage, Division 101 & 102

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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

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

Please note: Exhibits are entered at 4-H'ers own risk. We will not be responsible for loss or damage to family heirloom items or any other items in this division.

Displays should not be larger than 22" x 28" wide. If the display 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". Each county

may enter a maximum of 3 exhibits per class from the Family Folklore and/or Foodways projects.

Exhibits must include NAME, COUNTY, AGE & PAST EXPERIENCE (years in Explore Your Heritage, Family Folklore or Foodways projects) on back of exhibit.

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

DIVISION 101, LEVEL I: BEGINNING

Scoresheet SF71

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.

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 A scrapbook relating 4-H history of local club or county compiled by club historian.

A101014 4-H Member Scrapbook A 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.

Heritage Level 2: ADVANCED, Division 102

Scoresheet SF71

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 Family Exhibit 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 to 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. (Must be entered as a DVD or USB.)

A102015 4-H Club/County Scrapbook A scrapbook relating to 4-H history of local club or county compiled by club historian.

A102016 4-H Member Scrapbook A scrapbook relating to an 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.

Photography, Divisions 181 - 183

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.50

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

RULES:

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

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

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

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.

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

1. Printed portfolios should be presented in a 8.5x11 three-ring binder or similar book format. Recommended photo size is 8x10. Matting is not necessary.
2. Digital portfolios may be presented online and must be exhibited along with a single 8.5x11 flyer. Flyers must include a link, URL,

or QR code that takes users (judges and fairgoers) to their online portfolio.

Display Exhibits – At State Fair, display exhibits are only accepted in Level II. Displays consist of three 4x6 photos mounted on a single horizontal 11x14 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).

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

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

Data Tags – Data Tags are required on all print and display exhibits. Data tags are not required for portfolios. Each exhibit must have the appropriate number and level of data tags as outlined below. Data tags should be securely attached to the back of the exhibit. Current data tags and help sheet are available at <https://unl.box.com/v/4h-photography>

A. Level 2 Prints – All Level 2 prints must have a Level 2 Data Tag

B. 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.

C. Level 3 Prints – All Level 3 prints must have a Level 3 Data Tag.

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

PHOTOGRAPHY FOR THE FUN OF IT, DIVISION 183

(County Only) * not eligible for State Fair

Rules: Display exhibits are encouraged for Level 1 exhibitors. Displays consist of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or mat board. No foam core backing board is allowed. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distracting from the overall display. No titles, captions, or stick-on numbers are allowed. Photos may be mounted vertically or horizontally. Data tags are required for each photo in the

display. Use numbers to identify which photo each data tag corresponds with.

Premiums: Purple 3.00, Blue 2.50, Red 2.00, White 1.50

Classes

B183000 Fun with Shadows Display or Print – Photos should capture interesting or creative use of shadows (Activity 4)

B183010 Get in Close Display or Print – Photo should capture a close-up view of the subject or object. (Activity 8)

B183020 Bird’s or Bug’s Eye View Display or Print – Photo should capture an interesting viewpoint of a subject, either from above (bird’s eye view) or below (bug’s eye view). (Activity 10)

B183030 Tricks and Magic Display or Print – Photos should capture visual trickery or magic. Trick photography require creative compositions of objects in space and are intended to trick the person viewing the photo. For example, if someone is standing in front of a flowerpot, the pot might not be visible in the image, making it look as if the flowers are growing out of the person’s head. (Activity 11)

B183040 People, Places, or Pets with Personality Display or Print – Photos should have a strong focal point, which could be people, places, or pets. Photos should capture the subject’s personality or character. Photos may be posed or un-posed. (Activity 13)

B183050 Black and White Display or Print – Photos should create interest without the use of color. Photos should show strong contrast and/or textures. Photos may be captured in black and white or captured in color and edited to black and white. (Activity 15)

B183060 Challenging Photo Exhibit: Telling a Story Display – Exhibit will include three photos which tell a story without words. Photos may show something being created, destroyed, consumed, moving, or growing. Photos should capture the beginning, middle, and end of a single story, project, or event. Display will consist of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or mat board. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distracting from the overall display. No titles, captions, or stick-on numbers are allowed. Photos may be mounted vertically or horizontally. Data tags are required for each photo in the display. (Activity 14)

B183070 A picture story of 4-8 pictures depicting a story. Your story must have a beginning and an end. Pictures may be mounted on any size and color of poster board or in a book format. Captions can be used.

B183080 My Worst Pictures 6 to 10 pictures with a written explanation of why they are your worst pictures. Pictures may be mounted on any size and color of poster board or in a book format.

B183090 Picture Display Entry will consist of three pictures. The 4-H member will exhibit one picture from three different categories. Categories to be selected from include: 1. animal, 2. building, 3. landscape, 4. special effects, 5. still life, 6. sports.

B183100 Photograms an entry will consist of one photogram developed on an 8" x 10" black and white photographic paper, mounted on 11" x 14" cut matting with sandwich backing. Entry will be judged on creativity, use of shapes, texture, black to white color variance, correct exposure, and composition.

LEVEL 2 "NEXT LEVEL PHOTOGRAPHY", DIVISION 181

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.

CLASS B181010 Level 2 Portfolio: 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. 1-page max bio,
2. table of contents,
3. title for each image,
4. year each photo was taken,
5. device make and model used to capture each image
6. reflections for each image.

When writing reflections, youth should focus on what new photography techniques they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.

CLASS B181020 Creative Techniques & Lighting Display or

Print: 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)

CLASS B181030 Composition Display Or Print: Entry will consist of 3 completely different views or angles of the same subject or a print that illustrates one of the following composition lesson in the Level 2 Project Manual (Rule of Thirds, The Golden Photo, Space Tells the Story, Building a Photo, and Capture a Candid Photo. Scoresheet SF87 (Controlling the Image, p. 34-53)

CLASS B181040 Abstract Photography Display or Print: 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)

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

CLASS B181060 Expression Through Color Display: 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)

LEVEL 3, MASTERING PHOTOGRAPHY, DIVISION 182

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. (SF88-SF89)

CLASS B182010 LEVEL 3 PORTFOLIO: 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) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) device make and model used to capture each image, 5) title for each image, and 6) reflections for each image. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.

CLASS B182020 ADVANCED TECHNIQUES & LIGHTING

PRINT: 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)

CLASS B182030 ADVANCED COMPOSITION PRINT: Entry will consist of a print that demonstrates advanced and creative composition techniques. (SF88) (Mastering Photography, p. 34-50)

CLASS B182040 PORTRAIT PRINT: 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)

CLASS B182050 STILL LIFE PRINT: 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)

CLASS B182060 FREEZE/BLUR THE MOMENT PRINT: Photos should capture a subject in motion. Photographers should adjust shutter speed to either freeze or blur the movement. (Activity 11)

Performing Arts/Talent Contest (County Only)

Any 4-H individual or group may enter the performing arts contest. Selections must be performed within a 6-minute time limit. A group must have 3 or more participants. Instrumental, vocal, reading, skit, dance or other categories may be performed in the following classes.

B906001 Group

Purple \$8.00 Blue \$6.00 Red \$4.50 White \$3.00

B906002 Duet

B906003 Individual

Purple \$4.00 Blue \$3.00 Red \$2.00 White \$1.00

COMMUNICATIONS

Static exhibits in this division will be evaluated on clarity of purpose/message in relation to communication, accuracy of information, originality, creativity, evidence of exhibitor’s learning in this area, and educational value of exhibit to viewers.

Public Speaking, Division 902

Purple 5.00 Blue 4.50 Red 4.00 White 3.00

ELIGIBILITY

- Youth must be currently enrolled in 4-H.
- Youth may participate in both the Speech and PSA categories.

Speech General Rules:

- Length of Speeches: Senior Division: 5 to 8 minutes; Intermediate Division: 3 to 5 minutes; Junior Division: 1 to 3 minutes; Clover Kid Division: Under 3 minutes.
- Clover Kids may recite a favorite poem or story.
- Junior speeches must be original and include some component of 4-H.
- Intermediate and Senior speeches must be original and include 4-H as the major component of the speech.

- 4-H public speakers may not use an old speech written by a sibling, other 4-H member, or anyone else.
- Acknowledge the source of information used in the speech. For example, an article from a magazine may be used for reference but should not be quoted directly unless you tell the audience your source.
- Use of visual aids and props are not allowed. (Notes are allowed)
- Dress appropriately. Do not wear costumes or special effect clothing.
- No team speeches are allowed.

Public Service Announcement (PSA) Category Rules

- All PSA's are 60 seconds in length.
- The state theme for the 2021 Public Service Announcement is "Opportunity 4 All", and should be incorporated in the PSA.
- All radio PSAs must promote 4-H and be general enough to be used anywhere in Nebraska at any time of the year.
- All 4-H PSAs must include the following tag line within the last ten seconds of the PSA: "Learn more about Nebraska Extension 4-H Youth Development Program at 4h.unl.edu." The tag line is included in the 60 second time limit. Sound effects and public domain music may be used. Copyrighted material may not be used.
- All PSAs must be the original work of the presenter. Contestants may not use PSA written and provided by the state or national staff.
- No team PSAs are allowed.
- Radio PSA will be submitted electronically as a .wav or mp3 format along with the registration form.

B902001 Clover Kid Division (under 8 as of January 1st of the current year.)

B902002 Junior Division Public Speaking (4-H age 8 & 9)

B902003 Intermediate Division Public Speaking (4-H age 10-13)

B902004 Senior Division Public Speaking (4-H age 14-18)

B902005 PSA

Presentations

Team (per person) - Purple \$5.00 Blue \$4.00 Red \$3.00 White \$2.00

Individual - Purple \$5.00 Blue \$4.00 Red \$3.00 White \$2.00

The 4-H Presentations Contest includes two types of presentations: Illustrated

Presentations and Teaching (Trade Show Exhibit) Presentations.
Illustrated Presentation: all participants must have received a purple rating at a County 4-H Presentations contest.

RULES:

- All participants must be 10 years old before January 1 of the current year.
- A team presentation, consisting of two (2) individuals, may be given for any class; there is no separate class for team presentations.
- Each participant is required to wear one of following during their presentation: the 4-H chevron, the 4-H emblem, or a 4-H shirt.
- Enrollment in the project area in which the participant is making a presentation is not required.

ILLUSTRATED PRESENTATIONS, DIVISION 151

An Illustrated 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.

Participant Requirements:

- 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.

Presentation Topic:

- 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).
- Enrollment in the project area in which the participant is making a presentation is not required.
- 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).

Contest Information:

- The check-in area will contain a refrigerator and a 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.

- 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 fair livestock 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.

Class B151112 - Premier Presenter Contest (SF65)

Class B151113 - Illustrated Presentation (SF65)

B152001 Teaching Presentation Contest: Top two (2) outstanding presentations will be given a \$50 cash award; if awarded to a team, the cash award will be divided among the team members.

TEACHING (TRADE SHOW EXHIBIT) PRESENTATIONS **DIVISION 152**

A Teaching (Trade Show Exhibit) Presentation, given by one (1) individual or a team of two (2) individuals, is a live, interactive, trade show style presentation where youth will continuously engage a constantly-changing/moving audience for 30 minutes by showing and telling them how to do something while answering questions. Multiple (up to 6) Teaching Presentations will be scheduled simultaneously, allowing fairgoers/contest attendees to learn from many 4-H youth at one time. Teaching Presentations are given behind a table amongst 4-H exhibits. Judge occasionally stops to view presentation, ask questions, and observe audience engagement.

Presentation Topic:

Teaching (Trade Show Exhibit) Presentations should engage the audience and teach them about something the 4-H youth is learning through 4-H educational experiences focused on the priorities of college and career readiness, community development, entrepreneurship, food supply confidence, healthy living, leadership development, and STEM (science, technology, engineering, math).

Contest Information:

- Presenters are expected to clean up the areas in which they work.

- Equipment provided includes one (1) table, one (1) easel, electricity, and projector.
- Live animals may be used in the presentation. All fair livestock 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.

Class B152001 - Teaching Presentation Contest (SF66)

Communications, Division 154

Static exhibits in this division will be evaluated on clarity of purpose/message in relation to communication, accuracy of information, originality, creativity, evidence of exhibitor's learning in this area, and educational value of exhibit to viewers.

COMMUNICATIONS, MODULE 2

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

RULES:

Use one or a combination of the experiential activities in the Communications, Module 2 curriculum to create an educational poster or essay sharing with others what you have learned. Topics may include but are not limited to: identifying cultural differences in communication, developing guidelines for internet etiquette, evaluating another person's presentation, identifying communication careers, or preparing a presentation using a form of technology.

Class B154001 - Poster (SF94) Create a poster, measuring either 22"x28" or 24"x36", that showcases what was learned in this project area.

Class B154002 - Essay (SF94) Write an essay (3-5 pages) that showcases what was learned in this project area.

COMMUNICATIONS, MODULE 3

Use one or a combination of the experiential activities in the Communications, Module 3 curriculum to create an educational poster, essay, or digital media sharing with others what you have learned. Topics may include but are not limited to: composing a personal resume, completing research on a speech or presentation topic, identifying ways to reduce risks online, evaluating own cell phone usage and etiquette, critiquing advertisements, and job shadowing a communication professional.

Class B154003 - Poster (SF94) Create a poster, measuring either 22"x28" or 24"x36" that showcases what was learned in this project area.

Class B154004 - Essay (SF94) Write an essay (3-5 pages) that showcases what was learned in this project area.

Class B154005 - Digital Media (SF94) Design a form of digital media (advertisement, flyer, short video or presentation, social media or web page, etc.) that showcases what was learned in this project area. Upload the digital media file to an online location (web site, Dropbox, Google Drive, YouTube, Flickr, etc.) and using the web address of the digital media file, create a QR code (using any free QR code creator, ex. qr-code-generator.com). Print the following on an 8.5"x11" sheet of cardstock: 1) the QR code, 2) 1-3 sentences about what viewers will see when they access the QR code on their mobile device.

Consumer & Family Sciences

Child Development, Clothing, Fiber Arts/Knitting and Crocheting, Consumer Management, Fashion Show, Shopping in Style, & Home Environment.

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

Health (County Only)

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

H910001 Discovering Myself - poster, notebook, or scrapbook.

Include, using any means you wish, information about any of the following topics: peer pressure, nutrition, physical fitness, choosing not to smoke, friendships, disabilities, families, decision making, brain power, understanding advertising, memorizing, behavior, TV violence, self-worth, beliefs, self-talk, stress, study habits, seat belts, home fire safety, first aid.

H910002 Fun with Friends - poster, notebook, or scrapbook. Include, using any means you wish, information about any of the following topics: choosing not to smoke, fitness, physical development, choosing not to use alcohol, conversations, friendships, communication, decision making, values, concept mapping, problem solving, stress, put-downs, jumping to conclusions, values, cultural differences, sports injuries, bicycle safety, or child safety.

H910003 Teen Talk - poster, notebook, or scrapbook. Include, using any means you wish, information about any of the following topics: media images, nutrition, physical fitness, communicating, dating, values, weight control or eating disorders, HIV, depression, behavior, personality, stress, life philosophy, elderly, exercise, traditions, study habits, or time management.

H910004 Preparing for the Future - poster, notebook, or scrapbook. Include, using any means you wish, information about any of the following topics: health habits, skin safety, cancer, dating, relationships, co-dependency, abuse, health screenings, choosing not to use alcohol, problem solving, health decisions, stress, communication, conflict resolution, habits, maturity, goal setting, careers, resumes, work ethic, or advertising.

Clothing

All garments and/ or articles made as part of a clothing project, must be entered on July 9th. Clothing members will receive a judging schedule prior to the 9th. A 4-H'er may have unlimited exhibits per class.

RULES:

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.

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.

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 securely using straight pins or safety pins on the right side of the garment and the hook of the hanger to the left.

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.

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

than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands.

STEAM CLOTHING 1, FUNDAMENTALS

DIVISION 219 – (COUNTY ONLY)

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

Beginning Sewing Exhibits: Exhibits will be simple articles requiring minimal skills. Follow suggested skills in project manual. It is suggested that exhibits be made from medium weight woven fabrics that will sew and press smoothly, flannel/fleece is acceptable. Solid color fabrics or those having an overall print are acceptable. Avoid plaids, stripes, napped or jersey knit. Patterns should be simple without darts, set-in sleeves, and collars. Raglan and kimono sleeves are acceptable.

C219001 Needle Book & Pin Cushion (CF50)

C219002 Pillows (Straight, Square, Diagonal, or Sew Fun) (CF52)

C219003 Bags (CF53)

C219004 Pillowcase (CF51)

C219005 Other Articles from Project – or Project using basic beginning skills.

C219007 Simple pull-on pants/shorts, or skirt or wrap skirt (SF28)

C219008 Simple pullover top/shirt (SF28)

C219009 Simple Vest (SF28)

C219010 Apron (SF28)

C219011 Extra Article (*Not Eligible for State Fair) (SF28)

C219012 Simple Dress

C219013 Upcycled Simple Garment

C219014 Upcycled Accessory

GENERAL CLOTHING, DIVISION 220

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

C220001: Clothing Portfolio (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.

C220002: Textile Science Scrapbook (SF20) – Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 in STEAM Clothing 2: Simply Sewing project manual to identify fabric swatches. Completed textile cards should be placed in an 8 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.

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

BEYOND THE NEEDLE, DIVISION 221

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

4-H members must show their own original creativity.

Class C221001: Design Portfolio (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 (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 (SF26) (eligible for State Fair Fashion Show) - 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 Constructed From Original Designed Fabric (SF26) (Only garments are eligible for State Fair Fashion Show) - 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 (SF25) (Garment eligible for State Fair Fashion Show) - 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 (SF23) (Not eligible for State Fair Fashion Show) - An accessory designed and/or constructed using elements and principles of design and basic skills; can be textile or non-textile based. Example: shoes, strung bracelet/necklace, wire wrapping, scarves, flip flops, design on tennis shoes, 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 (SF23) (Not eligible for State Fair Fashion Show) - 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 (SF33) (Not eligible for State Fair Fashion Show) - Technology is integrated into the garment in some way (For example: LEDs, charging capabilities, sensors, and etc.)

C221010: Wearable Technology Accessory (SF33) (Not eligible for State Fair Fashion Show) - An accessory constructed integrating technology into the accessory (For example: Charging Backpack, Fitness Tracker, and etc.)

STEAM CLOTHING 2, SIMPLY SEWING, DIVISION 222

Purple \$4.00 Blue \$3.50 Red \$3.00 White \$2.00

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 1.

C222001: Design Basics, Understanding Design Principles (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 (SF20) – 4-H Members enrolled in STEAM Clothing 2 may enter a hem 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 (SF21) (not eligible for State Fair Fashion Show) 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 (SF22) (not eligible for State Fair Fashion Show) - 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 (SF23) (not eligible for State Fair Fashion Show) - 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 (SF28) (not eligible for State Fair Fashion Show) vest is acceptable

C222007: Bottom (SF28) (not eligible for State Fair Fashion Show) pants or shorts

C222008: Skirt (SF28) (not eligible for State Fair Fashion Show)-
Scoresheet SF28

C222009: Lined or Unlined Jacket (SF28) (not eligible for State Fair Fashion Show)

C222010: Dress (SF28) (eligible for State Fair Fashion Show) not formal wear

C222011: Romper or Jumpsuit (SF28) (eligible for State Fair Fashion Show)

C222012: Two-Piece Outfit (SF28) (eligible for State Fair Fashion Show)

C222013 Alter Your Pattern (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: 1) how the pattern was altered or changed, 2) why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 2 include: moving darts, merging two patterns together, altering a pattern for a woven or knit material, adding a lining)

C222014 Garment Constructed from Sustainable or Unconventional

[natural or synthetic] fibers (SF32) (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) Fabric/Fibers used in this garment have to be manufactured/purchased, for example: bamboo, banana, corn husk, and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.

STEAM CLOTHING 3, A STITCH FURTHER, DIVISION 223

Purple \$5.00 Blue \$4.50 Red \$3.00 White \$2.00

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 constructed garments only. Wool entries must have the fiber content listed on the identification label.

C223001: Upcycled Garment (SF21) (not eligible for State Fair Fashion Show) 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.

C223002: Upcycled Clothing Accessory (SF22) (not eligible for State Fair Fashion Show) - 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.

C223003: Textile Clothing Accessory (SF23) (not eligible for State Fair Fashion Show) - 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 (SF28) (Eligible for State Fair Fashion Show)

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

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

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

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

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

C223010: Coat, Blazer, Suit Jacket or Outerwear (SF29) (Eligible for State Fair Fashion Show) - A tailored blazer or suit jacket or coat. Wool entries must have the fiber content listed on the identification label to be considered for the Make It with Wool Award.

C223011: Alter/Design Your Pattern (SF31) - (Not eligible for State Fair Fashion Show) Include information sheet that describes: 1) how the pattern was altered or changed, 2) why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 3 include: moving darts, adding a zipper, merging two patterns together, altering a pattern for a woven or knit material, adding a lining, designing your own pattern)

C223012: Garment Constructed from Sustainable or Unconventional [natural or synthetic] fibers (SF32) (Not eligible for State Fair Fashion Show) Fabric/Fibers used in this garment have to be manufactured/purchased, for example: bamboo, banana, corn husk, and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.

EXTRA GARMENTS

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.50

C239001 Clothing - members are eligible to enter one item in this class in addition to items in the project area. Can be any human wearing apparel the member has made during the current year that is a result of 4-H clothing project work. (*County only*)

Fashion Show

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.50

The 4-H Fashion Show is an opportunity for youth to showcase their clothing construction and consumer management skills. Construction garment contestants are judged on fit, construction, poise, and overall look of the garment on the individual. Your narrative must be turned in to the Extension Office before the Fashion Show. (Turn in date of narrative TBD) The narrative form can be found at

[https://extension.unl.edu/statewide/furnas/furnas-county-fair/Shopping In Style](https://extension.unl.edu/statewide/furnas/furnas-county-fair/Shopping%20In%20Style) contestants are judged on garment fit, the overall look of the outfit, and poise, as well as record keeping skills in the written report.

Judging – Date, Time and Location TBA – Those 4-H members modeling constructed garments will be judged for Construction/Fit and Selection/Creativity before modeling on the public stage and will be judged for Individual Modeling/Accessories while on stage.

****Shopping in Style** - Those 4-H members modeling purchased garments will be judged on stage for modeling skill, fit, and appearance of the outfit and accessories. Judging on stage is worth 60% of the score. Judging of the completed written report **Form SF184**, revised 2/2018. The written report **Form SF184**, revised 2/2018 is worth 40% of the total score and is judged on content, completeness, accurate information, and neatness.

Classes:

* **C410002 - STEAM Clothing I** (*County Only*)

C410010 - Modeled “Beyond the Needle” Embellished Garment(s) 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 Garment(s) - Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.

C410025. Modeled “Beyond the Needle” Wearable Technology Garment-Garment has integrated technology into its design.

C410030 - Modeled Constructed STEAM Clothing 2 Garment(s) 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
- Romper or Jumpsuit
- 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 Garment(s) - Possible types of STEAM Clothing 3 garments include: (SF 117)

- Dress or formal; OR
- Skirted Outfit Combination (skirt with top, vest, lined/unlined jacket OR jumper and shirt) A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts.; OR

- Pants or Shorts Outfit Combination (pants or shorts with top, vest, lined/unlined jacket) A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts.; OR
- Romper or Jumpsuit; OR
- Specialty Wear (swim wear, costumes, western wear-chaps, chinks, riding attire or hunting gear); OR
- Non-tailored Lined or Unlined Jacket or Coat, additional pieces with jacket or coat may either be constructed or purchased.; OR
- Tailored Coat, Blazer, Suit Jacket, or Outerwear. Additional pieces with coat, blazer, jacket or outerwear may either be constructed or purchased.

C410050 - Modeled Knitted or Crocheted Clothing (Level 2 or 3)

(SF117) - Knitted garment using pattern stitches such as diamond, block, twist or seed/moss stitches or advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle. Crocheted garment using pattern stitches such as texture, shell, cluster or mesh stitches or advance crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches. The garment can be a sweater, cardigan, dress, coat, a top and bottom, or a two-piece ensemble.

C410060 - Modeled Shopping in Style Purchased Outfit and Written Report SF184

- Participants must be enrolled in the Shopping in Style 4-H Project to enter. The curriculum is developed and designed for youth ages 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.

* **C410045 - Upcycled Garment** *(County Only)*

* **C410080 - Extra Garment** *(County Only)*

Life Challenge Event (County Only)

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

Event will be held during Clothing and Fashion Show judging at the Ella Missing Building and is open to all 4-H members regardless of project enrollment. The Life Challenge contest is designed to help 4-H'ers learn more about issues related to Family and Consumer Sciences while developing their problem-solving skills. The Life Challenge Contest consists of 2 tests: Placing Questions Test and Verbal Reasoning Test.

Fiber Arts

All knitted and crocheted items will be displayed in the clothing area and will be judged before fair at clothing and construction judging.

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

RULES:

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

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

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

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.

Knitting, Division 225

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.50

*** All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. **Scoresheet SF60 for all classes***

All knitted items will be displayed in the clothing area.

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

Each knitted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:

1. 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)?)
2. What steps did you take as you worked toward your goal(s)?
3. What were the most important things you learned as you worked toward your goal(s)?
4. Gauge-Number of rows per inch; number of stitches per inch.

5. Size of needles, finger knitted, arm knitted, loom or machine knitted.
6. Kind of yarn – weight and fiber content.
7. Names of stitches used.
8. Copy of directions.

KNITTING UNIT 1 (COUNTY ONLY)

C225025 - Little Purse

C225026 - Holiday Bell

C225027 - Ribbed Hat

C225028 - Ski Band

C225029 - Covered Hangers

C225030 - Dish Cloth

C225031 - Teddy Bear Sweater

C225032 - Other Article

KNITTING UNIT 2 & 3

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

C225002 Level 2 Knitted Home Environment Item - 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 (Clothing or Home Environment Item)

C225004 Loom Knitted Item (Clothing or Home Environment Item)

C225010 Knit One/Add One (County Only) - knitted garment using Level 2 stitches (see above) combined with a sewn or purchased garment to make a complete wearable outfit.

C225005 Level 3 Knitted Clothing (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.

Class 225006 Level 3 Knitted Home Environment Item - 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.

Class 225007 Level 3 Machine Knitting

C225020 Knit One/Add One (County Only) - knitted garment using Level 3 stitches (see above) combined with a sewn or purchased garment to make a complete wearable outfit.

Crochet, Division 226

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.50

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

Scoresheet SF61 for all classes

All crochet items will be displayed in the clothing area.

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

Each crocheted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:

1. 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))
2. What steps did you take as you worked toward your goal(s)?
3. What were the most important things you learned as you worked toward your goal(s)?
4. Gauge and size of hook or type of crocheting tool.
5. Kind of yarn – weight and fiber content or other material used.
6. Names of stitches used.
7. Copy of directions.

CROCHET UNIT 1 (COUNTY ONLY)

C226025 - Place Mats

C226028 - Hot Pad

C226026 - Crocheted Bag

C226029 - Pillow

C226027 - Cap/Scarf/Mittens C226030 - Other Comparable Article

CROCHET UNIT 2 & 3

C226001 Level 2 Crocheted Clothing (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 - Crochet item using basic stitches [including: chain, single, double, half-double, treble] to form patterns

C226010 Crochet One/Add One (County Only) - crochet garment using pattern stitches (see above) combined with a sewn or purchased garment to make a complete wearable outfit.

C226003 Level 3 Crocheted Clothing (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 - Crochet item using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

C226020 Crochet One/Add One (County Only) - crochet garment using pattern stitches (see above) combined with a sewn or purchased garment to make a complete wearable outfit.

Shopping in Style, Division 240

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.50

If exhibit is a poster, it should be on 14" x 22" poster board. If a three-ring binder is used it should be 8 ½" x 11" x 1". 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.

C240001 Best Buy for Your Buck (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). 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
- Provide 3 color photos of you wearing the garment; front, side & back views
- Conclusion or summary statement(s) stating your final comments on why you selected your "best buy for your buck."

C240002 Best Buy for Your Buck (SF84) (Ages 14-18 before January 1 of the current year) Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). **DO NOT include the Shopping in Style Fashion Show**

Information Sheet in your entry. Although both entries do share some information, there are differences in content and format for this class.

Provide details listed for those ages 10-13 plus include the following additions:

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

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

C240004. Show Me Your Colors (SF89) - Select 6-8 color photos of you wearing different colors. Half should be what you consider to be good personal color choices and half should be poor personal color choices. Write a brief explanation with each photo describing your selections. Refer to the manual page 23 for more information. Entry should be a poster (see general information).

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

C240006. Mix, Match, & Multiply (SF90) - Using this concept from page 32 of the manual take at least 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).

Consumer Management

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

ATTENTION SHOPPERS (COUNTY ONLY)

(Ages 9 and Under)

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.50

C244001 Clothing Wardrobe Inventory - list five items in your clothing wardrobe. What one garment would you add to your wardrobe that would help you to mix and match what you already have to extend your wardrobe? Explain what you need to think about and consider when you select this item. Consider creativity and style in your story. Your wardrobe inventory entry may be a picture poster, a video style show with explanation, a written story, an audio tape, etc.

C244002 Clothing Interview - interview an older person and talk about the fads or fashions of the time when they were young OR interview a person from another culture and find out how their dress and fashion may differ at school, special occasions (such as weddings, graduations, birthdays, religious events, etc.). How do those items differ or are they the same as what you wear? OR interview a person who wears special types of clothing for their job. Find out how these clothes differ from the ones they wear away from the job, what makes them different, why are they necessary to wear, etc. Consider creativity and style in your story. Include a picture of the person you interviewed in their special type of clothing. Your interview entry may be a picture poster, a written story, audio tape, or video tape with explanation.

C244003 Experience Buying - buy a complete outfit for less than \$75. Your entry must include the hang tags (if available), information from fiber content and care labels and a story about what you considered when you purchased the outfit. Do NOT include the clothing as part of your entry. Your buying experience may be a picture poster, a video tape, a written story or an audio tape. Consider creativity and style in explaining your story.

C244004 You Be the Teacher - share with others what you learned in this project. Exhibit may be a poster (not to exceed 22"x28"), a notebook, or a small display of an educational nature. May include information like sorting clothes before you wash, clothing first aid, fad or fashion, etc.

Human Development, Division 200

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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

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.

<http://www.education.ne.gov/OEC/elg.html>

INFORMATION SHEETS

Classes 1 – 6 & Class 8: Final ribbon placing of the exhibit will include the completeness and accuracy of this information sheet.

Information sheets for Classes 1 - 6 should include:

1. Where did I get the idea for this exhibit?
2. What decisions did I make to be sure the exhibit is safe for child to use?
3. What age is this toy, game or activity appropriate for and why? (Infant, Birth-18 mths; Toddlers, 18 mths-3 yrs; Preschoolers, 3-5 yrs or Middle Childhood, 6-9 yrs.) 4-H'ers must give at least 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).

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.

C200001 - Social Emotional Development (SF30)

C200002 - Language and Literacy Development (SF30)

C200003 - Science (SF30)

C200004 - Health and Physical Development (SF30)

C200005 - Math (SF30)

C200006 - Creative Arts (SF30)

C200007 - Activity with a Younger Child (SF115) Poster or scrapbook showing 4-H'er working with a child age 0 to 8 years. May show making something with the child, or childcare or child interactions. May include photos, captions, story or essay. Size of exhibit is your choice. Other people may take photos so 4-H'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:

- 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.

DEPARTMENT C-200 may enter:

C200009 - Family Involvement Entry (SF 115) 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.

GROWING ALL TOGETHER (2 or 3) may enter:

C200010 - Growing with Others Scrapbook or Poster (SF115).

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

school scrapbook showing yourself and your school activities, memories, and special interests.

C200011 - Growing in Communities (SF115) Scrapbook or poster.

Examples: A career study. A photo story about your own growth and development, not only physically but emotionally, socially, spiritually, 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.

My Financial Future, Division 247

Scoresheet: SF247

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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.

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?

C247007 Interview - 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 - 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.

Quilt Quest

Purple 6.00 Blue 5.00 Red 4.00 White 3.00

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

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

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

Rules:

- A. All entry cards and support information must be attached using a safety pin. No straight pins.
- B. When judging Quilt Quest exhibits, the judges consider **SF209 "Standards for Judging Quilts and Quilted Items."**
- C. For all classes, 4-Hers can choose fabrics for the quilt by selecting fabric from fabric bolts. 4-Hers 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-Hers find it difficult to cut narrow strips with a rotary cutter and ruler, so this fabric selection may make it easier as they learn.
 - **Honey Buns** are made like 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 line.
 - **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-Her must cut out all of 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 particular 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.

Class 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, and construction, math-conversion of quilt patterns, textiles/fabrics, computerization, and 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, PowerPoint, Prezi, DVD, YouTube, or other technique. All items in an exhibit must be attached together and labeled. NO quilted items should be entered in this class.

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.

QUILT DESIGN OTHER THAN FABRIC

RULES: Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete 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>

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

BARN QUILTS

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

Class 229021 (SF208B) - Barn Quilt created that is less than 4'x4'.

Class 229022 (SF208B) - Barn Quilt created that is 4'x4' or larger.

QUILTED EXHIBITS

Classes 50 – 52 Pieced quilts made up of squares and/or rectangles (SF208A)

Class 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.

Class C229051 Medium - length + width = 61" to 120"

Class C229052 Large - length + width = over 120"

Classes 60 – 62 In addition to any of the methods in classes 50–52, quilts may have triangles, and/or may be embroidered. (SF208A)

Class 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.

Class C229061 - Medium - length + width = 61" to 120"

Class C229062 - Large - length + width = over 120"

Classes 70 – 72 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)

Class 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.

Class C229071 - Medium - length + width = 61" to 120"

Class C229072 - Large - length + width = over 120"

PREMIER QUILT

Classes 80 – 83

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.

Class C229080 (SF208A) - Hand quilted

Class C229081 (SF208A) - Sewing machine quilted

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

Class C229083 (SF208A) - Long arm quilted—computerized

Home Environment

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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

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.** **Exhibits made from kits are also discouraged as kits limit decision making in the design process.**
- 3.) Items should show creativity and originality, along with the application of design elements and principles. **Youth are required to include the design elements and principles they used along with simple explanation of how they designed their project with their exhibit.** Information on the elements and principles of design may be found in the Design Decisions manual, as well as Portfolio Pathways and Sketchbook Crossroads.
- 4.) Entered in correct class: What medium was changed or manipulated? What medium is the majority of your exhibit made from?
- 5.) Items should be ready for display in the home: pictures framed, wall hangings and pictures ready to hang etc. No single mat board or artist canvas panels allowed. Wrapped canvas (if staples not visible on edge) is accepted without framing. Make sure hangers are strong enough to support the item. Command strips are not adequate hangers. Items not ready for display will be dropped one ribbon placing.

- 6.) Items should **not** be made for beginning level or other projects (ex: simple (10 minute) table runners or woodworking). Exhibits from the beginning level project, 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 ABLE TO 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 on the 4-H State Fair website:
<https://unl.box.com/s/8tlog5jhw8fa2cztvrh6y71pq1rp8e6v>
****Exhibits without supporting information will be dropped a ribbon placing.**

CREATIVE HOME ENVIRONMENT (COUNTY ONLY)

(Enter up to 3 items per class, must have different learning experience)

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

C265001 - Ceramics

C265004 - Inspire Academy

C265002 - Mixed Media

C265005 - Fleece Blankets

C265003 - Nature Materials

BROWN BAG PROJECTS

Brown Bag projects must be created during the current 4-H Year – Created after December 1, 2021. Projects may vary for the year. Projects do not need to be framed. Supporting information is required.

C255001 – Article 1

C255002 – Article 2

C255003 – Article 3

DESIGN MY PLACE, DIVISION 254 (COUNTY ONLY)

Scoresheet SF200

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

C254100 Needlework accessory (made with yarn or floss)

C254200 Simple fabric accessory (pillow, laundry bag, pillow case, table runner, etc.)

C254300 Accessory made from original batik or tie dye.

C254400 Simple accessory made by 4-H'er using wood, plastic, glass, clay, or paper.

C254500 Storage item made or recycled.

C254600 Bulletin or message board.

C254700 Metal Tooling or Metal Punch Accessory.

C254800 Problem Solved: Used creative method to show how you solved a problem (air quality, water, sound, temperature, lighting, fire escape plan, etc.)

C254900 Video showing how to make a bed or organize a room.

HEIRLOOM TREASURES/FAMILY KEEPSAKES, DIVISION 256

Purple \$6.00 Blue \$5.00 Red \$4.00 White \$3.00

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.

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.

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

C256002 An article either a repurposed "treasure" (accessory) from an old item or an old "treasure" (accessory) refinished or

renovated (SF205). May include a display of a collection or collectibles, being careful not to destroy value of the collection.

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

C256004 Cleaned and Restored Heirloom Accessory or Furniture (SF205) - A reconditioned and cleaned old piece of furniture or accessory that is functional for use or display. Item might be cleaned and waxed, and simple repairs made. Item would not be refinished or repainted, but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. Consult extension publication Care and Conservation of Heirloom Textiles for information on textiles. (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.

** Item or article should be of complexity suited to an advanced project.

DESIGN DECISIONS, DIVISION 257

Purple \$3.50 Blue \$3.00 Red \$2.50 White \$1.00

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. Attach information to explain steps taken.

Information must also include element or principle of design used (P 9-12)

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

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 (SF201) – Identify a problem (as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.) OR, *explore and 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.*

C257003 Solar, wind, or other energy alternatives for the home (SF201) - can be models, either an original creation or an adaption of

kit. If kit, label and explain what was learned and how the item could be used in or on exterior of the home.

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 a quilt, comforter, bedspread, dust ruffle, pillow sham, canopy, etc. For quilts, state who did the quilting. (No tied fleece blankets.)

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. No fleece tied exhibits.

C257012: Accessory - 2D (SF200)

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

C257014: Accessory – Original Floral Design (SF200)

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

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

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

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

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

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

C257021 - Furniture - Wood Opaque finish (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, slip-covers, headboard, etc.

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

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

VISUAL ARTS

RULES:

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

SKETCHBOOK CROSSROADS, DIVISION 260

Purple \$3.50 Blue \$3.00 Red \$2.50 White \$1.00

Use techniques from manual or comparable techniques. Attach information to explain steps taken. Information must also include element or principle of design used. (p. 8-9) **Scoresheet SF200: Classes 1 - 10**

- 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. 37-39)**
- C260007 - Home accessory made by weaving (p. 40-47)**
- C260008 - Home accessory made with fabric exhibitor has dyed (p. 48- 50)**
- C260009 - Original sculpted or hand thrown 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.

PORTFOLIO PATHWAYS, DIVISION 261

Purple \$3.50 Blue \$3.00 Red \$2.50 White \$1.00

Use techniques from manual or comparable techniques. Attach information to explain steps taken. Information must also include element or principle of design used. (p. 8-9) **Scoresheet SF200: Classes 1-7**

- C261001 - Original acrylic painting** based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 12-13)
- C261002 - Original oil painting** based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 26-33)
- C261003 - Original watercolor** based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 14-17)
- C261004 - Original sand painting** based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 20-21)
- C261005 - Original encaustic painting** based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 34-35)
- C261006 - Home accessory made with any printing technique in Pathways Unit II.** (p. 36-56)
- C261007 - Original mixed media accessory** - An art exhibit using a combination of two or more different media or materials. One media must be included in another Portfolio Pathways class. (ex. watercolor and graphite)
- C261008 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 – solar printing; making prints using shed snakeskin or plant; an acrylic, oil; 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.

Forestry

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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

RULES:

- 1.) The official reference for all forestry projects is the Tree Identification Manual (4-H 332) 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).
- 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 that 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 of 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.

D320001 Design Your Own Exhibit Prepare an educational exhibit about some aspect of trees, forests, or forestry that is of special interest to you. Possible topics include paper recycling, wildfire, forest products, forest wildlife, or forest pests. The only requirement is that the display must be no larger than 24 inches by 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:
 1. Common name
 2. Scientific name
 3. Leaf type
 4. Leaf arrangement (for broadleaf trees)
 5. Leaf composition (for broadleaf trees)
 6. Collector's name
 7. Collection date
 8. Collection location (be specific, state and county at a minimum)If a twig is included with a sample, indicate "twig included" on the label. For example, the twig may be included with an eastern red cedar sample because the leaves are very small and difficult to remove from the twig.

**Supplemental information, e.g. general uses, common products, fall color, etc., may be included to enhance educational value.

D320003 Twig Display the twig display must include twig samples from at least 10 different tree species. The display must include at least two samples of opposite and alternate leaf arrangements from broadleaf trees.

- **Collection:** Twig samples should be collected during the dormant season (November – April) when the buds are mature. Twig samples must be at least 6 inches long and exhibit buds. Leaves must be removed, and side branches must be trimmed to less than 1 inch in length. All collection must be done by the exhibitor.
- **Mounting:** Twigs must be mounted on a display board. Any method, e.g. wire, glue, tape, staples, plastic bags, etc., may be used to mount twigs, but be sure all features can be clearly identified. The non-terminal end must be cut at a slant so the pith can be seen.
- **Labeling:** The label for each sample must include:
 1. Common name
 2. Scientific name
 3. Leaf arrangement (for broadleaf trees)
 4. Collector's name
 5. Collection date
 6. Collection location (be specific, state and county at a minimum)

**Supplemental information, e.g. general uses, tree characteristics, etc., may be included to enhance educational value.

D320004 Seed Display the seed display must include seed samples from at least 10 different tree species.

- **Collection:** Tree seeds should be collected at the time of year when they mature, which varies widely depending upon tree species. For example, Silver maple seeds mature in May while red oak acorns do not mature until September. Seed samples should be free of insect or disease symptoms. Remember to display seeds, not fruit. For example, the seed of honey locust is enclosed in a pod. Remove and display the seed, not just the pod. It is acceptable to display the fruit with the seed, but clearly label each. All collection must be done by the exhibitor.
- **Mounting:** Seeds may be displayed in a variety of ways, e.g. mounted on a display board, displayed in jars in a rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.
- **Labeling:** The label for each sample must include:
 1. Common name
 2. Scientific name
 3. Type of fruit, if known (e.g. samara, pod, nut, legume, etc.)
 4. Collector's name
 - 5.

Collection date 6. Collection location (be specific, state and county at a minimum)

**Supplemental information, e.g. maturity date, 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**
 1. Common name
 2. Scientific name
 3. Wood type (softwood or hardwood)
 4. Collector's name
 5. Collection date
 6. collection location (be specific, state and county at a minimum)

**Supplemental information, e.g. common products, wood density, etc., may be included to enhance education value.

Class D320006 Cross Section a disc cut from a tree species listed in 4H 332. The sample must be collected within 1 year of the state fair judging day. The disc must measure 6 to 12 inches in diameter and 1—3 inches thick. The bark should be firmly attached, which may be difficult if the tree was dead when the disc was cut. Sand at least one side of the disc so the grain can be easily seen. If the disc is treated with a clear finish, both sides must be treated to minimize warping. As the disc dries, some cracking or checking can be expected and is allowed.

- **Labeling:** The following parts must be clearly and accurately labeled on the cross section with pins, paper tags, or some other form of identification: 1. pith 2. Heartwood 3. Sapwood 4. One growth ring (beginning and end) 5. Cambium 6. Bark
On a separate label attached to the back of the disc must include:
 7. common name
 8. Scientific name
 9. Tree classification (softwood or hardwood)
 10. Age (of the cross section)
 11. Collector's name
 12. Collection date
 13. collection location (be specific, state and county at a minimum)

D320007 Parts of a Tree (**this project is only for ages 8-11*)

Prepare a poster, no larger than 24 inches x 24 inches that clearly identifies the main external parts of any tree: 1. Trunk 2. Crown 3. Roots 4. Leaves 5. Flowers 6. Fruit 7. Buds 8. Bark Identifying other internal parts, e.g. phloem, xylem, cambium, annual ring, pith, etc., is optional. Attach a separate label on the back of the poster that includes the exhibitor's name and age.

D320008 Living Tree Display a living tree seedling grown by the exhibitor from seed in the display container. The seed must be from a species listed in 4H 332. The seedling must be 60 days to 1 year old (on State Fair judging day). The display container must contain at least 8 inches of soil (potting mix or suitable natural soil), have drainage holes (s), and a drain pan to catch drainage water.

- **Labeling:** A waterproof label must be attached and include:
 1. Common name
 2. Scientific name
 3. Seed treatments (if any)
 4. Planting date
 5. Emergence date
 6. Collector's name.

**Supplemental information about the tree, e.g. where the seed was collected, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, etc. to enhance educational value. Supplemental information will be an important factor in judging.

D320009 - Forest Product Display - Prepare a visual display and/or collection tracing the origin of one non-lumber product that comes from trees and/or forests. The display must be no larger than 24 inches 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.

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

D320010 - Forest Health Display - Prepare a visual display outlining a specific forest health issue such as 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 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 information.

Conservation & Wildlife

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

(Bird Behavior, Fishing, Wildlife Conservation, Wildlife Habitat & Amphibians)

Guidelines:

Show What You Did and Learned - All exhibitors will show evidence of

their personal field experiences 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.

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

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

Wildlife and Wildlife Laws - "Animal" or "wildlife" in the following classes includes wild fish, amphibians, reptiles, birds, or mammals. Please make sure you are following all appropriate wildlife laws.

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

outdoornebraska.gov/afterschool/ and www.whep.org.

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.

WILDLIFE AND HOW THEY LIVE, DIVISION 340

Wildlife and How they Live (Classes 1-4) 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.

D340001 Mammal Display (SF154)

D340002 Bird Display (SF154)

D340003 Fish Display (SF155)

D340004 Reptile or Amphibian Display (SF156)

D340005 Wildlife Connections (SF157)

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:

1. 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.

2. Show the role of predators, scavengers, insect eaters, or others in nature.
3. Show how wildlife numbers (populations) change through the year.
4. Show predation, competition, or other behavioral interactions of wildlife.
5. Choose one kind of wildlife and make observations through a season or year, keep notes of interactions, then make a display of what you saw.

D340006 Wildlife Tracks (SF158) Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. There are 3 options. For all options, include a brief description of your experiences in making the tracks so the judges better understand what you did and learned. Positive casts (impressions as they would be in nature) are preferred, but not required.

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 (SF159) Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife conservation or shooting sports related knowledge. Plan size and shape to fit transportation and display; maximum size 24 x 24 inches.

D340008 Wildlife Diorama (SF160) Exhibit must be no larger than 24" x 24". The exhibit might show a grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat. Example: show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge-adapted species such as white-tailed deer, Northern bobwhite, mourning doves, cottontail rabbits, fox, squirrels, Northern cardinals, or blue jays. Label the habitats displayed and show at least five kinds of wildlife in their proper habitats.

D340009 Wildlife Essay (SF161) Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. For example, write about a particular species of wildlife that you have observed or about the values

of wildlife. You might write about wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about ethics, proper behavior in the outdoors, hunting, 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 (SF162) Make a scrapbook about the various values of wildlife. This would include aesthetic, scientific, commercial, game, genetic, and / or ecological. One resource would be the Wildlife Conservation project booklet (4-H 125).

D340011 Wildlife Arts (SF163) the purpose of this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, and wood carvings, painted duck decoys, or songs or poems written by the exhibitor. Entries must be appropriate for fair display and no larger than 24" 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).*

WILDLIFE HABITAT, DIVISION 342

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:

- a. The kinds of animal(s) for which the house is intended,
- b. Where and how the house should be located for best use,
- c. Any seasonal maintenance needed, and
- d. Any evidence of your personal observations or experiences.

D342002 Feeders/Waters (SF166) Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder is okay; no insect feeders. Include the following information: 1) the kinds of animal(s) for which the water/feeder is intended, 2) where and how the water/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences. Tips: check NebGuide on feeding birds.

D342003 Wildlife Habitat Design Board or poster exhibit (SF167) Choose a backyard, acreage, or farm, and design a habitat plan to meet the food, water, shelter, and space needs of at least three kinds of animals you would like to attract. Draw an outline of the area and show

what plants or other habitat will be provided. Indicate how the various parts of your plan provide the desired habitat needs. You might include an aerial photo of the area if you have one.

HARVESTING EQUIPMENT, DIVISION 343

D343001 Fish Harvesting Equipment (SF168) Board exhibit.

Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), and lures. Label all items displayed. Include in your exhibit the following information:

1. The purpose of each item,
2. When or where each item is used in relation to other equipment,
3. Any personal experiences you've had with the item(s).

D343002 Build a Fishing Rod (SF169) Rod building blanks and kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches in length. Exhibit must be mounted on a board and labeled with the member's name county and class number. Include with the exhibit the following items as a brief attachment.

- Explanation of the cost of materials/components
- Where materials/components were purchased
- How they are made
- Number of hours required for construction.

Identify all parts. Necessary components which must be included are grip, line guides (based on manufacturer's 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 (guides, etc.) correct information, and neatness.

D343003 Casting Target (SF170) Make a casting target for exhibit and use. Target must be under 48" x 48". The bullseyes must be 21 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather resistant. Include the purpose and rules of using your casting target.

D343004 Wildlife Harvesting Equipment Board exhibit (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. Include in your exhibit the following information:

- 1. The purpose of each item**

2. **When or where it is used**

3. **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.

OUTDOOR ADVENTURES – LEVEL 2

Rules

- 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.

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

Rules

- 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.

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 re-sealable plastic bag with ingredients, instructions, and nutritional facts included). Exhibits measure no larger than 18" X 24"

TAXIDERMISTRY, DIVISION 346

D346001 Tanned Hides or Taxidermy (SF172) 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.
2. Information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

OTHER NATURAL RESOURCES, DIVISION 361

D361001 - Design Your Own Exhibit in Natural Resources, Conservation, Geology, or Ecology - (SF164) - This class is for educational exhibits about natural resources, conservation, wildlife, or ecology that do not fit into other categories. Entries must be appropriate for fair display and no larger than 24" x 24". All entries must include a title and should be clear (a brief explanation or other method) about the intended purpose or message – what the exhibit is meant to show. Think about accuracy, creativity, educational value for viewers, and evidence of exhibitor's personal experiences and learning.

4-H SHOOTING SPORTS, DIVISION 347

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

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

D347002 Storage Case (SF254) – 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 (SF255) – invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials for 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 Essay or Display (SF256)– Conservation, or Wildlife Essay or Display - 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 (SF257)– Include a shooter's (hiker's, camper's, angler's) diet and exercise plan, and how the 4-H member will benefit or improve from following the plan. Ideally, the 4-H

member would follow the plan and include some journal entries about adaptations or improvements made while following the plan.

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

D347007 Career Development/College Essay, Interview or Display (SF252) – Research opportunities for careers related to this area or opportunities for college majors or college activities to help discover using project skills beyond a person's 4-H career. Essays are limited to 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.

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

D347009 Ag Literacy-Value Added Agriculture Interview or Research Project (SF250) – Explore how traditional ag producers are adding value to their production agriculture operations through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc. Present findings in an interesting way for the public to learn from.

Shooting Sports Disciplines

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.50

BB Gun

Targets will be shot at 5 meters. Course of Fire - 10 shots prone, 10 shots standing, 10 shots kneeling, 10 shots sitting (total of 40 shots) and 4-H'ers will take a written test worth 100 points.

H930001 Junior (ages 8 & 9 years old)

H930002 Intermediate (ages 10 & 11 years old)

H930003 Senior (ages 12 years old & Older)

Air Rifle

Open to youth ages 12 and older. MUST have a Hunter Safety Card.

Course of fire; 10 shots prone, 10 shots standing, 10 shots kneeling, 10 shots sitting. 4-H'ers will also take a written test.

H93004 Senior (ages 12 years & Older)

Archery

A practice round of 5 arrows will be shot and scored. Then three rounds of 5 arrows each will be shot and scored with the highest score being used. An Archery equipment identification test will be given.

H930005 Junior - will shoot at 10 yards (ages 8 - 10 years old)

H930006 Intermediate - will shoot at 15 yards (ages 11 - 13 years old)

H930007 Senior - will shoot at 20 yards (ages 14 years old and Older)

Trap Shooting

H930008 Junior - course of fire; will shoot 2 sets of 25 shells at 16 yards., at least 12 years old with hunter safety certificate)

H930009 Intermediate – course of fire; will shoot 2 sets of 25 shells at 16 yards

H930010 Senior - course of fire; will shoot 25 shells at 16 yards, 25 shells at their handicap.

.22 Rifle

Open to youth ages 12 and older. MUST have a Hunter Safety Card. Course of Fire; 10 shots prone, 10 shots standing, 10 shots kneeling, 10 shots sitting. 4-H'ers will also take a written test.

H930019 Junior (ages 12 to 14 years old)

H930020 Senior (ages 15 years old and Older)

Foods, Nutrition & Food Preservation

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

RULES:

The judge will select or cut out a sample of the exhibit for display. Entries must have the proper amount of food or they will be disqualified (example: cookies (4) should be entered on a paper plate and exhibited in a plastic bag).

Supporting Information - Each exhibit must include the recipe. Recipe may be handwritten, photocopied 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.

Criteria for Judging - Exhibits will be judged according to score sheets available at your local Extension office or at

<http://4h.unl.edu/fairbook>. 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. **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.

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

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 on top of food exhibit (cheese mixed into baked goods is considered safe and will be accepted)
- Uncooked fruit toppings (i.e., fresh fruit tart)

COOKING 101 (COUNTY ONLY)

- *E401901 COOKIES (any recipe, 4 on a paper plate)
- *E401902 MUFFINS (any recipe, 4 on a paper plate)
- *E401903 NO BAKE COOKIE (any recipe, 4 on a paper plate)
- *E401904 CEREAL BAR COOKIE (any cereal based recipe made in pan and cut into bars or squares for serving.)
- *E401905 GRANOLA BAR (any recipe, 4 on a paper plate)
- *E401906 BROWNIES (any recipe, 4 on a paper plate)
- *E401907 SNACK MIX (any recipe, at least 1 cup in self-sealing clear bag)

YOUTH IN MOTION (YIM), DIVISION 300 (COUNTY ONLY)

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

E300001 YIM POSTER, SCRAPBOOK, or PHOTO DISPLAY (SF122)

Exhibit 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 as a result of taking this project.

E300002 ACTIVITY BAG (SF258) - A duffel bag or backpack that the 4-H'er packs so that they are always prepared to be active and make healthy food choices. May include proper workout attire, a healthy beverage or snack, a notebook or goal sheet, etc. Make sure all items are clean, clearly labeled and an explanation of why it is included in the Activity Bag, instead use a picture of the item or include in the listing of items.

E300003 YIM HEALTHY SNACK RECIPE FILE (SF251) - Collection of 10 recipes from any source. Each recipe must accompany a complete snack menu in which the recipe is used, following the idea that a healthy snack includes foods from at least two different food groups. An additional 10 recipes may be added each year 4-H'er is in project, with year clearly marked on recipes. Consider creativity and neatness. Display in recipe file or box or in a binder. Be sure to include the number of servings or yield of each recipe.

E300004 HEALTHY STYLE INTERVIEW (SF130) - 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 or has a healthy lifestyle. Consider creativity and neatness. Mount on colored paper or poster board or display in a binder. Include a picture of the person interviewed. (May be laminated to preserve exhibit.) Overall size of mounted exhibit should be no larger than 9x12 inches.

E300005 HEALTHY SNACK (SF125) - 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 why this snack might be considered a healthy snack.

GENERAL FOODS, DIVISION 350

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

E350001 Food Science Explorations (SF152) Open to any 4-H'er enrolled in a Foods and Nutrition project. Show the connection between food and science as it relates to food preparation, food safety, food

production. Exhibit may be a poster or foam core board (not to exceed 22" by 30"), computer-based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity.

E350002- Foods and Nutrition Poster Scrapbook, or Photo Display (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 explore a career related to the food industry (caterer, restaurant owner, food scientist, registered dietitian, etc.) This might contain pictures, captions and/or a report to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22" 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 (SF122) Open to any 4-H'er enrolled in a Foods & Nutrition or Food Preservation project. The project should involve a physical activity or explore a career-related to physical activity or health (personal trainer, sports coach, physical therapist, etc.) This might contain pictures, captions and/or a report to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22" 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 (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.

COOKING 201, DIVISION 410

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

E410001 Loaf Quick Bread (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 $8\frac{1}{2}$ " x $4\frac{1}{2}$ " or 9" x 5". If mini-loaf pans are used for exhibit, two loaves must be presented for judging.

E410002 Creative Mixes (SF142) any recipe, at least $\frac{3}{4}$ of baked

product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked item made from a mix (commercial or homemade mixes acceptable). Food product must have been modified to make a new or different baked item. Examples include poppy seed quick bread from a cake mix, cake mix cookies, sweet rolls made from readymade bread dough, monkey breads from biscuit dough, streusel coffee cake from a cake mix, etc. Write what you learned about making this product using a mix instead of a homemade recipe or recipe "from scratch". Does it make it better or easier to use a convenience product or mix? Why or why not?

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

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

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

COOKING 301, DIVISION 411

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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

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

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

E411003 Specialty Rolls (SF138) any yeast recipe, 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 Roles (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.

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).

COOKING 401, DIVISION 412

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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.

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

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

E412003 Ethnic Food (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 (SF148) original recipe (no mixes) of at least $\frac{3}{4}$ of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

E412006 Specialty Pastry (SF143) any recipe, at least $\frac{3}{4}$ 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.

4-H FAVORITE FOOD REVUE EVENT, DIVISION 405

(County Only)

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

General Information: The 4-H Food Revue integrates food and nutrition knowledge into one activity. Food preparation, menu planning, nutritional knowledge, table service, and food handling practices. Any 4-H member enrolled in a foods and nutrition project may participate. Exhibit should be related to a food and nutrition project the member is enrolled in. Individuals under 12 years of age as of January 1 of the current year will participate in the Junior Division. Individuals 12 years of age or older as of January 1 of the current year will participate in the Senior Division. *Ingredients that the 4-H member cannot legally purchase, such as beer, whiskey, rum, etc. may not be used in any recipe or foods exhibit. Exhibits that include alcohol in the recipe will be disqualified. This includes menu and recipe file exhibits.* *Each participant should plan their own exhibit to fit on a standard card table.

The exhibit should include:

- Recipe of the food and a menu for the meal featuring the food item.
- A one place setting for the menu featured. Use table appointments—dishes, silverware, etc.
- A centerpiece appropriate for the planned occasion.
- One serving of the prepared food on/in the appropriate dish.
- Table covering as appropriate for the occasion (tablecloths, placemats, etc.).
- Each 4-H member is responsible for bringing their own card table the day of the revue and setting up their own display.

Interview judging will be used to evaluate each exhibit. Participants may be asked questions about preparation of the recipe, selection and management of the menu, nutritional information in regard to the food and menu exhibited.

Champion and Reserve Champion rosettes will be awarded in Junior and Senior Division in the 4-H Food Revue.

4-H'ers under the age of 8 years of age on Jan 1 of the current year may choose to do this class (Clover Kids). The novice needs only to set the table and serve one food item. They do not need a menu card or recipe card and may have someone else make the food. The 4-H'er will need to know the how and why about their table setting, the basic nutrition information about the food chosen, and the cost per serving. They do not need to know the time management or menu planning.

Score Sheet 425

E405001—Food Revue Clover Kid Division (*not eligible for a trophy/prize)

E405002—Food Revue—Junior Division

E405003—Food Revue—Senior Division

FOOD PRESERVATION, DIVISION 407

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

RULES:

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

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.

Current Project - All canning must be the result of this year's 4-H project.

Criteria for Judging - Exhibits will be judged according to score sheets available at your local Extension office or at

<https://4h.unl.edu/fairbook/general/scoresheets-forms>.

Incomplete exhibits will be lowered a ribbon class. Canned food

items not processed according to altitude in the county will be lowered one class ribbon. Check with your local extension office or <https://food.unl.edu/canning#elevation> for your county's altitude and how that affects food processing times and pounds of pressure.

Labeling - Jars should be labeled with the name of the food item, name of the 4-H'er, county, and date of processing on the bottom of each jar. 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 together.

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, 2015 revision (https://nchfp.uga.edu/publications/publications_usda.html)
- Nebraska Extension's Food Website: <http://food.unl.edu/web/preservation/home> or Extension publications from other states
- Ball Blue Book (published after 2009) or online: <https://www.freshpreserving.com/recipes>

All exhibits must include the 4-H Food Preservation Card attached to the project as the required supporting information or include the following information with exhibit:

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

UNIT 1 FREEZING

E407001 Baked Item Made with Frozen Produce (SF155) any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or

in a disposable pan. Recipe MUST include a food item preserved by the freezing method done by the 4-H'er. (Ex. Peach pie, blueberry muffins, zucchini bread, etc.). Supporting information must include both the recipe for the produce that was frozen as part of this project AND the baked food item.

UNIT 2 DRYING

E407002 Dried Fruit (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.

E407003 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.

E407004 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.

E407005 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.

E407006 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.

E407007 Baked Item Made with Dried Produce/Herbs (SF156) any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a dried produce/herb item made by the 4-H'er. Ex. Granola bar made with dried fruits, dried cranberry cookies, Italian herb bread, lemon thyme cookies. Supporting information must include both the recipe for the dried produce/herb AND the baked food item.

UNIT 3 BOILING WATER CANNING

E407008 - 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.

E407009 - 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 a boiling water bath according to current USDA recommendations.

E407010 - 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.

E407011 - 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.

E407012 - 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.

E407013 - 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.

E407014 - 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.

E407015 - 3 Jar Jelled Exhibit (SF153) exhibit 3 different kinds of jelled products. Entry may be made up of either pints or half pints. Entry must be processed in a boiling water bath according to current USDA recommendations.

UNIT 4 PRESSURE CANNING

E407016 - 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.

E407017 - 3 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.

E407018 - 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.

E407019 - 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

E407020 - 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.

E407021 - 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.

Safety

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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

Safety, Division 440

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:

1. Prescription medications. (If the kit's purpose is to provide medication for someone with special needs, explain in the written description and inventory, but remove the medication.)
2. Materials with expiration dates on or before the judging date. (This includes sterile items, non-prescription medications, ointments, salves, etc. Articles dated month and year only are considered expired on the last day of that month.)
3. Any controlled substance.

E440002 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 Experience (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 situation. The exhibit should include a detailed description of the experience, the youth's role, some evidence of the youth's leadership in the situation and a summary of the learning that took place. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes.

E440005 Careers in Safety (SF191) The exhibit should identify a specific career area in the safety field and include education and certification requirements for available positions, salary information, demand for the field and a summary of the youth's interest in the field. Examples of careers include firefighters, paramedics, emergency management personnel, some military assignments, law enforcement officers, emergency room medical personnel, fire investigator and more. It is recommended youth interview a professional in the field in their research. Additional research sources might include books, articles, career 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.

Fire Safety, Division 450

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

Documentation should include evidence the escape plan has been practiced at least four times. Posters must be constructed of commercial poster board at least 11" x 14" but not larger than 22" x 28".

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.

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.

Entrepreneurship, Division 531

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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

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.

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. **Score Sheet SF181**

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:

1. What did you enjoy the most about making the product?
2. What challenges did you have when making the product? Would you do anything differently next time? If so, what?
3. What is the suggested retail price of the product? How did you decide on the price?
4. 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.
5. How much would you earn per hour? Show how you determined this figure.
6. What is unique about this product?

F531005 Photos of an Original Product (*mounted on a 14' x 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.**

Attach a 8.5" x 11' information sheet to the poster answering these questions:

- What do you enjoy most about this product?
- What challenges did you have when making this product? Would you do anything differently next time? If, so, what?
- What is the suggested retail price of the product? How did you decide this price?

- Market analysis of the community through data gathered from a survey of at least 10 people in your community about your product.
- How much do you earn per hour? Show how you determined this figure.
- What is unique about this business?

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:

1. Sell something.
2. Introduce yourself to a local entrepreneur and take a selfie with them.
3. Be a detective! Look for Nebraska-made products and find out more about the business.
4. Tour 2-3 entrepreneurial businesses and create a photo story.
5. Investigate what it takes to be an entrepreneur (Skills Assessment ESI 4.1.)
6. Make a prototype (sample/model) of a new product idea. (Include the prototype or a photo of prototype.)
7. Work with a friend to develop a new business idea!
8. Contact your local Extension Office to learn about entrepreneurship opportunities.
9. Create an activity to teach others about entrepreneurship (coloring page, puzzle, game, etc.)

Posters (County Only)

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

Posters should be 14"x22" either vertical or horizontal arrangement and on regular poster board. Those generated by computer must also meet this standard. Computer art generated on 8 1/2" x 11" sheet of paper and mounted on poster board will be disqualified. They may be in any medium - watercolor, ink, crayon, markers or computer graphics, so long as they are not 3D (i.e. milk cartons, pop cans, pencils or anything thicker than paper). Posters incorporating copy-righted material, such as cartoon characters or commercial products will not be accepted. The use of computer clipart is discouraged and will not be scored as

positively as original computer art design. The purpose of a poster is to call attention quickly. Poster should feature some aspect of 4-H. Stress only one thought or idea in each poster. Posters may be laminated for protection.

B151001 Exploring Careers with 4-H - poster should illustrate how 4-H members can explore career opportunities through 4-H projects.

B151002 Photo Poster - create a poster focusing on a 4-H theme of your choice using one large eye-catching photo.

B151003 "4-H Grows Here!" - illustrate 4-H growing and thriving in Nebraska.

Educational Display (County Only)

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

4-H members exhibiting beef, sheep, swine, goat, poultry, and rabbits are invited to create a poster highlighting an educational aspect of their animal project. Poster could focus on a current livestock issue, animal industry career, animal care or health, or economic impacts of the livestock industry. All entries must match the species the 4-H member is exhibiting. Poster should be sturdy enough and no larger than 22"x28".

G090100 Educational Display

Agronomy

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

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.

Field Crops, Division 750

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

GRAIN OR PLANT EXHIBITS (CLASSES 1-5) IMPORTANT:

- A. A completed Crop Production Worksheet (available at <https://cropwatch.unl.edu/Youth/Documents/Crop%20Production%20Project%20Worksheet%20Final.pdf>) must accompany grain and plant exhibits or it will automatically be deducted one ribbon placing. The worksheet must include the exhibitors name and address, county, plant hybrid or variety, plant population,

whether crop production was irrigated or dryland, and general information including farm cropping history, soil type and weather effects.

- B. 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.
- C. 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.
- D. Attach the worksheet to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the worksheet, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit. Refer to Scoresheet **SF264**.
- E. 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. Plant exhibits, with the exception of ears of corn, must be the result of the current year's project.
- Corn 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together)
 - Grain Sorghum - 4 stalks (cut at ground level and bound together)
 - Soybeans - 6 stalks (cut at ground level and bound together)
 - Small grains (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tie with stems about 24" 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.

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. 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 clear plastic cover with the exhibitor's name outside. If a display does not have an essay, it will automatically be deducted one ribbon placing. Refer to Scoresheet **SF259**

G750001 Corn (includes yellow, white, pop, waxy, or any other type)

G750002 Soybeans

G750003 Oats

G750004 Wheat

G750005 Any other crop (includes grain sorghum, alfalfa, millets, barley, rye, triticale, and amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)

G750006 Crop Production Display - 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 - 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 - 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.)

G750009 Water or Soil Display - 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 The purpose of this class is to allow youth to investigate a career in agronomy. Youth should interview 1 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.

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.

Agronomy, Division 751 - Weed Science

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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

BOOKS (CLASS 1-2):

- A. Plants must be mounted on sheets that are no larger than 14" wide by 14" high. Proper plant mount should include root as well as stem and leaf tissue. Plants should be glued rather than taped and the mounts should be protected with a clear cover.
- B. Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements. Refer to Scoresheet **SF261**.
- C. Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet:
 1. Scientific name (in italic or underlined), with authority
 2. Common name
 3. County of collection
 4. Collection date
 5. Collector's name
 6. Personal collection number, indicating the order that plants were collected in your personal collection
 7. Other information depending on class selected, i.e., noxious, life form.

This information should be typed or printed neatly.

DISPLAYS (CLASS 3):

- A. The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28" by 28" on plywood or poster board. The display should be neatly titled.
- B. Make sure to label display with exhibitor's name, address, and county on back side. Explain pictures and graphs clearly and concisely. Refer to Scoresheet **SF259**.
- C. Each display must have a one-page essay explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside.

G751001 Weed Identification Book A collection of a minimum of 15 plant mounts including at least two of the following prohibited noxious weeds (Canada thistle, musk thistle, plume less thistle, salt cedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knot weed, bohemian knotweed or phragmites), and at least three weeds that are a problem primarily in lawns.

G751002 Life Span Book A collection of 7 perennial, 1 biennial and 7 annual weeds.

G751003 Weed Display – 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 weed.

Range Management, Division 330

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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

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, and range and soil sciences to solving problems in management, conservation, sustainability and environmental protection. For guidelines on specific projects, refer to appropriate project manuals.

BOOKS (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:

1. Scientific name (in italic or underlined), with authority.

2. Common name.
3. County of collection.
4. Collection date.
5. Collector's name.
6. Collection number, indicating order that plants were collected.
7. 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. Boards should be adequately labeled. Refer to Scoresheet **SF260**. 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.

D330001 Value and Importance for Livestock Forage and Wildlife Habitat and Food Book A collection of 12 different plant mounts, with 4 classified as high value, 4 as medium value, and 4 as low value for livestock forage, wildlife habitat, or wildlife food. Value and importance classifications can be found in the Range Judging Handbook and Contest Guide, Appendix Table 1 (EC150, Revised July 2016) starting on pages 42. Plants can consist of any combination of grasses, grass-like plants, forbs, or shrubs. Assemble plant mounts in order of high, medium, and low value and importance. Label each plant mount with its value and importance classifications for each of the three areas; Livestock Forage, Wildlife Habitat, Wildlife Food

D330002 Life Span Book A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.

D330003 Growth Season Book a collection of 6 cool-season grass mounts and 6 warm-season grass mounts.

D330004 Origin Book 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.

D330005 Major Types of Range Plants Book A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like and 3 shrubs.

D330006 Range Plant Collection Book 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 Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner, including the scientific and common name of the plant. Put your name and 4-H county on the back of your poster.

D330008 Special Study Board – 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.

D33009 Junior Rancher Board – 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, Educational Exhibits, & Houseplants

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

Floriculture, Division 770

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

FLORICULTURE (CLASSES 1 – 46)

Youth must be enrolled in the World of Flowers and/or Annual Flowers projects to exhibit in classes 1-46 (cut flowers) and 50-53 (educational exhibits).

- 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.
- 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 with the classes listed by using other cultivars or varieties, 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.

- All 3 or 5 stems of cut flowers should be the same cultivar and color, do not mix cultivars and colors. Containers will not be judged; however, they should be clear glass containers that won't tip over (No plastic containers at State Fair) and of adequate size to display blooms. Any exhibit not in a clear glass container will be dropped one ribbon placing. **Score Sheet SF106.**

**Follow the guidelines in 4-H Preparing Cut Flowers for Exhibits 4H227(revised 2016) (free download-
<https://unl.box.com/s/2f3a785c67p7qhqasevp6gu6adf3ugon>)
when preparing entries for the fair.**

****Cut Flower Annuals and Biennials***

FLORICULTURE (CLASSES 1-23)

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

G770001	Aster
G770002	Bachelor Buttons
G770003	Bells of Ireland
G770004	Browallia
G770005	Calendula
G770006	Celosia (<i>crested or plume</i>) (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
G770021	Vinca
G770022	Zinnia
G770023	Any other annual or biennial

(under 3" diameter - 5 stems, 3" or more in diameter - 3 stems)

**Do not duplicate entries in classes 1-22*

***Cut Flower Perennials**

FLORICULTURE (CLASSES 30-46)

Classes 30-46 = Cut Flower Perennials - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

G770030 - Achillea/Yarrow

G770031 - Chrysanthemum

G770032 - Coneflower

G770033 - Coreopsis

G770034 - Daisy

G770035 - Gaillardia

G770036 - Helianthus

G770037 - Hydrangea (3 stems)

G770038 - Liatris (3 stems)

G770039 - Lilies (3 stems) (Not Daylilies)

G770040 - Platycodon

G770041 - Rose (3 stems)

G770042 - Rudbeckia/Black-eyed Susan

G770043 - Sedum

G770044 - Statice

G770045 - Any other perennial (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems) (do not duplicate entries in classes 30-44)

G770046 - 4-H Flower Garden Collection of 5 different flowers. Each flower in the collection should be exhibited with the number specified for classes 1-45. Display in a box or other holder not more than 18" in any dimension. Boxes will not be returned at State Fair. Do not duplicate entries in classes 1-45 with any in the group collection.

EDUCATIONAL EXHIBITS (CLASSES 50-53)

G770050 Flower Notebook (SF100) Exhibit a notebook containing pictures of flowers grown in Nebraska. There must be at least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. Bulbs may be included in a separate section. 4-H'ers may show more than one cultivar of the same species, but they will only count as one species. The notebook must be the result of the current year's work. Pictures from garden catalogs, hand drawn pictures, or photographs may be used. Each species/cultivar must be labeled with the correct common name and scientific name; the height and spread of the plant and the growing conditions (for example: needs full sun and dry sandy soil) the species prefers. In addition to this information, bulbs should also be labeled as spring or summer flowering. Give proper credit by listing the sources of pictures and

information used. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the notebook.

G770051 Flower Garden Promotion Poster (SF103) Individual poster promoting flower gardening, size 14" x 22" either vertical or horizontal arrangement. 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.

G770052 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.

G770053 Flower Gardening History Interview (SF105) A 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, Division 770

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

Youth must be enrolled in the Growing Great Houseplants project to exhibit in **HOUSEPLANTS (CLASSES 60-66)**.

- **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. Houseplants should be grown in the display container for a minimum of six weeks. 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" (<http://extensionpublications.unl.edu/assets/html/g2205/build/g2205.htm>) and NebGuide G837 "Guide to Selecting Houseplants" (<http://extensionpublications.unl.edu/assets/html/g837/build/g837.htm>) includes a listing of common houseplants. **Containers of**

annual flowers or annual plants (i.e. petunias, geraniums, impatiens) will be disqualified and will not be judged.

- Entries in Classes 60-66 must have been designed and planted by the 4-H member.
- 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.
- 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. **(SF107)**

G770060 Flowering potted houseplant(s) that are blooming for exhibition. Non-blooming plants will be disqualified.

G770061 Foliage potted houseplant(s) of all the same variety.

G770062 Hanging basket of flowering and/or foliage houseplants.

G770063 Dish garden - an open/shallow container featuring a variety of houseplants excluding cacti and succulents.

G770064 Fairy or Miniature garden – A miniature “scene” contained in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e. bench, fence made from tiny twigs, small shell for a bathtub, etc.

G770065 Desert garden - an open/shallow container featuring cacti and/or succulents grown as houseplants.

G770066 Terrarium - a transparent container, partially or completely enclosed; sealed or unsealed.

Vegetable, Herbs, Fruits, & Education Exhibits

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

Youth must be enrolled in the Everyone A Gardener project and/or Gardening Unit 1-Unit 4 projects to exhibit in classes 201-286

(vegetables, herbs, fruits) and 290-294 (educational exhibits). 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 with the classes listed by using other cultivars or varieties 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 SF108.**

Follow the guidelines in Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit 4H226 (revised June 2013) (Free Download-

<http://4h.unl.edu/4hcurriculum/preparingvegetabesherbandsfruit>

t) when preparing entries for the fair.

VEGETABLES (CLASSES 1-56)

<i>Classes:</i>	<i>Vegetable</i>	<i>#'s to Exhibit</i>
G773201	Lima Beans	12
G773202	Snap Beans	12
G773203	Wax Beans	12
G773204	Beets	5
G773205	Broccoli	2
G773206	Brussels Sprouts	12
G773207	Green Cabbage	2
G773208	Red Cabbage	2
G773209	Carrots	5
G773210	Cauliflower	2
G773211	Slicing Cucumbers	2
G773212	Pickling Cucumbers	5
G773213	Eggplant	2
G773214	Kohlrabi	5
G773215	Muskmelon/Cantaloupe	2
G773216	Okra	5
G773217	Yellow Onions	5
G773218	Red Onions	5
G773219	White Onions	5
G773220	Parsnips	5
G773221	Bell Peppers	5
G773222	Sweet (Non-Bell) Peppers	5
G773223	Jalapeño Peppers	5
G773224	Hot (Non-Jalapeño) Peppers	5
G773225	White Potatoes	5
G773226	Red Potatoes	5
G773227	Russet Potatoes	5
G773228	Other Potatoes	5
G773229	Pumpkin	2
G773230	Miniature Pumpkins (Jack Be Little type)	5
G773231	Radish	5
G773232	Rhubarb	5
G773233	Rutabaga	2
G773234	Green Summer Squash	2

G773235	Yellow Summer Squash	2
G773236	White Summer Squash	2
G773237	Acorn Squash	2
G773238	Butternut Squash	2
G773239	Buttercup Squash	2
G773240	Other Winter Squash	2
G773241	Sweet Corn (in husks)	5
G773242	Swiss chard	5
G773243	Red Tomatoes (2" or more in diameter)	5
G773244	Roma or Sauce-type Tomatoes	5
G773245	Salad Tomatoes (under 2" diameter)	12
G773246	Yellow Tomatoes (2" or more in diameter)	5
G773247	Turnips	5
G773248	Watermelon	2
G773249	Dry Edible Beans (pint)	1
G773250	Gourds, mixed types	5
G773251	Gourds, single variety	5
G773252	Any other vegetable 2, 5 or 12 (do not duplicate entries in classes 201-251) that doesn't fit in any other class.	

Garden Collection, Division 773

Purple \$5.00 Blue \$4.50 Red \$3.00 White \$2.00

G773255 4-H Vegetable Garden Collection of five kinds of vegetables. Display Garden Collection in a box not more than 24" in any dimension. Boxes will not be returned at State Fair. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252). Do not duplicate entries in classes 201-252 with any in the group collection.

G773256 4-H Cultivar Vegetable Collection. Vegetables entered in the collection are 5 cultivars from a single exhibit; for example, 5 cultivars of all types of peppers or squash or onions or tomatoes, etc. Display in a box not more than 24" in any dimension. Boxes will not be returned at State Fair. Showmanship will be considered in judging; but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252).

Herbs, Division 773

HERBS (CLASSES 60-69)

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

Herbs will be judged using the same general criteria used for vegetables. Those grown mainly for their seed, such as dill and caraway, should be exhibited on a plate. Those grown for their leaves such as basil, parsley, etc. should be exhibited in a glass container of water. Potted herb plants will be disqualified and will not be judged. **Score Sheet SF108.**

Classes:	Herb	#'s to Exhibit
G773260	Basil	5
G773261	Dill (dry)	5
G773262	Garlic (bulbs)	5
G773263	Mint	5
G773264	Oregano	5
G773265	Parsley	5
G773266	Sage	5
G773267	Thyme	5
G773268	Any other herb	5

(do not duplicate entries in classes 260- 267)

G773269 4-H Herb Garden Display of 5 different herbs. Displayed in a box or other holder not more than 18" in any dimension. Boxes will 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, Division 773

FRUITS (CLASSES 80-86)

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

Fruits will be judged using the same general criteria used for vegetables. Fruit will be judged for the stage of maturity normal for that season and growing location. Emphasis will be placed on how well fruit approaches market quality. **Score Sheet SF108.**

Classes:	FRUIT	#'s to Exhibit
G773280	Strawberries (*ever bearers)	1 pint
G773281	Grapes	2 bunches
G773282	Apples	5
G773283	Pears	5
G773284	Wild Plums (do not duplicate in classes 280-284)	1 pint
G773285	Other small fruit or berries	1 pint
G773286	Other fruits OR nuts	5

EDUCATIONAL EXHIBITS:

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" x 2" (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. Score Sheet SF105.

G773293 Vegetable Seed Display (SF101) Each display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade), and Legume (pea) families, plus representatives from 5 other families. Group the seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22" 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 cite 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 of the vegetables described may be included.

Give proper credit by listing the source of pictures and information used. Protect in a clear report cover or 3-ring notebook. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the report cover or notebook.

Special Garden Project, Division 775

Youth must be enrolled in the current year's Special Garden Project to exhibit at State Fair. Fresh cut flowers or harvested vegetables should be entered in the appropriate class listed above.

G775001 Special Garden Project Educational Exhibit (SF109) - 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.

G775002 Special Garden Project Fresh Cut Flowers or Harvested Vegetables - The current years' Special Gardening Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 1-45 for quantity to exhibit if Special Gardening Project is a fresh cut flower (**SF106**). Refer to classes 201-252 for quantity to exhibit if Special Gardening Project is a vegetable (SF108).

Science, Engineering, & Technology

Entomology, Veterinary Science, Aerospace, Engineering

Entomology, Division 800

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

***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.*

RULES: Specimens in display collections should be mounted properly and labeled with location, date of collection, name of collector, and order name. Follow mounting and labeling instructions in the Nebraska 4-H Entomology Manual. Boxes are preferred to be 12" high X 18" wide, and landscape orientation, so they fit in display racks. Purchase of commercially made boxes is allowed. All specimens must be from the collector.

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 of one box.

H800002 Entomology Display, Second-Year Project (SF186)

Collection to consist of a minimum of 50 kinds (species) of insects representing at least 8 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of the previous year. Limit 2 boxes.

H800003 Entomology Display, Third-Year or More Project (SF186)

Collection to consist of a minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of previous year. Limit of 3 boxes.

H800004 Special Interest or Advanced Insect Display (SF187)

Educational display developed according to personal interests and/or advanced identification capability. This is also an opportunity to highlight favorite insects in a creative arrangement. Insects should conform to pinning and mounting standards as in Classes 1-3 and be protected in an insect box. Each specialty display should include names of the insects, interesting information about them, and why the display was made. Advanced identification collections should have insects grouped with labels that correspond with identification level (e.g. family, genus, species). A specialty collection may consist of insects by taxonomic group (e.g. butterflies, grasshoppers, dragonflies, scarab beetles) or by host, subject, or habitat (e.g. insect pests of corn, aquatic insects, insect mimicry, insect galls, insects from goldenrod, insect pollinators, etc.).

H800005 - Insect Habitats (SF188) - Habitats consist of any hand-crafted objects, made of natural or artificial materials, placed outdoors, which promote or conserve insects in the environment. Insects may include bee pollinators, butterflies, beneficial insects, etc. A one-page report describing activities must accompany the exhibit.

H800006 - Macrophotography (SF189) - Subjects should be insects, spiders or other arthropods, or any nests, webs or constructions they make. All exhibit prints should be either 8" x 10" or 8½" x 11" and mounted on rigid, black 11" X 14" poster or mat board. Either orientation is acceptable. No frames or mat board framing is allowed. A caption of a few sentences should explain the subject and be printed on white paper and glued below the print on the poster board.

H800007 - Insect Poster/Display Exhibits (SF190) - Exhibits can be posters or three-dimensional displays, and artistic creativity is encouraged. Posters should be no larger than 22" 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 in kinds of butterflies over the summer, rearing a specific insect from egg to adult, managing a beehive, observations of insects in a specific habitat, accounts of insect behavior in a forest or flower garden, etc.

Insectigator (County Only)

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

H801001 Created Insect - include name of insect and a short narrative.

H801002 Report - one page report of your favorite bug or insect.

H801003 Insect Scrapbook - pictures, news article, or any information about insects and bugs. (must be at least 4 pages)

Veterinary Science, Division 840

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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, history or production topics.

Scoresheet: SF119

Rules:

- A. A Veterinary Science exhibit may consist of a poster, notebook or a display. The exhibit may represent material from any of the Veterinary Science projects including entry level exhibits from Unit I.
- B. If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone. Graphic photographs of excessive bleeding, trauma or painful procedures are not

appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, use of drapes, use of sterile procedures, wearing of gloves, and other appropriate veterinary medical practices.

- C. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- D. **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.**
- E. **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.
- F. **Veterinary Science Displays** - A display may include but is not limited to: a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide or in a three-ring binder or another bound notebook format.

Appropriate Veterinary Science Topics:

- Maintaining health
- Specific disease information
- Photographic display of normal and abnormal characteristics of animals
- Animal health or safety
- Public health or safety
- Proper animal management to ensure food safety & quality
- Efficient and safe livestock working facilities
- Or a topic of the exhibitors choosing related to veterinary medicine or veterinary science

***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.

CLASSES:

H840001 4-H Veterinary Science Large Animal Poster, Notebook or Display

H840002 4-H Veterinary Science Small Animal Poster, Notebook or Display

Aerospace, Division 850

Purple \$5.00 Blue \$4.50 Red \$3.00 White \$2.00

***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.*

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 clear plastic cover, must include:
 - 1) Rocket specification (include original or photo of manufacture packaging stating rocket skill level)
 - 2) A flight record for each launching (weather, distance, flight height)
 - 3) Number of launchings
 - 4) Flight pictures
 - 5) Safety (how did you choose your launch site? Document safe launch, preparations, and precautions)

6) Objectives learned

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.

AEROSPACE, UNIT I (COUNTY ONLY)

H850010 Factory Assembled Rocket – any kit. (SF92)

H850011 Rocket – any skill from Unit 1, rocket with wooden fins. (SF92)

AEROSPACE, UNIT 2-4

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

H850001 Rocket (SF92) - Any Skill Level Rocket with wooden fins and cardboard body tubes painted by hand or air brush.

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, explains the parts of a NASA rocket or shuttle, interview of someone in the aerospace field, or kite terminology. Include notebook containing terminology (definition), and what was learned. Display can be any size up to 28” by 22”.

H850003 Rocket (SF92) - Any Skill Level Rocket with wooden fins and cardboard body tubes painted using commercial application example commercial spray paint.

SELF-DESIGNED ROCKET

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

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

DRONES

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

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 demon straight 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 for viewing.

Computers, Division 860

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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

- 3) Demonstration boards should include an overall title for the display, plus other necessary labeling.
- 4) Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.
- 5) 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) Please refer to the General Rules for the policy regarding firearms, items with a blade, and other related items.
- 7) **Team Entries:** To qualify for entry at the Nebraska State Fair team materials entered in H860009 - Digital Fabrication is 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.

COMPUTER MYSTERIES, UNIT 1(COUNTY ONLY)

H860021 Internet Website (SF)- created by 4-H'er. Notebook of the documentation and print out of the website. Notebook should include: 1) cover page, 2) printout of the website,3) summary page, and 4) complete general record book.

H860014 Power Point Presentation (SF)- notebook of the printouts using the program. Create at least ten different slides using a minimum of four layouts with the same background on all slides. Notebook will consist of: 1) cover page, 2) printouts of the program created, 3) description of the different features used in the program, and 4) how you plan to use this program in the future.

H860015 Commercial Software Utilization (SF)- notebook of the documentation and printouts using each section of the commercial program (i.e. Microsoft Works; Word processor, database, spreadsheet). Notebook will consist of the following areas: 1) cover page, 2) printouts

of each of the sections offered by the software, and 3) paragraph explaining how each section can be used.

H860017 Computer Designed Greeting Card (SF)- exhibit will consist of six (6) greeting cards, each for a different occasion/holiday. Exhibit should be created on 8 1/2"x11" paper using a commercially available graphics program and a color printer/plotter or single-color printer/plotter. The cards should vary in folds and design. Prefabricated cards from commercially available card programs will NOT be accepted.

H860018 Internet Exploration (SF)- notebook consisting of the following four areas: 1) three e-mails sent requesting a reply, 2) the reply to each of the e-mails, 3) printouts of three websites, and 4) what you liked and did not like about each website.

H860019 4-H Promotional Flier (SF)- exhibit should be created on an 8 1/2"x11" paper using a commercially available graphics software package (flier can be either color or black and white).

H860020 Computer Art Poster (SF)- exhibit should be created on 8 1/2"x11" paper using a commercially available graphics software package (poster can be either color or black and white).

COMPUTER MYSTERIES, UNIT 2

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 should as a birthday, wedding, anniversary, sympathy get well or other); a business card (3 cards for 3 different individuals and businesses); menu (minimum of 2 pages including short description of foods and pricing); book layout (I-book); promotional flyer (3 flyers promoting 3 different events); newsletter (minimum 2 pages); or other: examples such as precision farming or family business logo etc. This exhibit consists of a notebook (8.5x11 inches) which should include a (1) a detailed report describing: (a) the task to be completed, (b) the computer application software required to complete the task, (c) specific features of the computer application software necessary for completing the task (2) print out of your project. Project may be in color or black and white.

H860002 Produce a Computer Slideshow Presentation (SF276) Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. 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. Or the slide show may be shared through a share link or QR code which is included in the notebook. 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. All presentations for state fair should be emailed to Amy Timmerman atimmerman2@unl.edu before August 15. OR the presentation can also be uploaded to a video streaming application and exhibitors must provide a hard copy QR code for viewing. The presentation must be able to be played and viewed on a PC using Windows Media Player, Real Player, iTunes or QuickTime Player. A notebook with a printout of all the slides should be submitted. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip.

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 or may be uploaded to a video streaming application and exhibitors can provide a hard copy QR code for public 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: (SF275) 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 IrfanView 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 flash drive in a plastic case along with the explanation of why the site was created or may be shared through a hard copy share link or QR code for viewing. 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 three-dimensional (3D) object from a digital design (including 3D Pen Creation). Youth may use original designs or someone else's they have redesigned in a unique way. Exhibits will be judged based on the motivation and/or problem identified. For example, 3D objects printed as part of the design process for robot or other engineering project. Must include design notebook that addresses the following questions:

1. What was the motivation for your design or the problem you were solving with your design? ie. is your item a functional or decorative piece?
2. Please include a picture of original design, citation of designer/website OR if design is completely original (you created it using CAD software), then state that it's original. If item was not completely original, indicate what you did to the original design to modify it to better meet the design problem stated in #1 above. Its design was modified multiple times, please indicate what change was made with each modification, and what prompted the need for the change. I.e. I printed it and the design was too fragile, so I resliced the print to make thicker external walls, or to have a denser infill.
3. Define your process for designing/printing. What software and/or hardware was used (indicate type of 3D printer or if item was created with 3D pen)?
4. What materials were selected for your project?
5. If your final design has any moving parts, define how you determined appropriate allowance in your design.
6. Identify any changes that you would make to improve your design.

H860007 Maker Space/Digital Fabrication: (SF1051) This project is a computer generated projected created using a laser cutter, vinyl cutter, heat press or CNC router. Vector or 3D based software such as corel draw or Fusion 360 would be an example of an appropriate software used to create your finished project. Project should include a notebook with the following:

- 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.*

Electricity, Division 870

Purple \$5.00 Blue \$4.50 Red \$3.00 White \$2.00

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) Each individual is limited to one exhibit per class. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- 3) 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.)
- 4) Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- 5) Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- 6) Demonstration boards should include an overall title for the display, plus other necessary labeling.
- 7) 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.

ELECTRICITY – MAGIC OF ELECTRICITY – UNIT 1

(COUNTY ONLY)

H870111. Create a Flashlight (SF224) – Using items found around the house. Flashlights should be made out of items that could be recycled or reused. No Kits.

H870112. Make a Switch (SF226) – Using the following items: D cell battery, battery holder, insulated wire, 2 or 2.5 volt light bulb, bulb holder, paper clip, cardboard, and two brass paper fasteners to create a circuit that you can open and close.

H870113. Create a Circuit (SF226) – with a switch and light bulb that can be used to test different household items for their ability to act as an insulator or conductor. You must find five items that are conductors and five items that are insulators. Create a table that illustrates your results.

H870114. ONE parallel and One Series Circuit (SF226) – Use the following items to construct one parallel and one series circuit: D cell battery, battery holder, insulated wire, bulb holder, and a 2 or 2.5 volt light bulb.

ELECTRICITY – INVESTIGATING ELECTRICITY – UNIT 2

(COUNTY ONLY)

H870115. Three Way Switch (SF226) – Using the following items: 2 - D cell batteries, 2 - battery holders, light bulb, bulb holder, a 3"X6" piece of cardboard, six brass paper fasteners and approximately 2 feet of 24-gauge insulated wire. Write a short essay or create a poster that illustrates how three-way switches function.

H870116. Construct a Rocket Launcher (SF226) – Use the following items/materials: plastic pencil box that is at least 4"x 8", single pole switch, single throw switch, normally-open push button switch, 40' of 18 or 22 gauge stranded wire, 4 alligator clips, 2"x6" board, 6" long, 1/8" diameter metal rod, rosin core solder, soldering iron or gun, wire stripper, small crescent wrench, pliers, small Phillip's and straight blade screwdrivers, drill, 1/8" and 1/4" drill bits, rocket engine igniters, additional drill bits match to holes for two switches. You must successfully build a rocket launcher and light two rocket igniters with your launcher. You DO NOT have to actually fire a rocket off the launcher. Create a poster using photography to show the step by step process you used to build your launcher.

H870117. Build an Alarm (SF226) – using the following items/materials: On-off push button switch, mercury switch, buzzer-vibrating or piezoelectric, 9-volt battery, 8-volt battery holder, 4"x4"x1/8" Plexiglas board to mount circuit on, rosin core solder, soldering gun or iron, 2' of 22 gauge wire, wire strippers, hot glue sticks,

hot glue gun, and a plastic box with a lid to mount your alarm circuit on. Create a poster using photographs to show the step by step process you used to build your alarm.

ELECTRICITY - WIRED FOR POWER – UNIT 3

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

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, Division 861

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

**** Youth enrolled in Virtual Robotics, Junk Drawer Robotics (Levels 1, 2, or 3), or Robotics Platforms may exhibit in any class within this division.**

Rules:

- a. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
- b. 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.)
- c. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- d. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- e. Demonstration boards should include an overall title for the display, plus other necessary labeling.
- f. 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.

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.

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.

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” or “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 which includes at least one sensor activity. Include the code written and explain the code function.

H861007 Kit Labeled Robot (cannot be programmed.) and Notebook (SF243) – This class is intended for explorations of robotic components such as arms or vehicles OR educational kits marketed as robots that do not have the ability to be programmed to “sense, plan and act.” The exhibit should include a notebook with the robot the youth has constructed. Included in the notebook should be (1) a description of what the robot does, (2) pictures of programs the robot can perform, (3) why they chose to build this particular form, and (4) how they problem solved any issues they might have had during building and programming. A picture story of assembly is recommended. If robot is more than 15" inches wide and 20" inches tall they may not be displayed in locked cases.

H861008 3D Printed Robotics Parts (SF244). This class is intended for youth to create parts, through 3D printing, to 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.

Global Positioning Systems (GPS), Division 880

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

***Youth enrolled in Geospatial may exhibit in any class within this division.*

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 static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- 3) 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.)
- 4) Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- 5) Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- 6) Demonstration boards should include an overall title for the display, plus other necessary labeling.
- 7) 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.

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, geo-coins, 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 were applications can be purchased is acceptable) A report of how the analysis of the various data will be used to make a management decision.

H880006 4-H History Map Preserve 4-H History: (SF300) 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://www.4-hhistorypreservation.com/History_Map/. For a step by step video on nominating a point, please go to this link:

<http://tinyurl.com/nominate4h>. Write a brief description of 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. Thematic maps can utilize any subject of interest to the 4-H'er. Example map would be Amelia Earhart's or Sir Francis Drake's voyage population density maps, water usage "8.5 x 11" maps or 4-H project in Nebraska. Create GIS Map using data from books, and or internet. Use reliable data, (U.S. Center or U.S. Census Bureau etc.) Map any size from 8.5" x 11" up to 36" x 24", should include Title, Base Map, Neat Line, North Arrow, and Legend. Identify the source of your information on the back of map.

Physics/Power of Wind, Division 900

Purple \$3.00 Blue \$2.50 Red \$2.00 White \$1.00

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) Each individual is limited to one exhibit per class. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- 3) 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).

- 4) Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- 5) Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- 6) Demonstration boards should include an overall title for the display, plus other necessary labeling.
- 7) 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.

Class H900001 - Create and Compare Energy Resources

Poster (SF307) Poster should explore 2 alternative/renewable energy resources. Compare and contrast the 2 resources including two of the following information: amount of energy created, costs of production, usability of the energy, pros/cons of environmental impacts, etc. Posters can be any size up to 28" by 22."

Class 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.

Class 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 in excess of 6' tall or 2' X 2'. Include a notebook of why the item was designed and how it harnesses the power of the sun. Examples include solar ovens, solar panels, etc.

Class 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 in excess of 6' tall or 2' X 2'. Include a notebook of why the item was designed and how it harnesses the power of water.

Class H900005 - Wind as Energy Display (SF308) Item should be the original design of the 4-Her. Include the item, or a picture if item is in excess of 6' tall or 2' X 2'. Include a notebook of why the item was designed and how it harnesses the power of wind.

Class H900006 - Other Nebraska Alternative Energy (SF306) Notebook should explore Nebraskan alternative energy source besides wind, water, and solar power. Include information on type of power chosen, infrastructure for distribution, what resources are needed to

create this alternative resource, cost of production, and potential uses of bio-products.

Woodworking, Division 911

Purple \$5.00 Blue \$4.50 Red \$3.00 White \$2.00

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

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 clear plastic cover.
3. 4-H'ers must be in Unit 3 or Unit 4 for the exhibit to be considered for State Fair. All projects must have 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.

WOODWORKING - UNIT 1 & 2 (COUNTY ONLY)

H911011 Article made from Unit 1 – Examples: recipe holder, stilts, etc., or other skill level appropriate items.

H911012 Article made from Unit 2 – Examples: birdhouse, footstool, napkin or letter holder etc. or other skill level appropriate items.

NAILING IT TOGETHER - UNIT 3

The ability to build objects as designed by another person is an important life skill. Professional woodworkers often are hired to build objects to exacting specifications as laid out in a written plan.

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 clear plastic cover.
- 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. 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.

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:

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

H911004 - Composite Wood Project (SF96) - 60% of the project must be wood and 40% made from other materials such as metal, rubber,

resin, etc. All plans and plan alternations must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

H911005 - Outdoor Wood Project made with Treated Wood (SF97)

- Treated wood projects DO NOT have to have a finished coating. All plans and plan alternations must be attached to the article. Protect plans with a cover. If project is designed to be outside. Examples include: picnic tables, planters, outdoor furniture, etc.

FINISHING UP - UNIT 4

The ability to build objects as designed by another person is an important life skill. Professional woodworkers often are hired to build objects to exacting specifications as laid out in a written plan.

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 clear plastic cover.

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.

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)
3. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
4. Reason for article finish (What type of finish, how did you finish or why you choose this finish?)

5. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
6. Evaluate (How does your item solve the original need?)
7. Present results (How would you do this better next time?)

Small Engines (County Only)

Purple \$5.00 Blue \$4.50 Red \$3.00 White \$2.00

Demonstration board should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged.

H890004 Draw a Picture or Write a Story about a possible future source of power.

H890005 Safety Poster about protective gear.

H890006 First Aid Kit for small engines work area.

H890007 Small Engine Display/Item from Unit 1 – Show an application of one of the concepts learned, examples: identify the parts of a small engine, safety rules for starting a small engine, small engine repair and tool identification.

Welding, Division 920

Purple \$5.00 Blue \$4.50 Red \$3.00 White \$2.00

***All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. All metal welding processes accepted.*

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.

ARCS & SPARKS

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 stating:

- 1) type of welding process (stick, MIG, TIG, Oxy-Acetylene, etc.)
- 2) kind of weld,
- 3) welder setting,
- 4) electrode/wire/rod size,
- 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. If no plans are included with welding article or welding furniture, item will be disqualified.

4-H Welding Project Tips and Suggestions: Class 1

- 1.) All welds should be made with the same electrode/wire/rod size and number.
- 2.) Welds should be made only on one side of metal so penetration can be judged.
- 3.) Welds should be cleaned with chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
- 4.) It is suggested that all welds be 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. A good 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 end. The correct way to weld narrow strips is to make short beads and allow time to cool, however this project requires a full-length bead.

***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

4-H Welding Project Tips and Suggestions: Class 2

- 1.) 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 1/4" thick. Suggested rods for this class of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014 and E-6010 for DC reverse polarity only.
- 2.) Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.

4-H Welding Project Tips and Suggestions: Class 3 & 4

2. 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.

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.

H92003 - Welding Art - (SF283) - any art created using tack welds to hold the metal pieces together (examples include horseshoe projects). Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have 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. 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.

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. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article.? Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

H92006. Plasma Cutter/Welder Design (SF279) – Plasma cutters/welders allowed for detailed design(s) to butt cut into metal. 4Hers will create a notebook describing the design process to create the “artwork” to butt cut into the metal. In the notebook include:

- a) A photo (front and back) of the finished project
- b) Instructions on how the design was created (include soft ward used), this allows for replication of the project.
- c) Lessons learned or improvements to the project.
- d) Steps to finish the project.

Class H92007 - 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.

OPEN CLASS EXHIBITS

- 1.) The fair is open to Furnas County or adjoining county residents.
- 2.) Entries will be received from 8:00 a.m. to 11:00 a.m. Tuesday, July 12th.
- 3.) All entries will be released, and premium(s) paid from 11:00 a.m. - 1:00 p.m. Saturday, July 16th.
- 4.) No article may compete for more than one prize.
- 5.) Exhibitors will forfeit premium money if exhibits are removed before release time.
- 6.) When there is no competition, exhibits may be awarded premium, if merit and judge so desires.
- 7.) Entries will be accepted for premiums only as listed in the premium book.
- 8.) The Fair Board will not be responsible for articles lost, broken,

- stolen or misplaced.
- 9.) All articles must be the work of and owned by the exhibitor.
 - 10.) An exhibitor can exhibit in only one area (Jr. Division or Regular Open Class)
 - 11.) Junior Division is age 11 years old or younger as of January 1st of current year. If exhibitor is entered in 4-H, they cannot enter in Junior Open Class, they must enter in Regular Open Class. Exhibitors in Junior Open Class may not exhibit in Regular Open Class.
 - 12.) Only one exhibit per class number unless noted otherwise.

Agricultural Products

Fruits

Blue \$2.50	Red \$1.50	White \$1.00
P925001 Apples – summer varieties (3)		P925007 Peaches (3)
P925003 Apricots (3)		P925008 Pears (3)
P925004 Crab Apples (3)		P925009 Plums (3)
P925005 Cherries (6)		P925010 Strawberries (6)
P925006 Grapes (2 bunches)		P925011 Other

Flowers

(5 stems unless otherwise noted)

P926001 Asters	P926016 Larkspur
P926002 Balsam	P926017 Lilies
P926003 Bachelor Buttons	P926018 Marigold
P926004 Bells of Ireland	P926019 Marigold (small)
P926036 Butterfly Bush	P926020 Mums
P926005 Blacked-Eyed Susan	P926021 Pansies
P926006 Cannas (3)	P926022 Periwinkle (Vinca)
P926007 Carnations	P926023 Petunias
P926008 Calendula	P926024 Phlox
P926009 Cocks Comb (3)	P926025 Pinks
P926027 Coneflowers	P926026 Roses <i>(3 or 1 in a rose bowl)</i>
P926010 Cosmos	P926027 Sedum
P926011 Daisies	P926028 Snapdragons
P926012 Dahlias (3)	P926029 Sunflowers (large) (1)
P926013 Gaillardia	P926030 Sunflowers (small)
P926014 Gladioli	P926031 Zinnias
P926015 Impatiens	

P926032 Zinnias (small)
P926033 Other
P926034 Cut Flower

Arrangement (3 varieties)
P926035 Ornamental Grasses
(10 stems)

Potted Plants

Blue \$2.50 Red \$1.50 White \$1.00

P927001 Potted Flowers
P927002 Potted Foliage Plant **P927003** African Violet
P927004 Collection of Potted Plants
P927005 Other Potted Plants

Farm Produce

Blue \$2.50 Red \$1.50 White \$1.00

(exhibits should be selected for the type, uniformity, quality and maturity)

P928001 Winter Wheat	P928008 Alfalfa
P928002 Spring Wheat	P928009 Millet
P928003 Winter Rye	P928010 Sudan Grass
P928004 Oats	P928011 Sorghum (forage)
P928005 Spring Barley	P928012 Sorghum (grain)
P928006 Winter Barley	P928013 Soybeans
P928007 Sweet Clover	

Corn

(grown during 2019-6 ears)

P929001 Corn - Yellow	P929003 Popcorn-Yellow
P929002 Corn - White	P929004 Popcorn-White

Stalk Display

(Four stalks with foliage. Display must be placed in boxes or heavy paper bags.
Ears of corn should be husked back for display)

P931001 Safflower	P931006 Milo - Red
P931002 Corn - Yellow	P931007 Milo - White
P931003 Corn - White	P931008 Sorghum (forage)
P931004 Corn - Sweet	P931009 Sudan
P931005 Popcorn	P931010 Sunflower

Vegetables

(Exhibit must contain number listed)

Blue \$2.50 Red \$1.50 White \$1.00

P932001 Beans - green (6)	P932003 Beets - table (4)
P932002 Beans - yellow (6)	P932004 Broccoli

P932005 Cabbage (1)
P932006 Carrots (6)
P932007 Cauliflower
P932008 Cucumber-pickling,
 under 5" (3)
P932009 Cucumber - slicing, 6" to
 8" (3)
P932010 Egg Plant
P932011 Lettuce - head (1)
P932012 Kohlrabi (3)
P932013 Muskmelon
P932014 Okra (6)
P932052 Onions - green (6)
P932015 Onions - yellow (5)
P932016 Onions - white (5)
P932017 Onions - red (5)
P932018 Parsnips (6)
P932019 Peppers - green bell (3)
P932020 Peppers - yellow bell (3)
P932021 Peppers - green chili (6)
P932022 Peppers - yellow
 banana (6)
P932023 Peppers - jalapeno (6)

P932024 Peppers - cayenne (6)
P932025 Potatoes - white (3)
P932026 Potatoes - red (3)
P932027 Pumpkin - pie (1)
P932028 Rhubarb - stalks (6)
P932029 Squash - banana (2)
P932030 Squash - button (2)
P932031 Squash - summer (3)
P932032 Squash - winter (3)
P932033 Squash - zucchini (2)
P932034 Sweet Corn - ears (3)
P932035 Tomatoes - salad (6)

P932036 Tomatoes - standard red
 (3)
P932037 Tomatoes - standard
 yellow (3)
P932037 Turnips (3)
P932037 Watermelon
P932037 Other
P932037 Best Mixed Exhibit - at
 least 5 varieties - \$6.00

Herbs

Blue \$2.50 Red \$1.50 White \$1.00

(Those grown for seed, such as dill, should be exhibited on a plate. Those grown for their leaves, such as parsley, should be exhibited in a glass container of water).

P932042 Basil (5)
P932043 Dill (5)
P932044 Garlic - bulbs (5)
P932045 Mint (5)
P932046 Oregano (5)
P932047 Parsley (5)
P932048 Sage (5)
P932049 Thyme (5)
P932050 Any other Herb

Largest Specimen

Blue \$3.00

P933001 Beet
P933002 Broccoli
P933003 Cabbage
P933004 Cucumber
P933005 Cauliflower
P933006 Egg Plant
P933007 Muskmelon
P933008 Onion
P933009 Pepper
P933010 Potato
P933011 Pumpkin
P933012 Squash - summer

P933013 Squash - winter
P933014 Squash - zucchini
P933015 Tomato

P933016 Turnip
P933017 Watermelon

Oddest Specimen

Blue \$3.00

P934001 Oddest Specimen

Specialty

Blue \$2.50

Red \$1.50

White \$1.00

P935001 Honey - cone (1)

P935005 Eggs (brown/white)

P935002 Honey - jar (1)

P935006 Meat Jerky

P935003 Dried Fruit

P935007 Dried Vegetable

P935004 Dried Fruit Leather

Baked Goods

(No refrigerated items allowed)

Yeast Breads

(NO bread Machine)

Blue \$3.00

Red \$2.50

White \$2.00

P936001 White Loaf

P936006 Cinnamon Rolls (6)

P936002 Wheat Loaf

P936007 Sweet Rolls – Frosted (6)

P936003 Rye Loaf

P936008 Sweet Rolls – Filled (6)

P936004 Dinner Rolls - wheat (6)

P936050 Other

P936005 Dinner Rolls - white (6)

Quick Breads

Blue \$2.50

Red \$1.50

White \$1.00

P936009 Cornbread

P936013 Banana Bread

P936010 Coffee Cake

P936014 Zucchini Bread

P936011 Muffins (4)

P936015 Other

P936012 Biscuits (4)

Cookies

(Four on a plate)

Blue \$2.50

Red \$2.00

White \$1.50

P936016 Chocolate Chip

P936022 Peanut Butter

P936017 Brownies

P936023 Pinwheel

P936019 Filled

P936024 Bar

P936021 Oatmeal

P936025 Other

Cakes

(frosted/unfrosted)

Blue \$3.00
P936026 Angel Food
P936027 Sponge
P936028 Burnt Sugar
P936029 Chocolate

Red \$2.50

White \$2.00
P936030 White
P936031 Spice
P936052 Bunt
P936032 Other

Decorated Cakes

(Does not have to be a real cake – judged on decorations only)

Blue \$3.00
P936033 Birthday
P936034 Holiday
P936035 Novelty

Red \$2.50

White \$2.00
P936036 Wedding
P936037 Other

Pies

Blue \$3.00
P936055 Apple
P936059 Pecan
P936056 Berry
P936060 Rhubarb
P936057 Cherry

Red \$2.50

White \$2.00
P936058 Peach
P936061 Other

Candy

(5 pieces)

Blue \$3.00
P936039 Boston Creams
P936040 Caramels
P936041 Chocolate Clusters
P936042 Divinity
P936043 Fondant
P936049 Most Attractive Display – At least 3 varieties \$5.00

Red \$2.50

White \$2.00
P936044 Fudge
P936045 Mints
P936046 Peanut Brittle
P936047 Penuche
P936048 Other

Canned Goods

(Standard quart or pint jars with new lids must be used, standard pint or 1/2-pint jars maybe used for preserves, jellies, butter or jam)

Blue \$2.50

Red \$1.50

White \$1.00

Fruit

P937001 Apricots
P937002 Apples
P937005 Plums
P937006 Applesauce

P937003 Pears
P937004 Peaches
P937007 Other

Vegetables

P938001 Green Beans
P938002 Beets
P938003 Carrots
P938004 Tomatoes
P938005 Wax Beans

P938006 Corn
P938007 Sauerkraut
P938008 Tomato Juice
P938009 Other

Fruit Butter

P939001 Apple
P939002 Apricot
P939003 Peach

P939004 Plum
P939005 Other

Jams

P940010 Apple
P940011 Apricots
P940012 Chokecherry
P940013 Grape
P940014 Peach
P940015 Strawberry
P940016 Rhubarb

P940017 Pear
P940018 Plum
P940019 Blueberry
P940020 Cherry
P940021 Raspberry
P940032 Other

Jellies

P940022 Apple
P940023 Chokecherry
P940024 Grape
P940025 Plum
P940026 Apricot

P940027 Peach
P940028 Strawberry
P940029 Currant
P940030 Other

Sour Pickles

P941001 Beet
P941002 Crab Apple
P941003 Cucumber
P941004 Bread and Butter

P941005 Pepper
P941014 Jalapeno
P941015 Other

Sweet Pickles

P941007 Beet
P941008 Crab Apple
P941009 Cucumber
P941010 Bread and Butter

P941011 Watermelon
P941012 Relish
P941013 Other

Sauces

P942001 Pizza
P942002 Spaghetti
P942003 Salsa

P942004 Ketchup
P942005 Other

Meat

P943001 Beef
P943002 Chicken

P943003 Mincemeat
P943004 Other

Fine Arts

(Please bring all items in plastic bags. All needlework articles must be clean and show no signs of wear. Must be completed after August 1, 2019)

Kitchen Accessories

Blue \$2.00	Red \$1.00	White \$.75
P950001 Potholders (2)		P950003 Hand Towels (3)
P950002 Dish Clothes (2)		P950004 Place Mats (2)

Tablecloth

(any size)

Blue \$6.00	Red \$4.00	White \$2.00
P950010 Crochet		P950012 Embroidery
P950011 Machine Design		P950013 Other

Table Runner

Blue \$5.00	Red \$3.00	White \$2.00
P950015 Counted Cross Stitch		P950018 Embroidery
P950016 Crochet		P950019 Other
P950017 Tatting		

Pillowcases

(a pair)

Blue \$3.00	Red \$2.00	White \$1.00
P950022 Embroidery		P950023 Other

Tea Towels

(4 or more)

Blue \$3.00	Red \$2.00	White \$1.00
P950025 Embroidery		P950026 Painted

Dresser Scarves

Blue \$4.00	Red \$3.00	White \$2.00
P950005 Counted Cross Stitch		P950008 Quilted
P950006 Crochet		P950009 Other
P950007 Tatting		

Dollies

Blue \$4.00	Red \$3.00	White \$2.00
P950028 Crochet		P950030 Embroidery
P950029 Tatting		P950031 Other

Throw Pillows

Blue \$3.00	Red \$2.00	White \$1.00
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P951001 Candlewick
P951002 Crewel
P951003 Counted Cross Stitch
P951004 Crochet
P951005 Knitted

P951006 Embroidery
P951007 Needlepoint
P951008 Pieced
P951009 Appliqué
P951010 Other

Quilts

(Hand Pieced or Hand Quilted)

Blue \$8.00

Red \$6.00

White \$4.00

P952001 Embroidery

P952004 Counted Cross Stitch

P952002 Pieced

P952005 Other

P952003 Appliqué

Machine Quilted

P952006 Embroidery

P952009 Cross Stitch

P952007 Pieced

P952010 Lap

P952008 Appliqué

P952011 Other

Baby Quilts

(Hand Pieced or Hand Quilted)

Blue \$6.00

Red \$4.50

White \$3.00

P952013 Quilts

P952043 Quilt - Childs Twin

P952014 Quilts - Baby

P952044 Other

P952042 Quilts - Lap

Quilts

(tied)

Blue \$6.00

Red \$4.50

White \$3.00

P952016 Pieced

P952019 Counted Cross Stitch

P952017 Appliqué

P952020 Other

P952018 Embroidery

P952021 Panel

Baby Quilts

(tied)

Blue \$6.00

Red \$4.50

White \$3.00

P952036 Pieced

P952039 Counted Cross Stitch

P952037 Appliqué

P952040 Other

P952038 Embroidery

Heirloom Quilts

(old quilt blocks or tops that the exhibitor has finished and hand-quilted)

Blue \$8.00

Red \$6.00

White \$4.00

P952002 Heirloom Quilts

Quilted Wall Hangings

(hand quilted)

Blue \$6.00 Red \$4.00 White \$2.00

P952023 Pieced

P952026 Counted Cross Stitch

P952024 Appliqué

P952027 Other

P952025 Embroidery

P952028 Panel Wall Hanging

Quilted Wall Hangings

(machine quilted)

Blue \$4.00 Red \$2.00 White \$1.00

P952030 Pieced

P952033 Counted Cross Stitch

P952031 Appliqué

P952034 Other

P952032 Embroidery

P952035 Panel Wall Hanging

Afghan

(handmade – must all be knitted or crochet)

Blue \$8.00 Red \$6.00 White \$4.00

P953001 Crochet

P953002 Knit

P953003 Swedish Weave

Baby Afghan

(handmade - must all be knitted or crochet)

Blue \$6.00 Red \$4.50 White \$3.00

P953004 Crochet

P953005 Knit

Knitted Garment

(machine knitted)

Blue \$3.00 Red \$2.00 White \$1.00

P953007 Knitted Garment

Knitted Garment

(hand knitted)

Blue \$4.00 Red \$3.00 White \$2.00

P953009 Stole/Shawl

P953012 Dress

P953011 Sweater

P953013 Baby Garment

P953010 Hat

P953022 Doll Outfit

Crochet Garments

Blue \$4.00 Red \$3.00 White \$2.00

P953016 Stole/Shawl

P953019 Dress

P953018 Sweater

P953020 Baby Garment

P953017 Hat

P953023 Doll Outfit

Blue \$2.00 Red \$1.50 White \$1.00

P953021 Other - scarves, slippers, booties, etc.

Design on Garments

Blue \$4.00 Red \$3.00 White \$2.00

P954001 Appliqué

P954004 Painted

P954002 Embroidery

P954005 Other

P954003 Counted Cross Stitch

Machine Embroidery

Blue \$4.00 Red \$3.00 White \$2.00

P954030 Clothing

P954033 Table Clothes

P954031 Napkins

P954034 Other

P954032 Quilts

Champion Needlework

(may be entered at State level) Best of County Needlework \$25.00

Machine Made Garments

(garments must have been made since 8/1/2019)

Blue \$4.00 Red \$3.00 White \$2.00

Baby

P955001 Dress

P955003 Sleepwear

P955002 Suit

P955004 T-Shirt

Children

P955005 Dress

P955010 Coat or Jacket

P955006 Blouse and/or Skirt

P955011 Sleepwear

P955007 Girl's Slacks

P955012 T-Shirt

P955008 Boy's Shirt

P955013 Formal

P955009 Boy's Pants

Ladies

P955014 Skirt

P955017 Sleepwear

P955015 T-Shirt

P955018 Blouse

P955016 Slacks

P955019 Vest

Blue \$5.00 Red \$3.50 White \$2.50

P955020 Dress

P955021 Jacket

Blue \$6.00 Red \$5.00 White \$4.00
P955022 Formal P955023 Suit P955024 Pants Suit

Men's

Blue \$3.00 Red \$2.00 White \$1.00
P955025 T-Shirt
Blue \$3.00 Red \$2.50 White \$1.00
P955026 Pants P955028 Sweatshirt
P955027 Shirt

Doll Garments

Blue \$2.50 Red \$2.00 White \$1.00
P955040 Shirt P955044 Pants
P955041 Shirt P955045 Shoes
P955042 Dress P955046 Accessories
P955043 Sleepwear P955047 Other

Repurposed Clothing

(something new made from something old)

Blue \$3.00 Red \$2.00 White \$1.00
P955030 Baby Clothes P955034 Men's
P955031 Boy Clothes P955035 Accessories
P955032 Girl's Clothes P955036 Other
P955033 Women's

Christmas Quilts

(hand or machine quilted)

Blue \$8.00 Red \$6.00 White \$4.00
P963001 Pieced P963004 Counted Cross Stitch
P963002 Appliqué P963005 Other
P963003 Embroidery

Wall Hanging

(hand or machine quilted)

P963006 Pieced P963009 Counted Cross Stitch
P963007 Appliqué P963010 Other
P963008 Embroidery

Table Accessories

Blue \$5.00 Red \$3.00 White \$1.00
P963011 Tablecloth P963013 Runner
P963012 Placemats (4) P963014 Other

Picture

P956045 Other

P956063 Necklace

P956064 Bracelet

P956065 Earrings

Jewelry

P956066 Set - necklace,
bracelet, earrings

P956067 Other

Hair Accessories

P956096 Bow

P956097 Barrette

P956098 Novelty

P956099 Other

Needlework

(must be framed)

P956070 Embroidery

P956071 Counted Cross Stitch

P956072 Appliqué

P956073 Pieced

P856074 Crochet

P956075 Other

Stuffed Toy

P856017 Crochet

P956018 Sewn

P956019 Other

China Painting

P956001 Plate

P956002 Cup & Saucer

P956003 Doll

P956020 Other

Painting

P956060 On Wood

P956061 On Metal

Stained Glass

(must be foiled or leaded glass)

P956050 Picture

P956051 Wall Hanging

P956052 Other

Mosaic

P956077 Tabletop

P956078 Vase

P956079 Steppingstone

P956080 Other

Doll

P956024 Sculptured

P956025 Crochet

P956027 Other

Woodworking

P956030 Carving

P956031 Functional

P956032 Novelty

P956033 Toy

P956034 Wood Burning

P956035 Wood Crafts -
Functional

P956036 Wood Crafts -

Indoor Decorative
P956037 Wood Crafts -
Outdoor Decorative

P856038 Wood Crafts - Other
P956039 Other

Homemade

P956090 Container Candle
P956091 Candle
P956092 Bath Salts

P956093 Bar Soap
P956094 From Kit
P956095 Other

Yard Ornaments

P956085 Wood
P956086 Metal

P956087 Other

Artwork

(must be original and must be framed or matted)

P957001 Charcoal
P957002 Ink
P957003 Pastel

P957004 Pencil
P957005 Colored Pencil
P957006 Other

Artwork

(clay)

P957010 Pottery

P957011 Sculpture

Crafts

P964001 Handmade Greeting
Card
P964002 Leather Craft
P964003 Steppingstone
P964004 Beading

P964005 Sewing - Machine
Made
P964006 Sewing - Handmade
P964007 Miscellaneous
P964008 Other

Painting

(must be original)

P958006 Acrylic
P958007 Oil
P958008 Watercolor

P958009 Models
P958010 Other

Flower Arrangement

(dried, paper or silk)

Blue \$2.50 Red \$2.00 White \$1.00

P959001 Wreath
P959002 Swag
P959003 Center Piece - table top

Scrapbooking

Blue \$2.00 Red \$1.50 White \$1.00

P973001 Single Page

Blue \$4.00 Red \$3.00 White \$2.00

P973002 Small Book - 10 pages or less

P973003 Large Book - 11 pages or more

Photography

(all pictures must be matted, maximum size 8"x10")

Blue \$2.50 Red \$2.00 White \$1.50

P960001 Scene - color

P960002 Animal(s) - color

P960003 Still Life - color

P960004 People - color

P960005 Scene - black & white

P960006 Animal(s) - black & white

P960007 People - black & white

P960008 Still Life - black & white

P960009 Scene - sepia

P960010 Animal(s) - sepia

P960011 People - sepia

P960012 Still Life - sepia

P960013 Panoramic

P960014 Photo Story - 3 pictures

P960015 Computer Enhanced

P960016 Other

Miscellaneous

Blue \$4.00 Red \$3.00 White \$2.00

P961001 Original

P961002 Made from a Kit

P961003 Machine Made

P961004 Handmade

P961005 Other

Rest Home Hobbies

(participation ribbon - \$2.50)

P962001 Ceramics

P962002 Embroidery

P962003 Crochet

P962004 Knitting

P962005 Tattling

P962006 Other Craft

JUNIOR OPEN CLASS EXHIBITS

(For ages 11 years old and younger as of January 1st of current year)

See rules under Open Class Exhibits. Junior open exhibits are to be entered at the East end of the Open Class Building. If entered in 4-H, cannot be entered in Junior Open Class. Exhibitors in Junior Open Class may not exhibit in Regular Open Class. Exhibitors are limited to 2 entries per class numbers, (exhibits must be different skills, etc.). Entries will be judged according to exhibitor's age. Judges have final decisions on all placings.

Blue \$1.00 Red \$.75 White \$.50

Vegetables & Fruit

- | | |
|---|--|
| P965001 Beans - Yellow or Green
(6) | P965016 Cucumbers - slicers (2) |
| P965002 Beets | P965017 Cucumbers - pickled (2) |
| P965003 Squash | P965018 Green Peppers (1) |
| P965004 Tomatoes | P965019 Cherries (6) |
| P965005 Carrots | P965020 Apples |
| P965006 Cabbage | P965021 Herbs |
| P965007 Potatoes | P965022 Miscellaneous |
| P965008 Pumpkin (1) | P965023 Vegetables or Fruit -
canned |
| P965010 Melons | P965024 Onions - red (2) |
| P965011 Berries | P965025 Onions - white (2) |
| P965013 Farm Crops - stalks | P965026 Turnip |
| P965014 Radishes | P965027 Zucchini |
| P965015 Sweet Corn - in husk (1) | P965028 Other |

Largest Specimen

- | | |
|-------------------------|------------------------|
| P966001 Tomato | P966007 Radish |
| P966002 Potato | P966008 Pepper |
| P966003 Beet | P966009 Turnip |
| P966004 Squash | P966010 Cabbage |
| P966005 Cucumber | P966011 Other |
| P966006 Pumpkin | |

Flowers

- | | |
|----------------------------------|--|
| P967001 Gladioli | P967011 Roses |
| P967002 Petunia | P967012 Mixed Bouquet |
| P967003 Mums | P967013 Pansies |
| P967004 Zinnia | P967014 Snapdragons |
| P967005 Marigold | P967015 Daisies |
| P967006 Impatiens | P967016 Plant - potted
(flowering) |
| P967007 Zinnia - small | P967017 Miscellaneous |
| P967008 Plants - potted | P967018 Lilies |
| P967009 Cacti | P967019 Sunflowers |
| P967010 Marigolds – small | |

Hobbies

- | | |
|--|------------------------------|
| P968001 String Art | P968005 Chalk Picture |
| P968002 Painted Picture | P968006 Stenciling |
| P968003 Crayon Picture
(9 yrs. & under, must be
original) | P968007 Sketches |
| P968004 Marker Picture | P968008 Ceramics |
| | P968009 Needle Point |
| | P968010 Cross Stitch |

P968011 Photo - person
P968012 Photo - landscape
P968013 Photo - miscellaneous
P968014 Holiday Decorations
P968015 **Leather Craft**
P968016 Woodworking (carving, burning, constructed item)
P968017 Models (car, airplane, etc.)
P968018 Stained Glass
P968019 Bead Works
P968020 Stamping
P968021 Kit Artwork

P968022 Candle Making
P968023 Fuzzy Posters
P968024 Magnets
P968025 Quilting
P968026 Fun Foam
P968027 Legos/K'nex Structures
P968028 Sand Art
P968029 Pottery
P968030 Outdoor Decoration
P968031 Sewing
P968032 Miscellaneous
P968033 Self Portraits
P968034 Steppingstone
P968035 Other

Baked Goods

(please wrap all baked goods or seal them in zip lock bags)

P969001 Cookies (3)
P969002 Cookies - decorated (3)
P969003 Cupcakes (2)
P969004 Cupcake - decorated (1)
P969005 Brownie (1)
P969006 Krispy Square (1)
P969007 Bar Cookies (3)
P969008 Muffin (1)
P969009 Quick Breads - banana, zucchini, etc. (1 slice)
P969010 Yeast Bread (1 mini loaf)
P969011 Yeast Bread (2 rolls)
P969012 Pie
P969013 Other

Clothing

P970001 Clothing - simple
P970002 Painted Article - shoes, shirt, etc.
P970003 Stenciled Article - shoes, shirt etc.
P970004 Pillows
P970005 Costume
P970006 Tie Dye
P970007 Bag
P970008 Decorated Article
P970009 Miscellaneous

Recycling

(exhibited item must be made out of recycled material and have a new purpose)

P973001 Paper
P973002 Plastics
P973003 Clothing - (simple secondhand article redesigned)
P973004 Tin Cans
P973005 Aluminum Cans
P973006 Glass

P973007 Miscellaneous

Small Animals

(Exhibitor is responsible for the care of the animal - judging will start at 8:00 a.m. and take place in the show arena West of Open Class Building)

P972001 Rabbit

P972005 Dog

P972002 Duck P972003 Hen

P972006 Cat

P972004 Rooster

P972007 Other

GRAND CHAMPION AWARD SPONSORS

SHOWMANSHIP BELT BUCKLES

- Senior Beef**– MNB Reality, Arapahoe
- Intermediate Beef**– Warner Beef Genetics, Arapahoe
- Junior Beef**– Furnas County Livestock Association
- Senior, Int., & Junior Sheep** - Banner Capital Bank, Beaver City
- Senior, Int., & Junior Goat**– Banner Capital Bank, Beaver City
- Senior Swine** – Farm Credit Services of America, McCook
- Intermediate Swine**– LandMark Implement, Arapahoe
- Junior Swine**– Furnas – Harlan Farm Bureau

BEEF

- Market Beef** - First Central Bank, (Cambridge - Arapahoe - Edison); First State Bank, Cambridge
- Market Steer** – Oxford Supermarket
- Market Heifer** – Deterding Land & Cattle, Cambridge
- Beef Breeding** – Snowy Hill Cattle, Beaver City
- Stocker-Feeder Steer**-Five Arrows Boutique, Arapahoe
- Stocker-Feeder Heifer** - Farm Credit Services of America, McCook
- Rate of Gain - Steer** - Warner Beef Genetics, Arapahoe
- Rate of Gain - Heifer** - Five Arrows Boutique, Arapahoe
- Pen of Three** - Beaver City Lions Club

SWINE

- Market Swine** - Breinig Truck & Trailer, Arapahoe; Cambridge FFA Chapter
- Market Gilt** - Bose Show Pigs, Mark, Michael & Jordan Bose, Oxford
- Market Barrow** -Hayes Construction, Cambridge
- Breeding Gilt** - Becker Bros. Feed, Inc., Beaver City
- Pen of Three** – Sayer Farm & Ranch – Jared & Julie Sayer

SHEEP

- Market Lamb** – Carl & Ella Rea tenBensel Memorial; Hemelstand’s Inc., Arapahoe
- Market Wether** – Laborie Land Works, LLC., Beaver City
- Market Ewe** - First State Insurance, Carey Rohr, CISR
- Breeding Ewe** – Hunt – Trenchard Show Lambs, Beaver City
- Breeding Ram** – Hunt – Trenchard Show Lambs, Beaver City
- Sheep Rate of Gain** - Vic & Nancy Knutson, Wilsonville
- Pen of Three** – Kaufman Trailers, Beaver City

GOAT

- Champions** - Prairie Sunset Farm, Cambridge; Five Arrows Boutique, Arapahoe; Southern Valley FFA Chapter
- Goat Rate of Gain** – Breinig Farms; Arapahoe

GRAND CHAMPION AWARD SPONSORS

HORSE

Horse Overall Senior High Point Buckle – Banner Capital Bank, Beaver City

Overall Senior Reserve - LandMark Implement, Arapahoe

Overall Junior Reserve - LandMark Implement, Arapahoe

Senior Horsemanship Champ - Hayes Construction, Cambridge

Senior Horsemanship Reserve - Wyatt & Makayla Livingston, Oxford

Junior Horsemanship Champ - First Central Bank, Cambridge-Arapahoe-Edison

Junior Horsemanship Reserve - Waypoint Bank, Cambridge

Senior Poles Champ - Tracey Hunt, Beaver City

Senior Poles Reserve - Furnas – Harlan Farm Bureau

Halter Class – Geldings Champ - South Central State Bank, Oxford

Halter Class – Geldings Reserve - LandMark Implement, Arapahoe

Walk / Trot Champ - Carl & Ella Rea tenBensel Memorial, Cambridge

Senior Barrels Champ - ATC Communication, Arapahoe

Senior Barrels Reserve - Furnas – Harlan Farm Bureau

Junior Barrels Reserve - Mark's Pharmacy, Cambridge & Arapahoe

Team Roping – Heeler Reserve - Southwest Farm & Auto Supply LLC, Curtis

Team Roping – Header Reserve – Bruce & Darla Blickenstaff, Wilsonville

Senior Pleasure Reserve - LandMark Implement, Arapahoe

Junior Pleasure Reserve - LandMark Implement, Arapahoe

Senior Trail Champ – Furnas – Harlan Farm Bureau

Senior Trail Reserve - LandMark Implement, Arapahoe

Junior Trail Reserve - LandMark Implement, Arapahoe

Senior Reining Reserve - LandMark Implement, Arapahoe

Junior Reining Reserve - First State Bank, Holbrook

Junior Showmanship Champ - Lockenour-Jones Mortuary, Cambridge

ROUND ROBIN BELT BUCKLES

Senior Champion Showman - First State Insurance - Carey Rohr, CISR

Intermediate Champion Showman - Becker Bros. Feed Inc., Beaver City

JUDGING CONTEST AWARDS

Livestock – Sr. Division - Farm Credit Services of America, McCook

Livestock - Jr. Division -Arapahoe FFA Chapter

Life Challenge - Lynette Brown Memorial

Favorite Food Revue Sr. Division - Tri Valley Health System, Cambridge

Favorite Food Revue Jr. Division – Pinpoint Communications, INC,
Cambridge

GRAND CHAMPION AWARD SPONSORS

STATIC

- Sr. Food Exhibit** - Kelly's Market, Beaver City
- Jr. Food Exhibit** – Deterding Land & Cattle, Cambridge
- Sr. Clothing Exhibit** - Wagner's Quilts & Conversation, Arapahoe
- Jr. Clothing Exhibit** - LandMark Implement, Arapahoe
- Sr. Fashion Show Contestant** - Fox Insurance Services, Oxford,
- Jr. Fashion Show Contestant** – Deterding Land & Cattle, Cambridge
- Sr. Home Environment Exhibit** -G.W. Shafer & Son, Beaver City
- Jr. Home Environment Exhibit** – Weavers One Stop, Beaver City
- Sr. Miscellaneous Exhibit** - Hemelstrand's Inc., Arapahoe
- Jr. Miscellaneous Exhibit** - LandMark Implement, Arapahoe
- Sr. Engineering Exhibit** - Carl & Ella Rea tenBensel Memorial, Cambridge
- Jr. Engineering Exhibit** - LandMark Implement, Arapahoe
- Sr. Photography Exhibit** – Valley Voice, Cambridge
- Jr. Photography Exhibit** - LandMark Implement, Arapahoe
- Sr. Horticulture Exhibit** - Mark's Pharmacy/Shirley k's, Cambridge
- Jr. Horticulture Exhibit** - Nutrien Ag Solutions, Oxford
- Sr. Floriculture Exhibit** - Blooms & Collectables, Cambridge
- Jr. Floriculture Exhibit** - LandMark Implement, Arapahoe
- Sr. Ag Exhibit** - Lockenour-Jones Mortuary, Cambridge
- Jr. Ag Exhibit** – Nutrien Ag Solutions, Oxford
- Rabbit Exhibit** - Five Arrows Boutique, Arapahoe
- Poultry Exhibit** - ATC Communications, Arapahoe
- Rabbit & Poultry Showmanship** -B&L Rabbit, Inc., Red Cloud
- Poultry Showmanship Buckle** – Sayer Farm & Ranch – Jared & Julie Sayer
- Small Animal** - Theobald Ag Enterprises, Travis & Dolly Theobald

GENERAL 4-H CONTRIBUTION

- Beaver City Library
- Waypoint Bank, Cambridge
- Duncan, Walker, Schenker & Daake P.C., L.L.O., Oxford
- W & J Carpenter, INC, Cambridge
- Tri Valley Health System, Cambridge
- Pinpoint Communications INC, Cambridge

THANK YOU

To our volunteers, exhibitors, families,
clubs, organizations, and award sponsors
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FURNAS COUNTY FAIR!