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**WELCOME TO
2024 MERRICK COUNTY FAIR
JULY 27 - 31
4-H, FFA & OPEN CLASS EXHIBITS**

Merrick County Fairboard-308-940-0884

Merrick County Extension Office-308-946-3843

**YOUR MERRICK COUNTY AGRICULTURAL
AND FAIR ASSOCIATION**

Russ Kucera.....President
Isaac Jefferson.....Vice President
Troy Wells.....Secretary
Brad Wells.....Treasurer

BOARD OF DIRECTORS

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Emily Soll, Extension Educator
Steve Melvin, Extension Educator
Cindie Hostler, Office Manager
Kara L. Wells, Extension Assistant
Sherry Siwinski, Office Aide

FAIR SUPERINTENDENTS

Emily Soll- 4-H Division
Miriam Wells – Open Class Farm Produce
Theresa Lawrence and Eddra Ritta – Open Class Floral
Karen Knight-Kutschkau and Jean Waggoner – Open Class
Needlework, Fine Arts & Misc.
Marie Jensen - Open Class Foods and Preservation
Mollie Nielsen - Open Class Poultry and Rabbits

2024 MERRICK COUNTY 4-H COUNCIL

Justin Ferris, President
Matt Mottl, Vice President
Shanien Schmierer, Secretary
Heath Reimers, Treasurer
Ryan Kucera, East Representative
Chase Samuelson, West Representative
Valerie Morrison, Central Representative
Jen Myers, At-Large Representative
Kayden Tyan, Jr. Leader East Representative
Lane Mottl, Jr. Leader West Representative
Londyn Fisher, Jr. Leader Central Representative
Brady Myers, Jr. Leader At-Large Representative

MERRICK COUNTY 4-H AMBASSADORS

Keir Albert 2023-2024
Shelby Hostler 2023-2024
Makenna Mottl 2024-2025
Chloe Jefferson 2024-2025

**RULES AND REGULATIONS
MERRICK COUNTY'S 73rd
FREE FAIR**

- 1) Exhibits will get their entry card at each department where they wish to enter articles.
- 2) Open Class entries should be made **Sunday, July 28, 1:00 - 4:00 p.m.**
- 3) 4-H static exhibits will be entered on **Thursday, July 25, 1:00 p.m. - 5:00 p.m., Friday July 26, 8:00 a.m.-5:00 p.m., and Saturday, July 27, 8:00 a.m. - 12:00 p.m.**
- 4) Livestock exhibits will be entered **Sunday, July 28**
 - Youth poultry and rabbits must be in place by 4:00 p.m. on **Saturday, July 27.**
 - Youth hogs must be in place by 11:00 a.m.
 - Youth sheep and goats must be in place by 1:00 p.m.
 - Youth market beef must be in place by 2:30 p.m.
 - Youth breeding beef must be in place by 3:30 p.m.
 - Youth bucket calves must be in place by 4:00 p.m.
- 5) No ribbon will be given out until animals are properly checked-in with the superintendent of that area. Animals are judged according to merit.
- 6) All livestock owners will have their pens cleaned by 8:00 a.m. each day and put pen cleanings in the designated area.
- 7) Exhibit building will be open Monday, Tuesday, and Wednesday from 8:00 a.m. - 9:00 p.m.
- 8) 4-H Static Exhibits may begin release at 8 p.m. on Wednesday. 4-H Livestock must not be removed until after midnight. Open Class exhibits will be released from 8:00 a.m. - 10:00 a.m. on Thursday. Premiums will be paid at that time for Open Class only.

4-H AND FFA DEPARTMENT

- 1) It is the policy of the University of Nebraska - Lincoln, Institute of Agriculture and Natural Resources and Merrick County 4-H Council not to discriminate based on sex, age, handicap, race, color, religion, marital status, veteran status, national or ethnic origin or sexual orientation.
- 2) All exhibits are at the exhibitor's risk. The Merrick County Ag Society and Merrick County 4-H Council are not responsible for any damage, loss or death to an exhibit or animal.
- 3) If a project item or animal is shown at another county's fair as a 4-H or FFA project, it is **NOT** eligible for competition in Merrick County. It will be disqualified.
- 4) Judges will place awards based on merit. They will be instructed to use the group method similar to the plan followed by the Nebraska State Fair, whereby exhibits of nearly equal merit will receive equal ribbons. The judge's decision will be final in all classes. Awards will be given according to the rules and regulations set forth in this premium list.

Purple - Superior Blue - Excellent Red - Good White - Needs Improvement Orange- Flops Lime Green- Afterschool Project

- 5) **4-H AGE REGULATIONS** - The age regulations for Merrick County 4-H membership as determined by the Merrick County 4-H Executive Council shall be that a member must be 8 years of age on December 31st of the previous year (turn 9 during the current year) and the last year of eligibility is 4-H age 18 on December 31st (or the calendar year the member becomes 19).
- 6) FFA members may exhibit livestock until the age of 21. Enrollment must be confirmed with the FFA Advisor. Annual quality assurance training through Youth for the Quality Care of Animals (YQCA) must be completed online at yqca.org by July 10.
- 7) 4-H and FFA members show together in livestock, crops, and plant science. The total number of animals shown is indicated at the beginning of each species area. 4-H and FFA will follow the rules according to this fairbook.

CLOVER KIDS GUIDELINES: Clover Kids classes can be found on page 66.

- a) The 4-H Clover Kid Program is for youth between the ages 5-7 years old by January 1 of the current calendar year. 4-H Clover Kid exhibitors must be enrolled as a 4-H member by June 15.
- b) Clover Kid animal exhibits are to be no more than six months of age and no more than 350 pounds at time of show, with the exception of small animals (dog, cat, etc.) Age, size, and temperament of animal projects must be appropriate for the exhibitor's age and size. Clover Kids will only show in showmanship classes, no market or breeding classes. The horse project is not available for Clover Kids.
- c) Clover Kids may exhibit at the county fair and participate in 4-H contests receiving special ribbons with a premium of \$1.00. However, they will not be eligible for participation in the Livestock Sale, and will not be considered for any incentive, championship, trophy, medal, or plaque competition on an individual basis. They will be considered as part of a club competition in such activities as herdsmanship, performing arts or club contest.

ELIGIBILITY REQUIREMENTS FOR EXHIBITORS: An exhibitor must be a 4-H member enrolled in the project they are exhibiting.

- 8) All 4-H exhibits that do not conform to the specs, rules and regulations set forth in this premium list will drop one ribbon placing.
- 9) Be sure to check the number of entries per project and entry number for each division. **All projects other than livestock have only one entry per class number.**
- 10) Premiums will be paid when the 4-H member submits a completed Achievement Application to the Ext. Office **by October 1**. Premium money will be available at the year-end 4-H Achievement Celebration. If premium money is not picked up by Dec 1, monies will be turned back to the Merrick County Ag Society.
- 11) An * indicates an exhibit is eligible for State Fair. All items eligible for State Fair must receive a purple ribbon. The last year of eligibility is the calendar year the member becomes 19 years of age.
- 12) All exhibitors showing any animals are required to wear the required 4-H/FFA T-Shirt, black/blue jeans, and closed toe shoes. Hats, caps or other headgear are prohibited. Exhibitors in the horse show will wear a long white sleeve shirt or blouse, dark blue jeans, boots, hat and a 4-H armband. The 4-H armband may be purchased for \$3.00.
- 13) An exhibit or exhibitor must be at least purple ribbon quality before a rosette or award is awarded, and the judge must deem it worthy of the award.
- 14) Substance Abuse - Use or possession of tobacco, alcoholic beverages, or drugs (except for medical purposes) by any exhibitor who is participating in 4-H/FFA at the Merrick County Fair will result in immediate disqualification of that exhibitor's entry.

15) PROTESTS

- a) The respective division superintendent has the authority to make appropriate decisions based on the Premium List, and these will be adhered to by all.
- b) A committee shall be appointed to serve as a protest group. They will meet daily if needed to act upon concerns. All protests must be submitted in writing and signed. Written protests must be submitted to the Extension Educator. He/She will then convene the committee for their deliberation.
- c) The written protest must include: **1)Names of persons involved. 2)Nature of concerns. 3)Situation and documentation. 4)Recommendations for correction. 5)Specific action, rule, etc. in question. 6)Additional persons committee may contact for further clarification. (two Fairboard, two 4-H Council) 7)Procedures and/or steps carried out by person involved prior to submission to the Extension Educator.**
- d) The committee will review the written protest. They may discuss the situation with affected persons and show officials to include county fair management if appropriate, to make a final decision. The committee will recommend appropriate action to management in writing. The recommendations will be followed and communicated both verbally and in writing to the group or individual affected.
- e) In case of protest the exhibitor may be allowed to show but results of showing will be subject to change based on the outcome of the protest process. This allows for smooth operation of the show and facilitates appropriate processing.
- f) The management reserves the right to withhold premium and/or award. The exhibitor may also be excluded from the show if action warrants.
- g) The appeals process is limited to the 4-H/FFA exhibitor, 4-H/FFA parent or registered 4-H volunteer leader.
- h) Protests will not be accepted after the exhibit is released from the 4-H Division.

- 16) **Member/Parent Code of Conduct**-Character Development is the cornerstone of the 4-H program, and therefore we expect all people involved with the 4-H program to exemplify the six pillars of character, which are Trustworthiness, Respect, Responsibility, Fairness, Caring, and Citizenship. Please make yourself aware of these expectations.
- Treat members, parents, Extension staff, judges and others with respect, courtesy and consideration. Avoid and prevent put-downs, insults, name-calling, yelling and other verbal and non-verbal conduct likely to offend, hurt or set a bad example.
 - Model kindness and compassion for others and be a team member, discouraging selfishness.
 - Practice fair-mindedness by being open to ideas, suggestions, and opinions of others.
 - Obey laws and rules as an obligation of being a good citizen, and promote the responsible treatment of animals and stewardship of the environment.
 - Provide and maintain a safe environment, not carelessly or intentionally harming youth or adults in any way: verbally, mentally, or physically.

UNIVERSITY OF NEBRASKA - LINCOLN ACCOMMODATIONS

The University of Nebraska-Lincoln is committed to providing accommodations necessary to allow individuals with disabilities to function effectively and safely while participating in 4-H events. If you believe you may need accommodation, please contact Faculty/Staff Disability Services at access@unl.edu or call 402-472-3417.

UNIVERSITY OF NEBRASKA - EEO STATEMENT

Nebraska Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska-Lincoln cooperating with the Counties and the United States Department of Agriculture. The 4-H Youth Development program abides with the nondiscrimination policies of the University of Nebraska - Lincoln and the United States Department of Agriculture.

**4-H PRE-FAIR ACTIVITIES AND
2024 MERRICK COUNTY FAIR**

All dates, times, and contest/show formats are subject to change.

February

- 13 (Tues.) 6:00 p.m. Junior Indoor Archery Contest - 4-H Building
 18 (Sun.) 1:30 p.m.-4:30 p.m. Market Beef Rate-of-Gain Weigh-Day - Central City Vet Clinic
 20 (Tues.) 6:00 p.m. Intermediate & Senior Indoor Archery Contest - 4-H Building

March

- 2 (Sat.) 2:00 p.m. Air Rifle Contest - 4-H Building

April

- 1 (Mon.) 6:30 p.m. Communication Contest - 4-H Building
 27 (Sat.) 1:00 p.m. Shotgun Contest - Sportsman’s Club

May

- 16 (Thurs.) 5 p.m.-7 p.m. Market Sheep & Goat Rate-of-Gain Contest Weigh-in - Indoor Arena
 31 (Fri.) 5:00 p.m. State Horse ID’s and Levels Testing **DUE** to the Ext. Office

June





- 1 (Sat.) 5:00 p.m. State Horse Entry Forms **DUE ONLINE**
 14 (Thur.) 5:00 p.m. **ALL 4-H and FFA** County Animal ID’s **DUE** to the Extension Office
ALL 4-H and FFA State Fair Livestock DNA Envelopes **DUE** to the Extension Office
 29 (Sat.) 9:00 a.m. Outdoor Archery Contest - Fairgrounds

July

- 10 (Mon.) 5:00 p.m. **ALL 4-H and FFA** Static, Animal, Clothing Pre-entries **DUE** to the Extension Office
ALL 4-H and FFA YQCA training complete Vaccination records **DUE** for cats, dogs and ferrets



July continued

- 20 (Sat.) 9:00 a.m. Fair Cleanup - Fairgrounds
9:00 a.m. Bicycle Rodeo Contest - Fairgrounds
11:00 a.m. Ice Cream Roll Contest - 4-H Building
- 23 (Tue.) 9:00 a.m. Clothing Construction & Fashion Show Judging - 4-H Building
7:30 p.m. 4-H Night and Performing Arts Contest - 4-H Building
- 25 (Thurs.) 1 p.m.-5 p.m. 4-H Static Check-in - 4-H Building
- 26 (Fri.) 8 a.m.-5 p.m. 4-H Static Check-in - 4-H Building
- 27 (Sat.) 6:30 a.m.-4 p.m. 4-H Food Stand Open
6 a.m.-7 a.m. Horse Show Check-in - Indoor Arena
7:00 a.m. Horse Show - Indoor Arena
8 a.m.-12 p.m. 4-H Static Check-in - 4-H Building
5 p.m.-7 p.m. Poultry & Rabbit Check-in - Annex Building
-  28 (Sun.) 8 a.m.-8 p.m. 4-H Food Stand Open, 4-H Building closed for Judging
8 a.m.-11 a.m. Hog Weigh-in & Check-in - Hog Barn
8:00 a.m. Rabbit Show - Indoor Arena
11:00 a.m. Poultry Show or 30-minutes after Rabbit Show - Indoor Arena
11 a.m.-1 p.m. Goat & Sheep Weigh-in & Check-in - Southside Livestock Barn
1 p.m.-4 p.m. Open Class Exhibit Check-in - 4-H Building
1 p.m.-2:30 p.m. Market Beef Weigh-in & Check-in - Northside Livestock Barn
2:30-3:30 p.m. Breeding Beef Check-in - Northside Livestock Barn
3:30-4 p.m. Feeder & Bucket Calf Check-in, **DUE** Bucket Calf Project Record Book - Northside Livestock Barn
4:30 p.m. Livestock Judging Contest - Indoor Arena
- 29 (Mon.) 7 a.m.-9 p.m. 4-H Food Stand Open, 4-H Building Open
 **7:00 a.m. Hog Show - Indoor Arena**
1:00 p.m. Meat Goat Show - Indoor Arena
4:00 p.m. Sheep Show or 30-minutes after Meat Goat Show - Indoor Arena
- 30 (Tue.) 7 a.m.-9 p.m. 4-H Food Stand Open, 4-H Building Open
8:00 a.m. Beef Show - Indoor Arena
- 31 (Wed.) 7 a.m.-9 p.m. 4-H Food Stand Open
7:30 a.m. Dog Check-in - Vendor and Exhibitor Building
8:00 a.m. Dog Show - Vendor and Exhibitor Building
10:30 a.m. Dog Agility - Indoor Arena
11:30 p.m. Cat & Companion Animal Check-in Indoor Arena
12:00 p.m. Cat & Companion Animal Show or immediately following the Dog Agility Show - Indoor Arena
-  1:30 p.m. 4-H Overall Livestock Showman Contest - Indoor Arena
 **4:45 p.m. 4-H & FFA Member Group Picture - Indoor Arena**
5:00 p.m. Livestock Sale - Indoor Arena
8:00 p.m. Release ALL Static Exhibits - 4-H Building

August

- 1 (Thur.) 1 a.m.-10 a.m. Release ALL Livestock
6 a.m.-10 a.m. Release ALL Poultry & Rabbit
7 a.m.-8:30 a.m. FREE EXHIBITOR & FAMILY BREAKFAST
sponsored by Central City Area Chamber of Commerce
8 a.m.-10 a.m. Release ALL Static Exhibits
12:00 p.m. Extension Office Closed - Fair Recovery
- 2 (Fri.) 8 a.m.-5 p.m. Extension Office Closed - Fair Recovery

4-H AND FFA SUPERINTENDENTS

- Air Pistol, Small Bore, Hunting Skills – *TBD*
- BB Gun & Rifle – *Matt Douglass, Phillip Johnson*
- Beef – *Kane Brandes, Ryan Kucera*
- Beyond the Needle, Fiber Arts, Quilt Quest – *Darcy Ray*
- Bicycle Rodeo – *Jen Myers*
- Cat & Companion Animal – *Mollie Nielsen*
- Clover Kids – *Jr. Leaders*
- Consumer & Family Science, Citizenship & Entrepreneurship, Safety, Photography – *Nikki Ferraro*
- Dog – *Kim & Travis Stuhmer*
- Fashion Show – *Kendra Jefferson, Jamie Wright*
- FFA – *Payden Woodruff, Jessica Brondel, Alex Stocker, Katie Hornung*
- Food & Nutrition – *Angela Blomstedt*
- Herdsmanship – *TBD*
- Hog – *Brian Jefferson, Isaac Jefferson*
- Home Environment – *Kelly & Doug McHargue*
- Horse – *Russ & Carolyn Kucera*
- Indoor Archery – *Sara Umstead, Brian Thomas*
- Livestock Judging Contest – *Payden Woodruff, Darcy Ray, Alex Stocker*
- Meat Goat & Sheep – *Craig Nelson, Jon Root*
- Outdoor Archery – *Aaron Blanchard*
- Overall Livestock Showman – *Alex Stocker, Chase Samuelson*
- Plant Science – *Bailey Jefferson*
- Rabbits & Poultry – *Mollie Nielsen*
- Sewing for Fun, STEAM Clothing 1, 2, 3, – *Amy Greving, Nicole Greving*
- Shotgun – *Craig Nelson, Aaron Heins*
- STEM & Conservation – *Beth Johnson*

THANK YOU TO THE FOLLOWING BUSINESSES & INDIVIDUALS FOR SPONSORING 2023 AWARDS & INCENTIVES

- AKRS Equipment
- Albert Acres Cattle Company
- Bank of Clarks
- Bill and Missy Hillmer Family
- Bill's Volume Sales
- Brandes Brothers, LLC
- Brian and Kendra Jefferson
- Central City FFA
- Central City Mall
- Central City Scale
- Central City Veterinary Clinic
- Central True Value Hardware
- Christensen Cattle Co.
- Citizens Bank & Trust Co.
- Cornerstone Bank
- Darrel Widman In Memory of Twila Widman
- Dennis & Vicki Valentine
- Dinsdale Bros. Inc.
- Dinsdale Express LLC
- Dr. Jerome and Doris Gacke
- Eagles Club
- Earl & Harriet Meyer Family Memorial
- Eye Care Associates
- Farm Bureau Insurance Shannon Hannappel
- Fontanelle
- Four Seasons Ag, Inc.
- Fowl Creek Farms
- Furred & Feather Rabbits & Poultry
- Gary Bader & Sons, LLC
- Green Plains Renewable Energy Central City LLC
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- Grosshans Inc.
- H&L Buildings
- Heath & Jessica Reimers
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- Linda Gilson Memorial
- Marilyn Heins
- Matt & Becky Mottl
- Merrick Foundation, Inc.
- Merrick Medical Attn: Kendra Jefferson
- Mike & Tricia Schuller
- Miller Cattle Co.
- Mr. K Angus and T & E Angus
- Agricultural Institute of Nebraska Husker Harvest Days
- Nelson Brothers Fencing
- Palmer Local Market
- Platte River Riders 4-H Horse Club
- Nona Lechtenberg
- Root-Collins Club Lambs
- Runza Attn: Rex and Noah Luebbe
- Schank Memorial
- Silver Creek Mini Mart
- Simonson Show Goats
- State Farm Insurance
- Stoltenberg Irrigation, Inc.
- Sullivan Agency
- Supernaw Law Office
- The Dentist
- Tom & Eve Reimers
- Trav's U-Save Pharmacy
- Trico Heating and Air
- Vlcek Gardens, Inc.
- Walts Aerial Spraying
- Wegner Monument
- Wert Show Lambs
- You Are Worth It LLC

4-H DEPARTMENT

4-H Livestock & Animal Rules & Regulations

- 1) **Youth for the Quality Care of Animals (YQCA)** -Nebraska 4-H and FFA requires all youth enrolled in livestock projects to complete annual quality assurance training through YQCA. Must be completed by **July 10** to the Extension Office or FFA Advisor.
- 2) All exhibitors will receive pens and stalls free. However, if pens or stalls are not cleaned by Saturday following the fair, then \$5 will be deducted per stall or pen from individual or club ribbon money from Ag Society.
- 3) Stall assignments will be made prior to entry day. Each livestock exhibitor must make advance entries by **July 10**. This includes hogs, sheep, goats, beef, poultry and rabbits. If advanced entries are not made you may not be allowed to show your livestock. **All Cattle will remain stalled in the barns from 8:00 a.m.-9:00 p.m. so fair goers can enjoy the animals.**
- 4) Each exhibitor must show his or her own animal. Substitute showmen are only allowed if exhibitor is injured or is seriously ill at the time of the show. Another exhibitor cannot show the animal just because they can handle the animal more appropriately. If an exhibitor has more than one animal in a class, a substitute showman, who is exhibiting livestock at the Merrick County Fair is allowed, and must wear the official attire of that show.
- 5) If an animal becomes unruly and cannot be controlled by the exhibitor, he/she may be asked by the show superintendent or judge to leave the show arena. For the safety of all 4-H and FFA members, **parents or other non-members are not allowed in the show ring to help exhibit/show an animal. (For Clover Kids, one helper can help the Clover Kid member if room is available in the ring).**
- 6) The following deadlines are in place for livestock information:
 - **June 1:** State Horse Show entries due online by 5 pm (<https://4h.unl.edu/state-horse-expo-entry>); Horse Level Testing due to the Extension Office for State competition; State Horse ID's due to the Extension Office.
 - **June 15:** All ID nomination forms, including horse, market & breeding beef, cow/calf pairs, feeder & bucket calves, market & breeding sheep, market & breeding meat goats, swine and rabbits, as well as Premises ID's, are due to the Extension Office by 5 pm; All online ID nominations for State Fair must be completed (go to showstockmgr.com); DNA envelopes for State Fair market animal nominations are due to the Extension Office by 5 pm
 - **July 10:** All County Fair Entries and Small Animal Vaccination Forms are due to the Extension Office by 11:59 pm
- 7) After livestock has been weighed in at entry time there will be **NO RE-WEIGHING**. All animals not reaching the regulation weight will be shown in a feeder or underweight class. Premium money will be paid for ribbons awarded. These weights will be used for the Livestock Sale.
- 8) Steers, wethers or barrows showing masculine coarseness or evidence of late castration will be discriminated against by the judge. Cryptoids or partially castrated animals will be eliminated and not allowed to show. Any animal may be subject to inspection for physical alteration. If any animal is found to be altered physically, they will be disqualified and forfeit all winnings and incentives. Inappropriate management practices as determined by superintendents and Extension Educators by either exhibitors, family members or others will result in disqualification of entry and/or exhibitor.
- 9) All livestock (sheep, goat, swine, beef) earning supreme, champion, or reserve champion are subject to drug residue tests.

PREMIUM LIVESTOCK SALE-All exhibitors must wear the appropriate 4-H/FFA Farm Bureau sponsored t-shirt for the Livestock Sale.

- 1) Sale Committee – Livestock Superintendents -Kane Brandes, Craig Nelson, Brian Jefferson, Mollie Nielsen. Volunteers - Kirk Bader, Ron Simonson, Payden Woodruff (Palmer FFA), Alex Stocker and Jessica Brondel (CC FFA), Russ Kucera (Fairboard), Matt Mottl (4-H Council), Kevin Ohlman (Auctioneer), Kara Wells and Emily Soll (Extension)
- 2) Once the animal goes through the sale ring, the premium is “sold”. The number of animals sold per individual is limited to: 1 market beef, 1 market sheep, 1 market goat, 1 market hog, 1 meat rabbit and 1 pen of three market poultry. **Sale entries must be in the Extension Office by 5 p.m. the day of their animal show.** Each member is expected to lead or drive his or her animal through the sale ring. Help may be needed for fryers, roasters and/or broilers which may be caged or carried. There is no limit on the premium paid to champion and reserve champion animals, except the premium paid on the reserve animal may not exceed that paid on the champion animal. The other bid limits above the market base have been set on the remainder of the animals as follows: (SUBJECT TO CHANGE BEFORE THE SALE)

(\$/lb)	P	B	R	W
Cattle	.35	.30	.28	.25
Hogs	.75	.65	.60	.55
Sheep	1.25	1.10	1.00	.90
Goat	1.90	1.75	1.60	1.45
(\$/Exhibit)				
Pen of 3 Broilers	90.00	65.00	50.00	40.00
Meat Rabbit	65.00	50.00	35.00	25.00



Sale sign up

- 3) If an exhibitor has a second champion or reserve champion in the same species, then the exhibitor has the option of taking the animal through the sale with proceeds going to 4-H Foundation of Merrick County.

SHOWMANSHIP

- 1) Exhibitors must show their own animal that has been entered, except Clover Kids. Showmanship judging is based on preparation of animals for show, their apparent training and the appearance and behavior of the showman. Primarily showmanship is the skill of the showman in presenting the animal before the judge that counts while individual excellence of the animal does not.
- 2) Clover Kid animal exhibits are to be no more than six months of age and no more than 350 pounds at time of show with the exception of small animals (dog, cat, etc.) Age, size, and temperament of animal projects must be appropriate for the exhibitor's age and size. All Clover Kids will be allowed to show ONE time in a Clover Kid only class. **ALL CLOVER KID SHOWS ARE NON-COMPETITIVE.** Clover Kid guidelines are on page 3. Clover Kids classes begin on page 66.
- 3) All beef, swine, sheep, and goats will be shown Blow and Go. 4-Hers are encouraged to clip all livestock at home. Animals may be clipped, blown, brushed, or combed to enhance their appearance. All animals will be shown free of any adhesive, glue, paint, or powder products.
- 4) The 4-H Showmanship Contest for each species will be divided into three divisions: Junior Division for 8-10 years old; Intermediate Division for 11-13 years old; and Senior Division for 14-18 years old as of January 1 of the current year. FFA will have a showmanship class for any

FFA members who have paid their chapter dues. The Superintendent or judge may disqualify any exhibitor for violation of rules or unsportsmanlike conduct. Showmanship will be considered during the showing of all livestock classes

- 5) The 4-H Overall Showmanship Award consists of the champions of each 4-H age division (junior, intermediate, senior) who come back for finals. This award will be held immediately after each species showmanship class, Gold and Silver Overall Showman pins will be presented to each 4-H showmanship species. FFA Showman are not eligible for the 4-H Overall Showman Award or 4-H Overall Livestock Showman Contest (seniors only).
- 6) At the end of each show, an Outstanding Exhibitor will be awarded. Only one per species is awarded.

ANIMAL SCIENCE

HERDSMANSHIP- Superintendent TBD

- 1) Livestock exhibits may be judged for herdsmanship at any time between 8:00 a.m. and 8:00 p.m. A Herdsmanship Critique Sheet will be given out Sunday evening. Herdsmanship judging begins Monday morning.
- 2) Every 4-Her who exhibits an animal will be automatically entered into herdsmanship with their club. Club members are encouraged to work together. If not a part of a club they will be judged on an individual basis. Members are asked to provide their own cleaning tools.
- 3) Each species of livestock will be judged separately and will be judged on merit. Each exhibitor is expected to perform a good job of proper manure removal, keep alleys clean, store feed and trappings, keeping animals and exhibits neat and attractive. Money will be awarded to the clubs with three or more exhibitors per species with the best herdsmanship. Premium will be awarded to independent members or clubs with two or less exhibitors per species with the best herdsmanship.

PREMIUM: Purple \$10.00; Blue \$8.00; Red \$5.00; White \$3.00

Beef	Goats	Sheep	Hogs	Rabbit	Poultry
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HERDSMANSHIP SCORE SHEET-TOTAL POINTS 100

- 1) Animals must be clean at all times with proper grooming apparent.
- 2) Animals adequately cared for with proper feeding, clean and proper amount of bedding and adequate feeding equipment.
- 3) Cattle securely tied with 18-20" of lead.
- 4) Stalls and pens cleaned before 7:00 a.m.
- 5) All Cattle need to be in the barns by 8:00 a.m.
- 6) Feed equipment only in pen or stall at feeding time (should be removed by 8:00 a.m.).
- 7) Chapter and exhibitor signs identifying stalls and tack area clearly in place.
- 8) Tack and feed area clean and neatly arranged. Fork handles and similar equipment kept down.
- 9) Grooming areas kept clean
- 10) Proper courtesy and conduct shown by exhibitors at all times and at all places.
- 11) Exhibitors are expected to do the herdsmanship.
- 12) Exhibitors share of alley area, kept clean; kept free of equipment; loose dirt and dust kept under control by proper sweeping and/or sprinkling
- 13) Alleys swept and clean by 8:00 a.m.
- 14) Tie out areas must be clean at all times.
- 15) **4-Hers are responsible for cleaning out stalls at the close of fair.**

RATE OF GAIN CONTEST FOR MARKET BEEF, MARKET SHEEP AND MARKET GOAT

- 1) To be eligible for rate-of-gain, animals must have been weighed in at the official weigh-in for each species.
- 2) Final weight will be the weight taken at Fair weigh-in on check in day.
- 3) Contestants will be scored on the daily rate-of-gain formula.
- 4) In the event of a tie in the Rate-of-Gain Contest, Champion will be awarded to the heavier animal recorded at spring weigh-in.
- 5) Only one entry per class. Animal with the highest daily rate-of gain will be used if multiple animals were entered.

PREMIUMS: Purple \$10.00; Blue \$8.00; Red \$5.00; White \$3.00

Market Steer	Market Heifer	Market Wether Lamb	Market Ewe	Market Wether Goat	Market Doe
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HARD LUCK

HL-900-01. This class is for exhibits or exhibitors that cannot be shown in the project area. Ex. show calf dies. Ex. dog breaks a leg, and the vet says it cannot compete in the dog show. Include the story of what you planned on doing with the project, what happened, what you learned from the experience, need to include pictures, etc. Orange ribbon will be awarded with a premium of \$10.00.

BEEF- Superintendents Kane Brandes & Ryan Kucera

- 1) Youth for the Quality Care of Animals (YQCA) - Nebraska 4-H requires all youth enrolled in livestock projects to complete annual quality assurance training through Youth for the Quality Care of Animals (YQCA).
- 2) **Breeding heifers cannot show as market heifers and market heifers cannot show as breeding heifers as pre-entered July 10**
- 3) An animal can only be entered in one class except Jr. Herd or Club Groups of Three.
- 4) Contact Kane Brandes for assigned space for your blocking chutes and tie-out pens.
- 5) All beef, swine, sheep, and goats will be shown Blow and Go. 4-Hers are encouraged to clip all livestock at home. Animals may be clipped, blown, brushed, or combed to enhance their appearance. All animals will be shown free of any adhesive, glue, paint, or powder products.

BEEF SHOWMANSHIP-See Showmanship area for rules, page 6.

PREMIUMS: Purple \$5.00; Blue \$4.00; Red \$3.00; White \$2.00

G-20-001. Junior 8-10 years old as of Jan. 1

G-20-002. Intermediate 11-13 years old as of Jan. 1

G-20-003. Senior 14-18 years old as of Jan. 1

G-20-004. FFA Showmanship age 14-21 years old (not eligible for 4-H Overall Livestock Showman Award)



Beef Stalling



Beef ID's

MARKET BEEF

- 1) Exhibitors are limited to showing three (3) market beef.
- 2) ALL county market beef needs to be ID'd with an EID tag and County ID Sheet with a picture turned into the Office on or before **June 15**.
- 3) State Fair or Ak-Sar-Ben market beef needs to be ID'd with an EID ear tag, have DNA samples turned into the Office, and submit entry online on or before **June 15** to be eligible to show at State Fair or Ak-Sar-Ben..
- 4) Market steers must weigh a minimum of 1000 lbs and market heifers 900 lbs at check-in. Market beef less than these weights will be placed in an underweight class and will not be eligible for the final drive. They will be eligible to go through the sale.

PREMIUM: Purple \$10.00; Blue \$8.00; Red \$5.00; White \$3.00

***G-20-005.** Market Steers

***G-20-006.** Market Heifers

G-20-007. Home Raised Market Beef - Home raised animals are defined as those animals that were born on the farm or ranch operated by the immediate family of the exhibitor. Exhibitors should note on their pre-entry form if the animal is eligible for the class. Limit of one animal. This includes feeder calves.

FEEDER CALVES

- 1) Exhibitors are limited to showing four (4) feeder calves.
- 2) ALL county feeder calves need to be ID'd with an EID Tag and County ID Sheet with a picture turned into the Office on or before **June 15**.
- 3) Feeder calves may be heifers, bulls and/or steers born during the current year, but before **June 15**. To be eligible, a feeder calf must have a birthdate on the ID sheet.
- 4) All mother cows and calves must be halter broke and stall tied. Unweaned feeder calves are not required to stay.
- 5) State Fair or Ak-Sar-Ben breeding beef needs to be ID'd with a tattoo or EID Tag, have DNA samples turned into the Extension Office, and submit entry online on or before **June 15** to be eligible to show at State Fair or Ak-Sar-Ben.

PREMIUM: Purple \$10.00; Blue \$8.00; Red \$5.00; White \$3.00

G-20-008. Heifers (born Jan. 1-March 15)

G-20-010. Steers (born Jan. 1-March 15)

G-20-012. Bulls (born Jan. 1-March 15)

G-20-009. Heifers (born March 16-June 14)

G-20-011. Steers (born March 16-June 14)

G-20-013. Bulls (born March 16-June 14)

BREEDING BEEF

- 1) Exhibitors are limited to showing three (3) breeding beef.
- 2) ALL county breeding beef needs to be ID'd with either a tattoo (registered only) or EID Tag and County ID Sheet with a picture turned into the Extension Office on or before June 15. Calfhood vaccination tattoos are not acceptable for identification.
- 3) To show in a registered class, a copy of the registration paperwork must be included with the County ID Sheet, **BOTH DUE JUNE 15**.
- 4) State Fair or Ak-Sar-Ben breeding beef needs to be ID'd with a tattoo or EID Tag, have DNA samples turned into the Extension Office, and submit entry online on or before June 15 to be eligible to show at State Fair or Ak-Sar-Ben.

PREMIUM: Purple \$10.00; Blue \$8.00; Red \$5.00; White \$3.00

CLASSIFICATIONS:

	Calf (born in 2024)	Yearling (born in 2023)	2 Yr. Old (born in 2022)	3-5 Yr. Old (born in 2019-2021)
Registered	G-20-014	*G-20-015	*G-20-016	G-20-017
Commercial	G-20-018	*G-20-019	*G-20-020	G-20-021
Bulls	G-20-022			

G-20-023. Cow/Calf Pair-The cow and the calf must be shown together, and they must both be halter broke.

G-20-024. Junior Herd- must consist of 3 **breeding** animals. One of the animals must have produced a calf. The exhibitor must have owned the cow when she was bred for this calf. All 3 animals must be owned by one individual.

G-20-025. Home Raised Breeding Beef - Home raised animals are defined as those animals that were born on the farm or ranch operated by the immediate family of the exhibitor. Exhibitors should note on their pre-entry form if the animal is eligible for the class. Limit of one animal.

BUCKET CALF-Based solely on showmanship

- 1) Each exhibitor will be limited to one (1) bucket calf entry.
- 2) ALL county bucket calves need to be ID'd with an EID Tag and County ID Sheet with a picture turned into the Office on or before **June 15**.
- 3) A bucket calf is an orphan calf; fed on a bucket or bottle. Born during the current year, but before **June 15**. All calves must be halter broke and stall tied. **Bucket calves cannot be used for beef showmanship.**
- 4) Classes will be divided by age of 4-Her and calves will be judged on a showmanship type evaluation. Classes may be split (if numbers warrant) according to age of calf: 1) calves born Jan. 1 to March 15; 2) calves born March 16 to June 14.
- 5) Bucket Calf Project Record Books must be turned in on entry day and are required for a separate ribbon from showing the bucket calf in the ring.

EVALUATION GUIDE:

- 25% - Knowledge of subject (response to questions).
- 20% - Calf washed and groomed.
- 15% - Exhibitor's appearance and attitude.
- 10% - Response of calf to exhibitor.
- 10% - Response of exhibitor to judge or ringman's instructions.
- 10% - Courtesy toward other exhibitors.
- 10% - Speaking loud and clear to the judge when asked questions.

PREMIUM: Purple \$10.00; Blue \$8.00; Red \$5.00; White \$3.00

G-20-026. Bucket Calf Project Record Book 8-9 years old

G-20-027. Bucket Calf Project Record Book 10-13 years old

G-20-028. 8-9 years old as of Jan. 1

G-20-029. 10-13 years old as of Jan. 1



Bucket Calf Record Book

CLUB GROUP OF THREE CALVES

- 1) A club group of three calves owned by at least two different exhibitors may be shown accompanied by a herdsman. A calf may be in one group only. Clubs may enter more than one group of calves per class.

PREMIUM: Purple \$10.00; Blue \$8.00; Red \$5.00; White \$3.00

G-20-030. Group of Three Market Calves

G-20-031. Group of Three Bucket

G-20-032. Group of Three Feeder Calves

MEAT GOAT- Superintendents Craig Nelson & Jon Root

- 1) Youth for the Quality Care of Animals (YQCA) - Nebraska 4-H requires all youth enrolled in livestock projects to complete annual quality assurance training through Youth for the Quality Care of Animals (YQCA).
- 2) **Breeding does cannot show as market does and market does cannot show as breeding does as pre-entered July 10th.**
- 3) Goats are to be shown with smooth neck chains, smooth collars or show halters. Pronged collars are not acceptable and will result in the lowering of a ribbon placing.
- 4) All beef, swine, sheep, and goats will be shown Blow and Go. Animals may be clipped, blown, brushed, or combed to enhance their appearance. All animals will be shown free of any adhesive, glue, paint, or powder products.

MEAT GOAT SHOWMANSHIP- See Showmanship area for rules, page 6.

PREMIUMS: Purple \$5.00; Blue \$4.00; Red \$3.00; White \$2.00

G-40-001. Junior 8-10 years old as of Jan. 1

G-40-002. Intermediate 11-13 years old as of Jan. 1

G-40-003. Senior 14-18-years old as of Jan. 1

G-40-004. FFA Showmanship Age 14-21 years old (not eligible for 4-H Overall Livestock Showman Award)



Goat ID's

MARKET GOAT

- 1) Exhibitors are limited to showing four (4) market goats.
- 2) ALL county market goats need to be ID'd with a SCRAPIE TAG and County ID Sheet with a picture turned into the Office on or before **June 15**.
- 3) State Fair or Ak-Sar-Ben market goats need to be ID'd with a Scrapies Tag, have DNA samples turned into the Extension Office and submit entry online on or before **June 15** to be eligible to show at State Fair or Ak-Sar-Ben.

- 4) Market goats must weigh a minimum of 50 lbs at check-in. Market goats less than 50 lbs will be placed in an underweight class and will not be eligible for the final drive. They will be eligible to go through the sale.

PREMIUM: Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

***G-40-005.** Market Doe - All market does will be weighed and divided into weight classes.

***G-40-005.** Market Wether - All market wethers will be weighed and divided into weight classes.

G-40-006. Market Goat Pen of Three - To be owned and exhibited by one individual.

G-40-007. Home Raised Market Goat - Home raised animals are defined as those animals that were born on the farm or ranch operated by the immediate family of the exhibitor. Exhibitors should note on their pre-entry form if the animal is eligible for the class. Limit of one animal.

BREEDING MEAT GOAT

- 1) Exhibitors are limited to showing two (2) breeding does.
- 2) ALL county breeding does need to be ID'd with a Scrapie Tag and County ID Sheet with a picture turned into the Office on or before **June 15**.
- 3) To show in a registered class, a copy of the registration paperwork must be included with the County ID Sheet, **BOTH DUE JUNE 15**.
- 4) State Fair or Ak-Sar-Ben breeding does need to be ID'd with a Scrapie, have DNA samples turned into the Extension Office, and submit entry online on or before **June 15** to be eligible to show at State Fair or Ak-Sar-Ben.

PREMIUM: Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

CLASSIFICATIONS:

Kid - born 9-1-2023 to 6-14-2024

Yearling - born 9-1-2022 to 8-31-2023

G-40-008. Registered Doe Kid

G-40-009. Registered Yearling Doe

G-40-010. Commercial Doe Kid

G-40-011. Commercial Yearling Doe

G-40-012. Home Raised Breeding Doe - Home raised animals are defined as those animals that were born on the farm or ranch operated by the immediate family of the exhibitor. Exhibitors should note on their pre-entry form if the animal is eligible for the class. Limit of one animal.

SHEEP- Superintendents Craig Nelson & Jon Root

- 1) Youth for the Quality Care of Animals (YQCA) - Nebraska 4-H requires all youth enrolled in livestock projects to complete annual quality assurance training through Youth for the Quality Care of Animals (YQCA).
- 2) **Breeding ewes cannot show as market ewes and market ewes cannot show as breeding ewes as pre-entered July 10.**
- 3) All beef, swine, sheep, and goats will be shown Blow and Go. Animals may be clipped, blown, brushed, or combed to enhance their appearance. All animals will be shown free of any adhesive, glue, paint, or powder products.

SHEEP SHOWMANSHIP- See Showmanship area for rules, page 6.

PREMIUM: Purple \$5.00; Blue \$4.00; Red \$3.00; White \$2.00

G-50-001. Junior 8-10 years old as of Jan. 1

G-50-002. Intermediate 11-13 years old as of Jan. 1

G-50-003. Senior 14-18 years old as of Jan. 1

G-50-004. FFA Showmanship Age 14-21 (not eligible for 4-H Overall Livestock Showman Award)



MARKET LAMBS

- 1) Exhibitors are limited to showing four (4) market lambs.
- 2) ALL county market lambs need to be ID'd with a SCRAPIE TAG and County ID Sheet with a picture turned into the Office on or before **June 15**.
- 3) State Fair or Ak-Sar-Ben market lambs need to be ID'd with a Scrapie Tag, have DNA samples turned into the Extension Office, and submit entry online on or before **June 15** to be eligible to show at State Fair or Ak-Sar-Ben.
- 4) Market lambs must weigh a minimum of 95 lbs at check-in. Market lambs less than 95 lbs will be placed in an underweight class and will not be eligible for the final drive. They will be eligible to go through the sale.

PREMIUM: Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

***G-50-005.** Market Ewe - All market ewe lambs will be weighed and divided into weight classes.

***G-50-005.** Market Wether - All market wethers will be weighed and divided into weight classes.

G-50-006. Pen of Three Market Lambs - To be owned and exhibited by one individual.

G-50-007. Home Raised Market Lamb - Home raised animals are defined as those animals that were born on the farm or ranch operated by the immediate family of the exhibitor. Exhibitors should note on their pre-entry form if the animal is eligible for the class. Limit of one animal.

BREEDING EWES

- 1) Exhibitors are limited to showing two (2) breeding sheep.
- 2) ALL county breeding ewes need to be ID'd with a Scrapie Tag and County ID Sheet with a picture turned into the Office on or before **June 15**.
- 3) To show in a registered class, a copy of the registration paperwork must be included with the County ID Sheet, **BOTH DUE JUNE 15**.
- 4) State Fair or Ak-Sar-Ben breeding ewes need to be ID'd with a Scrapie Tag, have DNA samples turned into the Extension Office, and submit entry online on or before June 15 to be eligible to show at State Fair or Ak-Sar-Ben.

PREMIUM: Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

	Lamb (born 9-1-23 to 6-1-24)	Yrlg. (born 9-1-23 to 8-31-23)	Aged (born before 9-1-22)
Registered	<u>*G-50-008</u>	<u>*G-50-009</u>	<u>G-50-010</u>
Commercial	<u>*G-50-011</u>	<u>*G-50-012</u>	<u>G-50-013</u>

G-50-014. Home Raised Breeding Ewe - Home raised animals are defined as those animals that were born on the farm or ranch operated by the immediate family of the exhibitor. Exhibitors should note on their pre-entry form if the animal is eligible for the class. Limit of one animal.

HOG- Superintendents Brian Jefferson & Isaac Jefferson

- 1) Youth for the Quality Care of Animals (YQCA) - Nebraska 4-H requires all youth enrolled in livestock projects to complete annual quality assurance training through Youth for the Quality Care of Animals (YQCA).
- 2) **Breeding gilts cannot show as market gilts and market gilts cannot show as breeding gilts as pre-entered July 10.**
- 3) ALL county hogs need to be ID'd with an EID Tag and County ID Sheet with a picture turned into the Extension Office on or before **June 15**. To show in a registered breeding class, a copy of the registration paperwork must be included with the County ID Sheet, **BOTH DUE JUNE 15**.
- 4) State Fair or Ak-Sar-Ben market and breeding hogs need to be ID'd with an EID ear tag, have DNA samples turned into the Extension Office and submit entry online on or before **June 15** to be eligible to show at State Fair or Ak-Sar-Ben.
- 5) All beef, swine, sheep, and goats will be shown Blow and Go. Animals may be clipped, blown, brushed, or combed to enhance their appearance. All animals will be shown free of any adhesive, glue, paint, or powder products..
- 6) An exhibitor is limited to showing six (6) total hogs.

HOG SHOWMANSHIP- See Showmanship area for rules, page 6.

PREMIUM: Purple \$5.00; Blue \$4.00; Red \$3.00; White \$2.00

G-60-001. Junior 8-10 years old as of Jan. 1

G-60-002. Intermediate 11-13 years old as of Jan. 1

G-60-003. Senior 14-18 years old as of Jan. 1

G-60-004. FFA Showmanship Age 14-21(not eligible for 4-H Overall Livestock Showman Award)



Hog ID's

MARKET HOGS

- 1) Market hogs must weigh a minimum of 225 lbs at check-in. Market hogs less than 225 lbs will be placed in an underweight class. Market hogs weighing over 325 lbs at check-in will be placed in an overweight class. Both underweight and overweight market hogs will not be eligible for the final drive. They will both be eligible to go through the sale.

PREMIUM: Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

***G-60-005.** Market Gilts - All market gilts will be weighed and divided into weight classes.

***G-60-005.** Market Barrows - All market barrows will be weighed and divided into weight classes.

G-60-006. Home Raised Market Hog - Home raised animals are defined as those animals that were born on the farm or ranch operated by the immediate family of the exhibitor. Exhibitors should note on their pre-entry form if the animal is eligible for the class. Limit of one animal.

G-60-007. Pen of Three Market Hogs - To be owned and exhibited by one individual. Only one (1) pen of three may be entered.

BREEDING HOGS

- 1) All breeding gilts have to be farrowed from December 1 of the previous year to May 31 of the current year.

PREMIUM: Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

***G-60-008.** Commercial Gilt

G-60-009. Registered Gilt - **To be eligible to show, must submit copy of registration papers with the County ID Sheet.** Classes will be broken down into breeds if at least three of the same breed are available to have a class of a specific breed.

G-60-010. Home Raised Breeding Gilt - Home raised animals are defined as those animals that were born on the farm or ranch operated by the immediate family of the exhibitor. Exhibitors should note on their pre-entry form if the animal is eligible for the class. Limit of one animal.

HORSE- Superintendents Russ & Carolyn Kucera

- 1) **4-Hers must be at least age 8 by December 31, 2023 to show in the 4-H Horse Show.**
- 2) All horses to be shown at the State Horse Show must be identified on the 4-H Horse ID Sheet and be turned into the Extension Office by **June 1**. Horses being shown **ONLY** at the Merrick County Fair will need to be ID'd by **June 15**. Horses not identified will not be permitted to show.
- 3) For procedure refer to 4H 373, "Nebraska 4-H Horse Show & Judging Guide". A single horse may not be entered or ridden in a class or event by more than one person even though the horse is jointly owned by two members of the same family. An individual and/or horse may enter 1 Western Pleasure, 1 Western Horsemanship, 1 Hunter Under Saddle, 1 Hunt Seat Equitation, 1 Reining, 1 Pole Bending and 1 Barrel Racing. In addition, an individual and/or horse may enter 1 Ranch Riding, 1 Advanced Western Pleasure, 1 Advanced Hunter Under Saddle, 1 Advanced Western Pleasure, and 1 Advanced Hunt Seat Equitation 1 Showmanship, 1 Breakaway, 1 Tie Down, 1 Heading, 1 Heeling, 1 Trail class. Only one horse per entry number and one horse per Halter class.
- 4) Entries must be made by **July 10**. **NO ADDED ENTRIES WILL BE ACCEPTED THE DAY OF THE SHOW**. Check-in time will begin at 6:00 a.m., **Saturday, July 29** with a 7:00 a.m. show time.
- 5) 4-Hers are reminded to WALK their horses - no trotting and/or cantering near other livestock, people and buildings.

HORSE SHOWMANSHIP

PREMIUM: Purple \$5.00; Blue \$4.00; Red \$3.00; White \$2.00

G-70-001, Junior 8-10 years old as of Jan. 1

G-70-002, Intermediate 11-13 years old as of Jan. 1

G-70-003, Senior 14-18 years old as of Jan. 1

LIGHT HORSE HALTER CLASSES

- 1) Stallions may show only in the year foaled.
- 2) Horses become one year older on January 1, for show purposes.

PREMIUM: Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

	Fillies & Mares	Colts & Geldings
Weanling	G-70-004	G-70-005
Yearling	G-70-006	G-70-007
2 Yr. Old	G-70-008	G-70-009
3-5 Yr. Old	G-70-010	G-70-011
Aged	G-70-012	G-70-013

LIGHT HORSE PERFORMANCE CLASSES

- 1) Guidelines for these classes are found in "Nebraska 4-H Horse Show & Judging Guide" - 4-H 373 available at the Ext Office
- 2) Walk-Trot classes are open to 4-Hers 8-11 years of age and are beginning riders not ready for a lope.

PREMIUM: Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

G-70-014, Hunter Under Saddle (all ages)

G-70-015, Hunter Seat Equitation (all ages)

G-70-016, Hunter Hack (all ages)

	Walk-Trot (8-11 yrs.)	Jr. (8-11 yrs.)	Sr. (12-18 yrs.)
Pleasure	G-70-017	G-70-018	G-70-019
Horsemanship	G-70-020	G-70-021	G-70-022
Trail	G-70-023	G-70-024	G-70-025
Ranch Riding	-----	G-70-026	G-70-027
Barrel Racing	-----	G-70-028	G-70-029
Pole Bending	-----	G-70-030	G-70-031
Reining	-----	G-70-032	G-70-033

4-H 373 lists the six (6) reining patterns. Patterns 1, 2 & 3 will be used for riders 8-11 yrs. and patterns 4, 5 & 6 will be used for riders 12-18 yrs.

ROPING

PREMIUM: Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

	Jr. (8-11 yrs.)	Sr. (12-18 yrs.)
Calf Roping - Breakaway	G-70-034	G-70-035
Calf Roping - Tie Down	G-70-036	G-70-037
Dally Steer - Heading	G-70-038	G-70-039
Dally Steer - Heeling	G-70-040	G-70-041
Ground Roping (8-11 years)	G-70-042	-----

- 1) NO barrier in roping classes
- 2) Ground Roping is designed for 4-Hers (8-11 yrs.) just beginning to rope. If this event is entered, you may NOT enter the regular steer or calf roping or vice versa. Five (5) throws will be made to a dummy steer head in a bale of hay from at least eight (8) feet

away with the individual standing on the ground. Individuals will be awarded ribbons on the best out of five. 4-H horse dress code applies to this class.

ADAPTIVE CLASSES - The following classes are open to any 4-H member (8-18 yrs) who require an adaptation to participate in the horse show. Youth eligible for these classes can only participate in these classes 1-3. The youth can be recruited for these classes due to their abilities (ex. participation in the Special Olympics equestrian events, have a type of modified learning plan for their schoolwork, use devices through occupational therapy). The youth still need to follow all the rules of 4-H enrollment and horse ID's. Horses shown in these classes can be shown by another 4-H member in other classes, and on another 4-H member's ID sheet.

PREMIUM: Purple \$5.00; Blue \$4.00; Red \$3.00; White \$2.00

G-70-043. Walk-Trot Pleasure

G-70-044. Walk-Trot Horsemanship

G-70-045. Walk-Trot Trail

4-H OVERALL LIVESTOCK SHOWMAN- Superintendents Alex Stocker, Chase Samuelson

PREMIUM: Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

G-80-001. General Information: The contest will consist of the two top Senior 4-H showman from the areas of: beef, sheep, hogs, meat goat and horse. Contest will default to top Intermediate 4-H showman if there are no Senior 4-H showman. The contest gives 4-H exhibitors a chance to learn about other species of livestock and develop camaraderie and dialogue between exhibitors of different livestock species. The hope is that the showmen will take the time to learn about the other species they will show in the Overall Livestock Showman Contest. Judging will be based on ring etiquette, awareness of the judge, answering judge's questions, ability to follow instruction and appearance in the ring.

- 1) The Judge may or may not ask questions in each specie class.
- 2) A test covering all livestock species may be given at the discretion of the judge and/or superintendent.
- 3) FFA Showman are not eligible for the 4-H Overall Livestock Showman.
- 4) If an exhibitor chooses not to participate, we will not be accepting another exhibitor, same goes for if an exhibitor wins in more than one species. The maximum number of exhibitors is at least ten (10). If an exhibitor wins or receives a reserve place in more than one species showmanship class, they will choose the species they would like to represent.
- 5) Participants are required to wear the required 4-H/FFA T-Shirt, black/blue jeans, and closed toe shoes.

POULTRY- Superintendent Mollie Nielsen

- 1) Youth for the Quality Care of Animals (YQCA) - Nebraska 4-H requires all youth enrolled in livestock projects to complete annual quality assurance training through Youth for the Quality Care of Animals (YQCA).
- 2) Exhibitors are limited to showing two (2) entries per class, ten (10) total poultry, plus two (2) pens.
- 3) PENS or TRIOS -A pen or trio shall be exhibited by one youth. A pen of broilers shall consist of three male or female birds 6-9 weeks of age. A trio of hybrid, crossbred or purebred egg production birds shall consist of three (3) sexually mature females. Pens of broilers or egg production females will be judged for production qualities and need not necessarily conform to breed standards. Look for uniformity in size and type.
- 4) The rules for standard size chickens apply equally to bantams and waterfowl where applicable.
- 5) All poultry shall be free of lice and mites when brought to the fair. Those not free of external parasites will be sent home.
- 6) Members need to provide their own cleaning tools, bedding, feeders, and waterers. **4-Hers are responsible for cleaning under the cages at the close of fair.**

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

POULTRY SHOWMANSHIP- See Showmanship area for rules, page 6.

- 1) Basis for judging showmanship is based on grooming and training 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. The judge may or may not ask questions of the exhibitor at the close of the routine. Check your 4-H Poultry Project Manual for more info.

G-90-001. Junior 8-10 years old as of Jan. 1

G-90-002. Intermediate 11-13 years old as of Jan. 1

G-90-003. Senior 14-18 years old as of Jan. 1

POULTRY

	STANDARD	BANTAMS
Cockerels- hatched during 2024	*G-90-004	*G-90-005
Cocks- hatched during 2024	*G-90-006	*G-90-007
Pullets- hatched prior to 2024	*G-90-008	*G-90-009
Hens- hatched prior to 2024	*G-90-010	*G-90-011
Breeding Pair- One pair per class	G-90-012	G-90-013

G-90-014. Pen of 3 Broilers

***G-90-018.** Ducks

***G-90-015.** Egg Production Trios

G-90-019. Pigeons

***G-90-016.** Turkey

G-90-020. Other

***G-90-017.** Geese

G-90-021. Other Breeding Pair

EGGS- 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 entry per class.

***G-90-022.** One (1) dozen white eggs

***G-90-023.** One (1) dozen brown eggs

***G-90-024.** One (1) dozen other colored eggs

MARKET BROILER PROJECT

1. All of the birds for this specific project will come from the same hatch and must be purchased through the Merrick County Extension Office. Price and delivery date will be advertised on social media platforms, and via email through 4honline.
2. Minimum order is 5 birds (limited to 20 birds) per exhibitor. Family members may share birds.

G-90-025 Pen of 3 Market Broiler Project

RABBITS- Superintendent Mollie Nielsen

- 1) Youth for the Quality Care of Animals (YQCA) - Nebraska 4-H requires all youth enrolled in livestock projects to complete annual quality assurance training through Youth for the Quality Care of Animals (YQCA).
- 2) Exhibitors are limited to showing three (3) entries per class, twelve (12) total rabbits.
- 3) All rabbits need to be ID with a tattoo and County ID Sheet with a picture turned into the Extension Office on or before **June 15**
- 4) Rabbit age will be the age of the rabbit on show day. Division breakdown will be by age of rabbit and not by weight of rabbit.
- 5) Members need to provide their own cleaning tools, bedding, feeders and waterers. **4-Hers are responsible for cleaning under the cages at the close of fair.**

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

RABBIT SHOWMANSHIP- See Showmanship area for rules, page 6.

- 1) Basis for judging showmanship is based on grooming and training of the rabbit and the appearance and behavior of the exhibitor. The exhibitor must vocally explain the steps in their routine and the merit of the rabbit, primarily showmanship is the skill of the exhibitor in presenting and explaining the rabbit before the judge, the excellence of the rabbit is not considered in scoring. The judge may or may not ask questions of the exhibitor at the close of the routine. Check your 4-H Rabbit Project Manual for more information.

G-100-001. Junior 8-10 years old as of Jan. 1

G-100-002. Intermediate 11-13 years old as of Jan. 1

G-100-003. Senior 14-18 years old as of Jan.



Rabbit ID's

COMMERCIAL BREED RABBIT- Includes: American, American Chinchilla, Argente Brun, Beveren, Blanc d Hotot, Californian, Champagne D'Argent, Checkered Giant, Cinnamon, Creme D'Argent, English Lop, Flemish Giant, French Lop, Giant Angora, Giant Chinchilla, New Zealand, Palomino, Satin, Silver Fox.

***G-100-004.** Junior Doe (under 6 mo.)

***G-100-005.** Intermediate Doe (6-8 mo.)

***G-100-006.** Senior Doe (over 8 mo.)

***G-100-007.** Junior Buck (under 6 mo.)

***G-100-008.** Intermediate Buck (6-8 mo.)

***G-100-009.** Senior Buck (over 8 mo.)

***G-100-010.** Commercial Pair- An intermediate or older male and female shown as a pair. Only one pair may be shown per exhibitor.

FANCY BREED RABBIT- Includes: American Fuzzy Lop, American Sable, Belgian Hare, Britannia Petite, Dutch, Dwarf Hotot, Dwarf Papillion, English Angora, English Spot, Florida White, French Angora, Harlequin, Havana, Himalayan, Jersey Woolie, Lilac, Holland Lop, Mini Lop, Mini Rex, Mini Satin, Netherland Dwarf, Polish, Rex, Rhinelander, Satin Angora, Silver, Silver Marten, Standard Chinchilla, Tan, Thrianta, Lionhead.

***G-100-011.** Junior Doe (under 6 mo.)

***G-100-012.** Senior Doe (over 6 mo.)

***G-100-013.** Junior Buck (under 6 mo.)

***G-100-014.** Senior Buck (over 6 mo.)

***G-100-015.** Fancy Pair- A senior male and female shown as a pair. Only one pair may be shown per exhibitor.

MARKET RABBIT - Market Rabbits will be judged for production qualities only and need not necessarily conform to breed standards.

***G-100-016.** Single Fryer- Not over 10 weeks of age. Minimum weight of 3½ pounds. Maximum weight 5½ pounds.

***G-100-017.** Meat Pen- Age limit 10 weeks. Minimum weight 3½ pounds each. Maximum weight 5½ pounds each. Meat pens shall consist of three rabbits, all of the same breed and variety. Broken group meat pens must also be of the same variety. A meat pen does not necessarily have to come from the same litter.

***G-100-018.** Roaster- Must be under 6 months of age. Minimum weight of 5½ pounds. Maximum weight 9 pounds.

***G-100-019.** Stewers- Must be 6 months of age and over. Minimum weight is over 8 pounds

COMPANION ANIMAL- Superintendent Mollie Nielsen

- 1) A 4-H member is limited to exhibiting one (1) companion animal per class, four (4) total companion animals.
- 2) Animals shall be free of fleas, ticks, mites, lice or other parasites. Animals shall be free of contagious diseases. Any animal showing signs of parasites or disease will not be judged.
- 3) **DUE July 10:** Ferrets must be vaccinated for rabies. The rabies vaccination is federally mandated to be given ONLY by a veterinarian. The vaccination must be current and include a veterinarian signature on the Vaccination Record. **Participants must have their veterinarian fill out and sign the "Nebraska 4-H Certification of Vaccination for Cats and Ferrets" and turn in by July 10.**

- 4) Animals eligible for the show - This lot cannot duplicate animals that are exhibited in other lots. Therefore, no dogs, cats, rabbits or poultry will be permitted in this show.
- 5) Score is based on presentation, handling of animal and exhibitor knowledge.

COMPANION ANIMAL SHOWMANSHIP- Exhibitor will choose one companion animal for their age division of showmanship. See Showmanship area for rules, page 6.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

G-110-001. Junior 8-10 years old as of Jan. 1

G-110-002. Intermediate 10-13 years old as of Jan. 1

G-110-003. Senior 14-18 years old as of Jan. 1



Cat/Ferret Vaccination Form

COMPANION ANIMALS- one (1) entry per class number.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

G-110-004. Guinea Pig, Rat

G-110-005. Chinchilla, Rabbit

G-110-006. Gerbil, Hamster, Mouse

G-110-007. Amphibians, Fish, Reptile

G-110-008. Birds, Parakeets

G-110-009. Ferret, Hedgehog

G-110-010. Other Small Animal

CAT- Superintendent Mollie Nielsen

- 1) A 4-H member is limited to exhibiting one (1) cat per class, two (2) total cats. ALL CATS MUST BE SHOWN ON A LEASH and must be on a leash any time they are removed from the carrier/cage. Refer to 4-H Cat/Small Animal Show Guidelines.
- 2) If a cat is not declawed, the claws must be clipped. Cats shall be free of fleas, lice, ticks, ear mites, ringworm, any internal or external parasite or infectious disease. If any signs of external parasites or other contagious health conditions are present, exhibitor will be asked to leave without being allowed into the show area.
- 3) **DUE July 10:** Cats are required to be current on rabies, panleukopenia, viral rhinotracheitis and calicivirus vaccinations. Cats must have a current feline leukemia vaccination OR proof of a negative test within 180 days of the show. Participants must have their veterinarian fill out and sign the "Nebraska 4-H Certification of Vaccination for Cats and Ferrets". 4-Hers vaccinating their own cats must provide proof by including the vaccination labels on the form and have it signed. The rabies vaccination is federally mandated to be given ONLY by a veterinarian. **The vaccination must be current and include a veterinarian signature on the Vaccination Record and turned in by July 10.**
- 4) Exhibitors are required to be present during the judging of their exhibit. Score is based on showmanship.

CAT SHOWMANSHIP- Exhibitor will choose one cat for their age division of showmanship. See Showmanship area for rules, page 6.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

G-120-001. Junior 8-10 years old as of Jan. 1

G-120-002. Intermediate 11-13 years old as of Jan. 1

G-120-003. Senior 14-18 years old as of Jan. 1



Cat/Ferret Vaccination Form

CATS- one (1) entry per class number.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

G-120-004. Long Hair Cat

G-120-005. Short Hair Cat

DOG- Superintendents Kim & Travis Stuhmer

- 1) Procedures described in Nebraska 4-H Dog Show Rules 4H421 will be followed.
- 2) **DUE July 10:** All dogs must be immunized for distemper, hepatitis, parvo and rabies. Bordetella vaccine is recommended but not required. The [Nebraska State Fair Show Vaccination Record Form \(SF 263\)](#) must document all vaccinations deadline given within 1 to 3 years of the show date based on label guidelines. All vaccinations must be in effect at the time of the Dog Show
- 3) Females in season will not be permitted to be shown. Overly aggressive dogs may be disqualified at the discretion of the judge or superintendent. Lameness or crippled dogs will not be permitted to show if it is determined by a show superintendent that it is affecting the health of the dog. Procedures described in Nebraska 4-H Dog Show Rules 4H421 will be followed.

DOG SHOWMANSHIP- See Showmanship area for rules, page 6.

- 1) Each class will be judged on handler's appearance (10%), grooming and conditioning of dog (20%), coordination of the dog and handler (50%), and general knowledge (20%).

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

G-700-001. Junior 8-10 years old as of Jan. 1

***G-700-020.** Intermediate 10-13 years old as of Jan. 1

***G-700-021.** Senior Showmanship 14-18 years old as of Jan. 1



Dog Vaccination Form

DOG OBEDIENCE CLASSES

PREMIUM: Purple \$4.00; Blue \$3.00; Red \$2.00; White \$1.00

***G701010.** Beginning Novice Division A - exhibitor and dog are in first year of competition (started Dog Project after 10/1/2022).

Exhibitors incorrectly entered will be moved to Beginning Novice Division B or C

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

***G701025.** Beginning Novice Division C - exhibitor **and** dog are beyond first year of competition.

***G701030.** Novice A - exhibitor and dog have received purple in Beginning Novice and are in first year of Novice competition (started after 10/1/22)

***G701035.** Novice B - exhibitor and dog are beyond first year of Novice Class competition.

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

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

***G701050.** Open - exhibitor and dog have received a purple in Adv. Graduate Novice

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

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

DOG AGILITY CLASSES

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

PREMIUM: Purple \$4.00; Blue \$3.00; Red \$2.00; White \$1.00

***G-702-010. Level 1:** 6 Obstacles

***G-702-020. Level 2:** 10 Obstacles

***G-702-030. Level 3:** 10 Obstacles

***G-702-040. Level 4:** 13 Obstacles

***G-702-050. Level 5:** 15-20 Obstacles

VETERINARY & ANIMAL SCIENCE- Superintendent Beth Johnson

- 1) The purpose of the Vet Science display is to inform public about a common health problem of animals or a vet science principle
- 2) 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.
- 3) 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.
- 4) **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.**
- 5) **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 22x28" and may be either vertical or horizontal.
- 6) **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 22x28" or on 1/4" plywood or equivalent that does not exceed 24" h or 32" w.
- 7) **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.
- 8) **IMPORTANT,** 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 Veterinarian Educational Literature. Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

***H-840-001.** 4-H Veterinary Science Large Animal Poster or Display

***H-840-002.** 4-H Veterinary Science Small Animal/Pet Poster or Display

H-840-003. Rope Display - may include a large or small animal halter or a display of 5 or 10 knots, hitches, and splices. Items must be labeled. The ends of all ropes must be whipped. Judging consideration will be given to difficulty of items shown. Each rope exhibit must be mounted on a board that is 1/4" thick and appropriately sized for the number of knots.

FLOPS/HARD LUCK

FLOPS/HARD LUCK CLASS

HL-900-02. An exhibit and a written story about any exhibit, from any department, that did not turn out the way it was planned. Include what happened, what you learned and what you will do differently next time. Exhibits will receive an orange ribbon with a premium of \$1.00.

SCIENCE, TECHNOLOGY, ENGINEERING AND MATH Superintendent Beth Johnson

GENERAL RULES FOR ALL CLASSES

- 1) The name and county of each exhibitor should appear separately on the back of each board, poster, or article and on the front cover of the notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.

ROCKETS/DRONES- This category gives 4-H'ers a chance to display the rockets and drones they have created. Through participation in this category 4-H'ers will show judges what they learned about and how they adapted their exhibit throughout this project. Involvement in STEM Rockets gives participants a first-hand experience in modern technology.

RULES: One entry per class number. See General Rules for exhibits

- 1) 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 12x12" and the base should be 3/4" thick. No metal bases. If the rocket fins extend beyond the edges of the required base (12x12"), then construct a base that is large enough to protect the fins. The base size is dictated by the size of the rocket fins.
- 2) 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.
- 3) 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.
- 4) A report, protected in a clear plastic cover, must include: 1) rocket specification (include original or photo of manufacture packaging stating rocket skill level), 2) a flight record for each launching (weather, distance, flight height), 3) number of launchings, 4) flight pictures 5) Safety (how did you choose your launch site? Document safe launch, preparations, and precautions) 6) objectives learned and 7) conclusions.
- 5) 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.
- 6) 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.
 - a) 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.
 - b) 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.
 - c) 4-H Rocket project levels are not intended to correspond to National Association of Rocketry model rocket difficulty ratings or levels.
- 7) High power rockets (HPR) are similar to model rocketry with differences that include the propulsion power and weight increase of the model. They use motors in ranges over "G" power and/or weigh more than laws and regulations allow for unrestricted model rockets. These rockets are NOT appropriate for 4-H projects and will be disqualified.
- 8) Posters can be any size up to 28x22" when ready for display. Example: tri fold poster boards are not 28x22" when fully open for display.
- 9) Entry level rockets, made with PLASTIC FINS and PLASTIC BODY TUBES, are COUNTY ONLY projects.

Fly kites and launch rockets; Explore space; Experience disorientation; Learn to fly an airplane; Make a shuttle on a string; Control flight directions; Create an altitude tracker; Evaluate navigation systems; Explore pilot certification requirements

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

Rockets-Youth enrolled in STEM Rockets may exhibit in any class within this division.

***H-850-001.** Rocket: Any skill level rocket with **wooden fins and cardboard body tubes** painted by hand or air brush.

***H-850-002.** Aerospace Display: Poster or display board that displays or exemplifies one of the principles learned in the Lift Off project. Examples include; display of rocket parts and purpose, explaining the parts of a NASA rocket or shuttle, interview of someone in the aerospace field, or kite terminology. Include notebook containing terminology (definition), and what was learned. Display can be any size up to 28x22".

***H-850-003.** Rocket: Any Skill Level 2 Rocket with wooden fins and cardboard body tubes painted using commercial application for example commercial spray paint.

Self-Designed Rocket-Youth enrolled in STEM Rockets may exhibit in any class within this division.

***H-850-004.** Rocket: Any self-designed rocket with wooden fins and cardboard body tubes.

Drones-Youth enrolled in STEM may exhibit in any class within this division.

***H-850-005.** 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 28x22”.

***H-850-006.** Drone Video-Exhibit must demonstrate how the drone interacts with the outside world. Examples include: field scouting, surveying damage from natural disasters, drones used in commercial applications and settings, and drones used for structural engineering. Video should not exceed 5 minutes. State fair qualified videos should be submitted to <https://go.unl.edu/2024nesfset> by August 15, 2024, or be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing.

COMPUTERS- This category gives 4-H'ers a chance to display their knowledge of computers. Through participation in this category 4-H'ers will develop presentations that show judges their knowledge in the different aspects of computer science. Involvement in STEM Computers gives participants a first-hand experience in modern technology.

Learn about hardware and software; Discuss Internet safety; Create and save data; Use Internet search engines; Take apart a computer; Participate in a chat room; Create a newspaper or magazine; Build your own computer system; Design a Website; Develop a multimedia presentation; Use spreadsheets

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

Computer Mysteries Unit 2

***H-860-001.** Computer Application Notebook– 4-H exhibitors should use computer applications to create a graphic notebook utilizing computer technology. 4-Her may create any of the following: greeting card (5 different cards such as a birthday, wedding, anniversary, sympathy get well or other); a business card (3 cards for 3 different individuals and businesses); menu (minimum of 2 pages including short description of foods and pricing); book layout (I-book); promotional flyer (3 flyers promoting 3 different events); newsletter (minimum 2 pages); or other: examples such as precision farming or family business logo etc. This exhibit consists of a notebook (8.5x11 inches) which should include a (1) a detailed report describing: (a) the task to be completed, (b) the computer application software required to complete the task, (c) specific features of the computer application software necessary for completing the task (2) print out of your project. Project may be in color or black and white.

***H-860-002.** Produce a Computer Slideshow Presentation – Using presentation software a 4-H Exhibitor designs a multimedia computer presentation on one topic related to youth. A notebook with a printout of all the slides should be submitted. Slideshow should include a minimum of 10 slides and not more than 25. Incorporate appropriate slide layouts, graphics, animations, and audio (music or voice and transition sounds do not count). Each slide should include notes for a presentation. All slideshows must be uploaded. State fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 15th, 2024. Or entries can be uploaded to a cloud sharing service and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

Computer Mysteries Unit 3

***H-860-003.** Produce an Audio/Video Computer Presentation – Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth, including audio and/or video elements. A notebook with a printout of all the slides should be submitted. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation, or voice over and/or original video clip. State Fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 15th, 2024. or entries can be uploaded to a cloud streaming service and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

***H-860-004.** How to STEM (Science, Technology, Engineering and Math) Presentation- 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. State Fair eligible entries should be submitted to <https://go.unl.edu/2024nesfset> by August 15th, 2024, or videos can be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

***H-860-005.** Virtual Platform Presentation - Youth design a fully automated educational presentation using (any multimedia platform such as Tik Tok, YouTube, Canva, Canvas, etc. Submissions may include a notebook, poster, etc., explaining the process, experience, and/or presentation. All submissions must include a link to the virtual presentation. State Fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 15th, 2024. Entries can also be uploaded to a cloud sharing service. Exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing.

***H-860-006.** Create a Website/Blog or App – Design a simple website, blog, or app for providing information about a topic related to youth. Include an explanation of why the entry was created. Any current website, blog, or app development platform is accepted such as Google Sites, iBuildApp, Wix, etc. If the website, blog, or app isn't live, include all files on a flash drive in a plastic case. State Fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 15th, 2024. Entries can be uploaded to a cloud sharing service. Exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing.

***H-860-007.** 3D PRINTING: 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.

***H-860-008.** Maker Space/Digital Fabrication – This project is a computer generated projected created using a laser cutter, vinyl cutter, heat press or CNC router. Vector or 3D based software such as corel draw or Fusion 360 would be an example of an appropriate software used to create your finished project. Project should include a notebook with the following:

- 1) What motivated you to create this project?
- 2) Software and equipment used.
- 3) Directions on how to create the project.
- 4) Prototype of plans
- 5) Cost of creating project.
- 6) Iterations or modifications made to original plans.
- 7) Changes you would make if you remade the project.

ROBOTICS- This category involves the many different aspects of Robotics. Participants will learn more about how robots are designed and developed as well as the mechanical and electronic elements of robots. Involvements in STEM Robotics gives participants first-hand experience in modern technology.

Discover the design and functions of robotic arms; Build a robotic arm that moves; Explore robot movement, power transfer, and locomotion; Design and build machines the roll, slide, draw or move underwater; Make the connection between the mechanical and electronic elements of robots; Explore sensors, write programs, build circuits and design your own robot; Use commercial robotics kits to explore the world of robotics; Learn to program your robot using sensors, loops and conditional statements

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***H-861-001.** Robotics Poster - Create a poster (14x22") 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-Her.

***H-861-002.** Robotics Notebook – 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 learning experience. The notebook should contain at least three pages. Topics could include a programming challenge, a programming skill, calibration, sensor exploration, or any of the topics suggested in Class 1.

***H-861-003.** Robotics Video-This class should be displayed in a notebook. The notebook should include a video clip on a CD/DVD that demonstrates the robot performing the programmed function. Include your pseudo code and screenshots of the actual code with a written description of the icon/command functions.

***H-861-004.** Robotics Careers Interview - 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 such as a short video uploaded to a cloud sharing service. Include a QR code with your project to allow for judging access. Or videos can be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing. Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12-point font, and 1" inch margins. Multimedia reports should be between 3 to 5 minutes in length.

***H-861-005.** Robotics Sensor Notebook - Write pseudo code which includes at least three sensor activities. Include the code written and explain the code function. Codes can be submitted as a multimedia format uploaded to a cloud sharing service. Include a QR code with your project to allow judging access. Multimedia presentations should be 3 to 5 minutes in length. Videos can also be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions for public viewing.

***H-861-007.** Kit Labeled Robot (cannot be programmed) and Notebook - 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 15x20 they may not be displayed in locked cases.

***H-861-008.** 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.

JUNK DRAWER ROBOTICS - one entry per class number.

- 1) All exhibits should be original designs made with everyday objects and materials.
- 2) Exhibits should be based on directions in the Junk Drawer Robotics Notebook.
- 3) Projects should include designs and worksheets from the manual and information.

Junk Drawer Robotics 1 – Give Robots a Hand

H-865-001. Marshmallow Catapult – Build a catapult that will launch a marshmallow.

H-865-002. Balance Beam Design – Modify catapult to be used as a balance beam.

H-865-003. Robot Arm – Design and build a robotic arm using levers to pick up and move a weight from one spot to another location.

H-865-004. Gripper – Design and build a gripper to pick up a ping pong ball, plastic golf ball, plastic egg or toy block.

H-865-005. Put It All Together – Combine the work of the robot arm, power source and gripper into one robot.

Junk Drawer Robotics 2 – Robots on the Move

H-865-006. Clip Mobile – Design and build a vehicle that can carry a box of paper clips down a ramp using items listed in robotics notebook.

H-865-007. Can-Can Robot – Design and build an electric motor-powered robot made from a paper or plastic cup. The robot should be able to draw or make marks on a piece of paper.

H-865-008. Es-Car-Go – Design and build a vehicle that is powered by a motor and battery and uses a gear train to make it go slow and climb a ramp.

H-865-009. Underwater ROV – Design and build an underwater ROV that can be powered to go up and down in a tank of water.

Junk Drawer Robotics 3 – Mechatronics

H-865-010. Switch – Design and build a single pole double throw switch to control two different lights at the same time.

H-865-011. Robot – Build a robot that will travel around an object or wall using a sensor for control.

H-865-012. Breadboard – Create a working electronic circuit using a solderless breadboard.

H-865-013. Robot – Build a robot that will perform a specific task.

ELECTRICITY- 4-H'ers have the opportunity to create informational exhibits about the different aspects of electricity and will be better educated about electricity and be able to present their knowledge to others.

Explore electrical insulation; Learn about the effects of magnetism; Build an electromagnet and electric motor; Decode circuit diagrams;

Build circuits and test voltages; Build a rocket launcher and a burglar alarm; Measure electrical usage; Replace electrical switches;

Evaluate light bulbs and test for electrical power; Explore LED's and SCR's, transistors, and the construction of an SCR intruder

alarm; Learn the basics of solid-state electronics; Build a blinking" flasher and an amplifier""xplore LED's and SCR's

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

Magic of Electricity: Unit 1

H-870-009. Toy Electric Motor from Pre-Manufactured Kit - Working model of an electric motor. The motor should have the major parts labeled. A short, written description of how the motor works is to be included in a clear protective cover.

H-870-010. Electronic Equipment made from a purchased pre-manufactured kit. Include a report explaining purpose of item, operating instructions, and wiring diagrams. Include items needed to demonstrate operation of equipment if possible.

H-870-011. Bright Lights - Create your own flashlight using items found around your house. Flash lights should be made out of items that could be recycled or reused. No kits please.

H-870-012. Control the Flow - Make a switch. Use the following items: D cell battery, battery holder, insulated wire, 2 or 2.5 volt light bulb, bulb holder, paper clip, cardboard, and two brass paper fasteners to create a circuit that you can open and close.

H-870-013. Conducting Things - Make a circuit with a switch and a light bulb that can be used to test different household items for their ability to act 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.

H-870-014. Is There a Fork in the Road - Use the following items to construct one parallel and one series circuit. Items: D cell battery, battery holder, insulated wire, bulb holder and a 2- or 2.5-volt light bulb.

H-870-015. Other project using skills from Unit I. May be combined with another project (ex. farmstead display, etc.)

Investigating Electricity: Unit 2

H-870-016. Case of the Switching Circuit - Use the following items: two D cell batteries, two battery holders, light bulb, bulb holder, a 3x6" piece of cardboard, six brass paper fasteners and approx. 2' of 24 gauge insulated wire to build a three-way switch. Write a short essay or create a poster that illustrates how three-way switches function.

H-870-017. Rocket Launcher - Construct a rocket launcher out of the following materials: a plastic pencil box that is at least 4x8", single pole switch, single throw switch, normally-open push button switch, 40 feet of 18 or 22 gauge stranded wire, 4 alligator clips, 2x6 board 6" long, ½ inch diameter metal rod, rosin core solder, soldering iron or gun, wire stripper, small crescent wrench, pliers, small Phillips and straight blade screwdrivers, drill, 1/8 and 1/4 inch drill bits, rocket engine igniter, additional drill bits matched to holes for two switches. You must successfully build a rocket launcher and light two rocket igniters with your launcher. Create a poster using photographs to show the "step by step process" you used to build your launcher.

H-870-018. Stop the Crime - Build an ALARM using the following materials: On-off push button switch, mercury switch, buzzer-vibrating or piezoelectric, 9-volt battery, battery holder, 4x4x1/8" Plexiglass board to mount circuit on; rosin core solder, soldering gun/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.

Wired for Power: Unit 3

- *H-870-001.** Electrical Tool/Supply Kit - 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.
- *H-870-002.** Lighting Comparison - Display studying the efficiency of various lighting (incandescent, fluorescent, halogen, Light Emitting Diodes, etc.). Exhibit could be a poster display, or an actual item.
- *H-870-003.** Electrical Display/Item - 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.
- *H-870-004.** Poster- Poster should exemplify one of the lessons learned in the Wired for Power Project. Posters can be any size up to 28x22"

Entering Electronics: Unit 4

- *H-870-005.** Electrical/Electronic Part Identification - 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 contain a minimum of 10 different parts.
- *H-870-006.** Electronic Display - Show an application of one of the concepts learned in the Electronics project. Examples include; components of an electronic device (refer to page 35 of the manual).
- *H-870-007.** Electronic Project - Exhibit an electronic item designed by the 4-Her or from a manufactured kit that shows the electronic expertise of the 4-Her. Examples include: a radio, a computer, or a voltmeter.
- *H-870-008.** Electronic Poster -should exemplify one of the lessons learned in the Entering Electronics Project. Posters can be any size up to 28x22"

GEOSPATIAL- Geospatial is a diverse category that includes a variety of exhibits 4-H'ers can get involved in. Through participation in this category 4-H'ers will gain more knowledge about Nebraska's rich history and diverse geography. Take close note of the rules to ensure your exhibit qualifies.

Learn about Geography; Learn about Geographic Information Systems (GIS); Learn about Global Positioning Systems (GPS)

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

- *H-880-001.** Poster- Create a poster (not to exceed 14x22") 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.
- *H-880-002.** 4-H Favorite Places or Historical Site Poster–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 14x22"
- *H-880-003.** GPS Notebook-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.
- *H-880-004.** Geocache-Assemble a themed geocache (physical geocache is REQUIRED with exhibit). Each geocache should be a water-tight container. It should include a logbook and pencil for finders to log their visits and may include small trinket, geo-coins, etc. for the finders to trade. Documentation should include a title, teaser description and the geographic coordinates of intended placement. 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.
- *H-880-005.** Agriculture Precision Mapping–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.
- *H-880-006.** 4-H History Map/Preserve 4-H History: Nominate a Point of Interest for the 4-H History Map Project include copy of submitted form in folder or notebook. To nominate a site for the 4-H history map please go to <http://arcg.is/1bvGogV> For more information about 4-H history go to http://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)
- *H-880-007.** GIS Thematic Map – Using any GIS software, create a thematic. Thematic maps can utilize any subject of interest to the 4-Her. Example map would be Amelia Earhart's or Sir Francis Drake's voyage population density maps, water usage 8½x11" 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 8.5x11" up to 36x24", should include Title, Base Map, Neat Line, North Arrow, and Legend. Identify the source of your information on the back of map.
- *H-880-008.** Virtual Geocache - Keep a log of at least 5 places visited using a virtual geocache platform. At least one site should be from a community other than where you live. For each site, record the latitude, longitude and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional, but highly encouraged.

WOODWORKING- 4-H'ers have the opportunity to create exhibits about varying levels of woodworking. Participants can also create informational exhibits about their woodworking projects. Involvement in this category 4-H'ers will be better educated about and better their woodworking skills.

- 1) 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 alterations 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.

- 2) 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. **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.**

Develop skills such as measuring, squaring and cutting a board, driving nails, and using clamps and screws; Build a picture frame, a letter holder, a box, or an airplane; Measure, cut, sand, drill, and use advanced hand and power tools; Apply paint and use bolts and staples; Build a sawhorse, birdhouse, tool box, or a stool; Practice measuring angles, cutting dado and rabbet joints; Use a circular saw, a table saw, and a radial arm saw; Sand and stain wood

Woodworking Wonders 1 – Measuring Up/Woodworking Wonders 2 – Making the Cut

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

H-911-020. Article: Item made using skills learned in the Measuring Up manual

H-911-030. Article: Item made using skills learned in the Making the Cut manual.

Woodworking Wonders 3 – Nailing It Together

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

***H-911-001.** Article: 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.

***H911-003.** Recycled Display – 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 based on 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?)

*** H-911-004.** Composite Wood Project - 60% of the project must be wood and 40% made from other materials such as metal, rubber, resin, etc. All plans and plan alterations must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

***H-911-005.** Outdoor Wood Project made with Treated Wood- Treated wood projects DO NOT have to have a finished coating. All plans and plan alterations must be attached to the article. Protect plans with a cover. If project is designed to be outside. Examples include: picnic tables, planters, outdoor furniture, etc.

***H-911-006.** Wood Projects created on a Turning Lathe - Article is the object created from spinning wood on a turning lathe. Article must be appropriately finished and/or sealed. Exhibit must include plans detailing design and process of completion, any changes made to the design, details of finishing techniques, and other relevant information about the article. Must include a description of tools used.

Woodworking Wonders 4 – Finishing Up

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

***H-911-007.** Article: Item made using skills learned in the Finishing It Up manual. Examples include dovetailing, making a pen using lathe, overlays, using a router, etc. Item is required to be appropriately finished.

***H-911-008.** Recycled Display – Article made from recycled, reclaimed, or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the design and engineering process was used to develop the woodworking plan. Engineering Design Process 1) State the problem (Why did you need this item?) 2) Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?) 3) Select a solution (How does your solution compare on the basis of cost, availability, and functionality?) 4) 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?)

WELDING- All metal welding processes accepted. This category helps 4-H'ers learn the basics of welding. In addition, 4-H'ers get the opportunity to present their knowledge on the topic and display what they have made. Involvement in STEM Welding gives participants a first-hand experience in a skill that can be used for a lifetime.

- 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 12x15" 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 include 4-Her name and county, 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) Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article.
- 8) 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.

Learn to cut metal with an arc solder; Weld high carbon, spring steel and alloy steels; Weld horizontal, vertical and overhead positions

Class 1 4-H Welding Project Tips and Suggestions

- 1) All welds should be made with the same electrode/wire/rod size and number. 2)Welds should be made only on one side of metal so penetration can be judged. 3)Welds should be cleaned with 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.

Class 2 4-H Welding Project Tips and Suggestions

- 1) It is suggested that all welds be of the same size and thickness as metal. These pieces are referred to as coupons. The welds can be on one coupon that is about 4x4" or on individual coupons that are about 2x4" 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.

Class 3 & 4 4-H Welding Project Tips and Suggestions

- 1) All welds should be cleaned and protected from rust with paint or light oil. Plans are to be complete enough that if they were given to a welding shop, the item could be made without further instructions. Bill of materials should include a cost for all items used including steel, electrodes, paint, wheels, etc.
- 2) **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.**

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***H-920-001.** Welding Joints-a display of one butt, one lap, and one fillet weld.

***H-920-002.** Position Welds-a display showing 3 beads welded in the vertical down, horizontal and overhead positions.

***H-920-003.** Welding Art-any art created using tack welds to hold the metal pieces together (examples include horseshoe projects). Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish.

***H-920-004.** Welding Article-any shop article or piece of furniture where welding is used in the construction. 60% of item must be completed by 4Her and notes regarding laser welding or machine welding must be included.

***H-920-005.** Welding furniture-any furniture with 75% welding is used in the construction. 60% of item must be completed by 4Her and notes regarding laser welding or machine welding must be included.

***H-920-006.** Plasma Cutter/Welder Design-Plasma cutters/welders allowed for detailed design(s) to buttcut 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 software used), this allows for replication of the project c) Lessons learned or improvements to the project. d) Steps to finish the project.

***H-920-007.** Composite Weld Project- 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 alterations, 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 the project may be displayed outside.

ENERGY- This category provides 4-H'ers a way to present their ideas about renewable energy resources. Through participation in this category 4-H'ers will learn more about physics, friction, energy, and elasticity. In addition, participants will make a display to go along with their findings.

Learn basic principles of physics, such as friction, energy, elasticity; Do experiments with a radio-controlled pickup; Learn about wind and its uses; Design, create, build and test a wind-powered device; Explore wind as a potential energy source in the community

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

***H-900-001.** Create and Compare Energy Resources Poster-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 28x22."

- *H-900-002.** Experiment Notebook–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.
- *H-900-003.** Solar as Energy Display-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'X2'. 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.
- *H-900-004.** Water as Energy Display-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'X2'. Include a notebook of why the item was designed and how it harnesses the power of water.
- *H-900-005.** Wind as Energy Display –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'X2'. Include a notebook of why the item was designed and how it harnesses the power of wind.
- *H-900-006.** Other Nebraska Alternative Energy –Notebook should explore Nebraskan alternative energy source besides wind, water, and solar power. Include information on type of power chosen, infrastructure for distribution, what resources are needed to create this alternative resource, cost of production, and potential uses of bio-products. Examples include geothermal, biomass, ethanol, bio-diesel, methan reactors, etc.

MISCELLANEOUS ENGINEERING- one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

- M-900-007.** Small Engines Display/Item - Show an application of one of the concepts learned in the Warm It Up project. Examples include: comparison of engine oil types, transmissions, or safety related to engines. Exhibit could be a poster display or an actual item.
- M-900-008.** Engine Display/Item - Display/Item should exemplify one of the lessons learned in the Tune It Up project. Examples include: diagnostic tools, fuel systems, ignition systems. If a complete engine is exhibited, it will not be started. However, display needs to report process of building/rebuilding engine and how/where engine will be utilized (i.e. lawn mower, weed eater, snow blower, etc.)
- M-900-009.** Rebuilt Farm Tractor/Machine

CONSERVATION, WILDLIFE & SHOOTING SPORTS

Superintendent Beth Johnson

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

- 1) Show What You Did and Learned - All exhibitors must show evidence of their personal field experiences, study or observations that relate to their exhibit. This helps judges understand what the 4-H'er did and learned in the process that led to the exhibit.
- 2) Proper Credit - Show proper credit by listing the sources of plans or other supporting information used in exhibits.
- 3) Whose Exhibit? - The exhibitor's name, county and age must be on the back or bottom of all displays.
- 4) Wildlife and Wildlife Laws - "Animal" or "wildlife" in the following classes includes wild fish, amphibians, reptiles, birds, or mammals. Please make sure you are following all wildlife laws. Domestic animal (i.e. domestic livestock or house pets) and insect exhibits are not appropriate for this area.
- 5) Project Materials - Related project booklets include Exploring Your Environment Series, 4-H Shooting Sports, Amphibians, Bird Behavior (EC 59381), Fishing for Adventure Project Manuals, Wildlife Conservation (4-H 125), Geology, and Outdoor Adventure. Other resources include: Outdoor Skills: Learning Science in the Outdoors series (Science Signature Outcome Program) outdoornebraska.gov/afterschool/ and www.whep.org.
- 6) Board and Poster Exhibits - Mount all board exhibits on ¼” plywood, Masonite, or similar panel no larger than 24x24”. Poster exhibits should be on regular poster sheets, no larger than standard size (22x28”) but half size, 22x14”, is recommended.
- 7) Exhibit size - Exhibits other than poster/display board should not exceed 48x48” and be able to be moved by two people.

Example to attach to your exhibit
<p>Name: Chris Clover County: Clover County Age: 10</p> <p>Field Experience, Study, or Observations:</p> <p>I attended a 4-H workshop where we put out a food plot, and then made turkey calls. We played a game about attracting turkeys. Sometimes we acted like a female to draw in a tom turkey. Sometimes we acted like a lost baby turkey to call in a whole flock. I was able to use my turkey call and play the game successfully. While I never turkey hunted in person, I went on-line to research more turkey calls. I hope to turkey hunt someday, and I want to use a box call to hunt fall turkeys.</p> <p>Credits/Source: Information was obtained from Nebraska Game & Parks website</p>

WILDLIFE AND HOW THEY LIVE- one entry per class number.

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

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

- *D-340-001.** Mammal Display
- *D-340-002.** Bird Display
- *D-340-003.** Fish Display
- *D-340-004.** Reptile or Amphibian Display
- *D-340-005.** Wildlife Connections - Board or poster exhibit. The purpose of this display is to show inter-connections and related aspects among animals, plants, and other habitat components. All displays should show two or more interactions (connections) that occur between/among animals, or between animals and their habitat. Displays might show how animals interact with other animals, with people, or with their habitat.
 Examples: 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 throughout the year. 4) Show predation, competition, or other behavior 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.

- *D-340-006.** Wildlife Tracks - Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. 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. 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 a picture or illustration of the animal.
- *D-340-007.** Wildlife Knowledge Check - use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife related knowledge. Plan size and shape to facilitate transportation and display; maximum size 24x24".
- *D-340-008.** Wildlife Diorama - exhibit must be no larger than 24x24". The exhibit might show grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat. Example: show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge-adapted species such as white-tailed deer, Northern bobwhite, ring-necked pheasants, mourning doves, cottontail rabbits, fox, squirrels, Northern cardinals, or blue jays. Label the habitats displayed and show at least five kinds of wildlife in their proper habitats.
- *D-340-009.** Wildlife Essay - learn how to share educational information by writing. Choose a conservation or wildlife topic that interest you and write an essay about it. For example, write about a particular species of wildlife that you have observed or about the values of wildlife. You might write about wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about ethics, proper behavior in the outdoors, hunting, or fishing. The essay is between 100 and 1000 words long and typed, double spaced on 8½x11" paper. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them.
- *D-340-010.** Wildlife Values Scrapbook - make a scrapbook about the various values of wildlife. This would include aesthetic, scientific, commercial, game, genetic, and/or ecological. One resource would be in the Wildlife Conservation project booklet (4-H 125).
- *D-340-011.** Wildlife Arts - the purpose of this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, wood carvings, painted duck decoys, or songs or poems written by the exhibitor. Entries must be appropriate for fair display and no larger than 24x24". 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- one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

- *D-342-001.** Houses - Make a house for wildlife. Examples: birdhouse (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house-no insect houses. Make the house functional so that dimensions, hole size, etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kinds of animal(s) for which the house is intended, 2) where and how the house should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences. Tips: check NebGuides on bird houses and shelves.
- *D-342-002.** Feeders/Waterers - Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay; no insect feeders. Include the following information: 1) the kinds of animal(s) for which the water/feeder is intended, 2) where are how the water/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences. Tips: check NebGuides on feeding birds.
- *D-342-003.** Wildlife Habitat Design - Board or poster exhibit. 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- one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

- *D-343-001.** Fish Harvesting Equipment - 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 a brief explanation of purpose of each item and when or where it is used. Indicate any personal experiences you have had with the item(s).
- *D-343-002.** Build a Fishing Rod- Rod building with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches length. Exhibit must be mounted on a board. Include with the exhibit: 1) Explanation of cost of materials/components, where materials/components were purchased, and how many number of hours required for construction. 2) Label all parts. 3) 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 downrod. Guide wraps of size A to D, nylon, or silk thread. 4) Exhibit will be judged on: workmanship, labeling of parts, information, and neatness.
- *D-343-003.** Casting Target - make a casting target for exhibit and use. Target must be under 48x48". The bullseyes must be 2 feet, outerband must be 1 foot in diameter and can have up to 3 rings. They must be easy to store, durable and weather resistant. Include the purpose and rules of using your casting target.
- *D-343-004.** Wildlife Harvesting Equipment - Board Exhibit - Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed: the purpose of each item, when or where it is used, and any personal experience you have had with the item(s).
- *D-343-005.** Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory-Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys,

etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype and any adjustments you made.

TAXIDERMY- one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***D-346-001.** Tanned Hides- Exhibit of a wild animal hide properly processed by the member. No requirement as to mounting but must meet the size requirement listed under General Rules. Include the animal's name and the following information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

***D-346-002.** Taxidermy- Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to mounting but must meet the size requirement listed under General Rules. Include the animal's name and the following information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

SHOOTING SPORTS- one entry per class number.

- 1) 4-H Shooting Sports requires youth to be under the direct leadership of a certified 4-H Shooting Sports Leader in either shotgun, rifle (bb gun), archery, pistol, black powder/muzzleloader, and/or hunting skills. **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.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***D-347-001.** Shooting Aid or Accessory – 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.

***D-347-002.** Storage Case – Any item with the purpose to safely hold a firearm, bow, ammunition, and/or arrows. Examples: soft sided shotgun case, quivers, firearm safe, include your design, or plans you adapted. Explain how the storage case is used.

***D-347-003.** Practice Game or Activity – Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials of 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

***D-347-004.** Science, Engineering, Technology Advancements of Shooting Sports, 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 8½x11” paper.

***D-347-005.** Healthy Lifestyles Plan – Include a shooter’s (hiker’s, camper’s, angler’s) diet and exercise plan, and how the 4-H member will benefit or improve from following the plan. Ideally, the 4-H member would follow the plan and include some journal entries about adaptations or improvements made while following the plan.

***D-347-006.** Citizenship/Leadership Project – 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.

***D-347-007.** Career Development/College Essay, Interview or Display – 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 ½x11” paper. Interviews need to include a picture of the interviewee in their work setting, questions asked, and a transcript of answers.

***D-347-008.** Community Vitality Display – Explore the difference shooting sports, conservation, fishing, and hunting make in keeping Nebraska vibrant especially in rural areas. Present facts and research in an interesting way for the public to learn from.

***D-347-009.** Ag Literacy-Value Added Agriculture Interview or Research Project – Explore how traditional ag producers are adding value to their production agriculture operations through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc. Present finding in an interesting way for the public to learn from.

OTHER NATURAL RESOURCES- one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***D-361-001.** Design Your Own Exhibit in Natural Resources, Conservation, Geology or Ecology. This class is for educational exhibits about natural resources, conservation, wildlife, or ecology that do not fit into other categories. Entries must be appropriate for fair display and no larger than 24x24". 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.

Outdoor Adventures - Level 1 – Hiking Trails

D-341-101 - Poster – Create a poster or display no larger than 22x28”. Topics may include, but not limited to one or more of the following: trail map(s) you have hiked, hiking essentials, your hiking adventures, wildlife or plants observed while hiking (birds, animal prints, butterflies, etc.), plan a hike, explain “Leave No Trace” and how this was followed during hiking, collection of photos from your hikes.

D-341-102 – Journal/Binder – Written report of actual, virtual or imagined trail(s) hiked with observations, OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping trip diary. Feathers, leaf or flower pressings must be securely attached if included. Photos or drawings of observations encouraged. Exhibits measure no larger than 16x16”.

D-341-103 – Hiking Safety – Must include explanation of use of item, why selected/purpose of item and how it meets hiking needs. May include, but are not limited to, one of the following: a compact hiking safety kit, homemade compass or homemade water purifier. Exhibits measure no larger than 18x24”.

D-341-104 – Hiking Adventure Game – Create a game of trails of outdoor adventures. Must be educational on one or more aspects of hiking, must include clear instructions as to the purpose and what can be learned by playing the game. Exhibits are no larger than 18x24

D-341-105 – Other Hiking Item(s) – Must include what inspired the creation of the item(s) and its purpose. May include, but are not limited, to one of the following: hiking backpack, nature art, nature poem or story, homemade hiking snack mix displayed in a resealable plastic bag (include why ingredients were selected and nutritional value). Exhibits measure no larger than 18x24”.

Outdoor Adventures - Level 2 - Camping Adventures

***D-341-001.** Poster - 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.

***D-341-002.** Journal/Binder - Written report of virtual or actual camping/hiking trips with observations OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping or hiking trip diary. Explain growth in project, leading the hikes, planning the camping trip, now being able to identify the wildlife and nature around you and how identified (sight/sound/shape/smell/color). Feathers/leaf/flower pressings must be securely attached, if included. Photos of drawing of observations encouraged. Exhibits measure no larger than 16x16”.

***D-341-003.** 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.

***D-341-004.** 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.

***D-341-005.** 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.

Outdoor Adventures - Level 3 - Backpacking Expeditions

***D-341-006.** Poster - 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.

***D-341-007.** 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 16x16”.

***D-341-008.** 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.

***D-341-009.** 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.

***D-341-010.** 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 18x24”

ENTOMOLOGY - one entry per class number.

- 1) Entomology exhibits give 4-H'ers the opportunity to demonstrate their knowledge about insects and insect displays. This category has multiple projects that allows 4-H'ers to progress over numerous years.
- 2) 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 12x18 w, and landscape orientation, so they fit in display racks. Purchase of commercially made boxes is allowed. All specimens are to be pinned and labeled by the exhibitor. No purchased specimens allowed.

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

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

***H-800-001.** First year project display consists of a collection of 25 or more different kinds (species) of insects representing at least 6 orders. Limit 1 box

H-800-009. Killing jar without killing liquid (follow directions in manual)

H-800-010. Relaxing jar (follow directions in manual)

H-800-011. Spreading board (follow directions in manual)

- H-800-012.** Collecting net (follow directions in manual)
H-800-013. Sweep net (following instructions in manual)
H-800-014. Scrapbook of insect stories, pictures, and news items.
H-800-015. Insect rearing cage.

Only one entry per class number

***H-800-002.** Second year project display consists 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.

PREMIUM: Purple \$4.00; Blue \$3.00; Red \$2.00; White \$1.00

- *H-800-003.** Third year or more project display consists 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 3 boxes.
- *H-800-004.** Special Interest or Advanced Insect Display-Educational display developed according to personal interests and/or advanced identification capability. This also is 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.).
- *H-800-005.** Insect Habitats- Habitats consist of any hand-crafted objects, made of natural or artificial materials, placed outdoors, which promote or conserve insects in the environment. Insects may include bee pollinators, butterflies, beneficial insects, etc. A one-page report describing activities must accompany the exhibit. Report should include placement, target insect, why materials were chosen, functional design, and indicators of success. See the following resources for reports: Nebraska Extension NebGuide: Creating a Solitary Bee Hotel (G2256); University of Minnesota: Wild Bees and Building Wild Bee Houses; National Wildlife Federation: How to Provide Water in Monarch Gardens
- *H-800-006.** Macro Photography- Subjects should be insects, spiders or other arthropods, or any nests, webs, or constructions they make. All exhibit prints should be either 8x10" or 8x11" and mounted on rigid, black 11x14" poster or mat board. Either orientation is acceptable. No frames or mat board framing is allowed. A caption of a few sentences to explain the subject and be printed on white paper and glued below the print on the poster or board.
- *H-800-007.** Insect Poster/Display Exhibits-Exhibits can be posters or 3D displays, artistic creativity is encouraged. Posters should be no larger than 22"x28 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. 3D displays, such as dioramas, sculptures, models, or decorative boxes should have a page of explanatory information accompanying them and fit within a 22x28" area.
- *H-800-008.** Reports or Journals 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.

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

- 1) The official reference for all forestry projects is the Tree Identification Manual is available from the Merrick County Extension Office. Other helpful forestry references include Trees of Nebraska, Leafing Out and Plant a Tree.
- 2) Display "boards" must be made from wood or wood composite, e.g. plywood, fiberboard, or masonite, ¼" to ½" thick and no larger than 24x24". 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, (foam board or poster board) that will stand upright without buckling, and no larger than 24x24"
- 4) Display "books" must measure no more than 16x16".
- 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-H332. 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.
Learn to use a dichotomous key to classify trees; Identify common Nebraska trees

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

***D-320-001.** 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 24x24x24". 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.

***D-320-002.** 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.

- 1) 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.
- 2) 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.
- 3) 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.
- 4) Supplemental information, e.g. general uses, common products, fall color, etc., may be included to enhance educational value.

***D-320-003.** Twig Display - The twig display must include samples from at least 10 different tree species. The display must include at least two samples opposite and alternate leaf arrangements from broadleaf trees.

- 1) 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.
- 2) Twigs must be mounted on a display board. Any method, e.g. wire, glue, tape, staples, plastic bags 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.
- 3) 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)
- 4) Supplemental information, e.g. general uses, tree characteristics, etc., may be included to enhance educational value.

***D-320-004.** Seed Display - The seed display must include seed samples from at least 10 different tree species.

- 1) 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 honeylocust is enclosed in a pod. Remove and display the seed, not just the pod itself. It is acceptable to display the fruit with the seed, but clearly label each. All collection must be done by the exhibitor.
- 2) 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.
- 3) 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)
- 4) Supplemental information, e.g. maturity date, average number of seed in the fruit, etc., may be included to enhance educational value.

***D-320-005.** Wood Display - The wood display must include wood samples from at least 10 different tree species.

- 1) 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 4x4x4". Cut surfaces should be sanded to show the grain. Treating samples with a clear finish (no stain) is optional. Collection must be done by the exhibitor.
- 2) 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.
- 3) 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)
- 4) Supplemental information, e.g. common products, density, etc., may also be included with the display to enhance its educational value.

***D-320-006.** Cross-Section - a disc cut from a tree species listed in 4H 332. The sample must be collected, by the exhibitor, within one year of the judging day. The disc must measure 6" to 12" in diameter and 1" to 3" 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.

- 1) 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

- 2) 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)
- *D-320-007.** Parts of a tree - This project is only for ages 8-11- Prepare a poster, no larger than 24"x24" that clearly identifies the main external parts of a tree (Trunk, Crown, Roots, Leaves, Flowers, Fruit, Buds, Bark). Identifying other internal parts, e.g. phloem, xylem, cambium, annual ring, pith, etc., is optional. Attach a separate label on the back of the poster that includes the exhibitor's name and age.
- *D-320-008.** 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. The display container must contain at least 8 inches of soil (potting mix or suitable natural soil), have a drainage hole(s), and a drain pan to catch drainage water.
- 1) 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
 - 2) 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.
- *D-320-009.** 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 24x22x28". Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 22x28" 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.
- 1) 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.
 - 2) 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.
 - 3) Personal interviews with industry professionals are encouraged as a source of information.
- *D-320-010.** 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 24x24x24". 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 24x24".
- 1) 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.
 - 2) Include common and scientific names of trees and pests.
 - 3) 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.
 - 4) Attach a separate label on the back of the display that includes the exhibitor's name and age.
- *D-320-011.** Wildfire Prevention Poster - Prepare a poster, no larger than 24x24" 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.
- 1) 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
- *D-320-012.** Sustainable Landscape Diorama - Box must be no larger than 24x24". 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.
- 1) 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.
 - 2) 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.
- *D-320-013.** 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 24x24x24". Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 24x24". The tree must have been planted 60 days to 1 year before judging day. Students must obtain permission from necessary authorities and property owners before planting any trees.
- 1) 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)
 - 2) 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.

PLANT SCIENCE

Superintendent Bailey Jefferson

HORTICULTURE

- 1) The purpose of Horticulture is to encourage participants to start and maintain vegetable gardens. In addition, 4-H'ers can participate in planting, growing, and caring for flowers. There is also a special gardening project in this category that 4-H'ers can participate in.
- 2) The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing. In classes 252, 255, 268, 269, 285 and 286 do not duplicate entries from any other classes. 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.

4-Her Name: Joe Exhibitor	4-H Age: 10
Class #: G-773-201 Lima Bean	
Variety name: King of the Garden Pole Lima Bean	Cultivar: Phaseolus vulgaris

- 3) Only fresh vegetables and fruits grown during the current season will be accepted for exhibit. NO CANNED OR DRIED VEGETABLES OR FRUITS WILL BE ACCEPTED (with the exception of dry beans).

Grow foliage and bulb plants indoors; Learn what houseplants need to stay healthy; Learn about growing healthy plants; Grow flowers from seeds; Learn about caring for flowers; Plant, grow, and care for annual flowers; Grow foliage and bulb plants indoors; Learn what houseplants need to stay healthy; Choose a garden site; Plan a garden; Grow vegetables; Select and purchase garden supplies; Grow transplants; Plan and plant a garden; Find out how seeds germinate; Learn what different plant parts do; Harvest and use your vegetables; Transplant plants into your garden; Grow plants from plant parts; Feed your garden; Earn money by growing vegetables; Learn about succession planting; Grow an herb garden; Find out about photosynthesis; Identify pest damage; Use intercrop and double crop planting methods; Plant a computer-planned garden; Identify plant diseases; Learn about plant scientists

INDIVIDUAL GARDEN VEGETABLES AND FRUITS

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

<u>Class</u>	<u>Vegetable</u>	<u># to exhibit</u>	<u>Class</u>	<u>Vegetable</u>	<u># to exhibit</u>
<u>*G-773-201.</u>	Lima Beans	12	<u>*G-773-202.</u>	Snap Beans	12
<u>*G-773-203.</u>	Wax Beans	12	<u>*G-773-204.</u>	Beets	5
<u>*G-773-205.</u>	Broccoli	2	<u>*G-773-206.</u>	Brussels Sprouts	12
<u>*G-773-207.</u>	Green Cabbage	2	<u>*G-773-208.</u>	Red Cabbage	2
<u>*G-773-209.</u>	Carrots	5	<u>*G-773-210.</u>	Cauliflower	2
<u>*G-773-211.</u>	Slicing Cucumbers	2	<u>*G-773-212.</u>	Pickling Cucumbers	5
<u>*G-773-213.</u>	Eggplant	2	<u>*G-773-214.</u>	Kohlrabi	5
<u>*G-773-215.</u>	Muskmelon/Cantaloupe	2	<u>*G-773-216.</u>	Okra	5
<u>*G-773-217.</u>	Yellow Onions	5	<u>*G-773-218.</u>	Red Onions	5
<u>*G-773-219.</u>	White Onions	5	<u>*G-773-220.</u>	Parsnips	5
<u>*G-773-221.</u>	Bell Peppers	5	<u>*G-773-222.</u>	Sweet (Non-Bell) Peppers	5
<u>*G-773-223.</u>	Jalapeño Peppers	5	<u>*G-773-224.</u>	Hot (Non-Jalapeño) Peppers	5
<u>*G-773-225.</u>	White Potatoes	5	<u>*G-773-226.</u>	Red Potatoes	5
<u>*G-773-227.</u>	Russet Potatoes	5	<u>*G-773-228.</u>	Other Potatoes	5
<u>*G-773-229.</u>	Pumpkin	2	<u>*G-773-230.</u>	Miniature Pumpkins(Jack Be Little type)	5
<u>*G-773-231.</u>	Radish	5	<u>*G-773-232.</u>	Rhubarb	5
<u>*G-773-233.</u>	Rutabaga	2	<u>*G-773-234.</u>	Green Summer Squash	2
<u>*G-773-235.</u>	Yellow Summer Squash	2	<u>*G-773-236.</u>	White Summer Squash	2
<u>*G-773-237.</u>	Acorn Squash	2	<u>*G-773-238.</u>	Butternut Squash	2
<u>*G-773-239.</u>	Buttercup Squash	2	<u>*G-773-240.</u>	Other Winter Squash	2
<u>*G-773-241.</u>	Sweet Corn (in husks)	5	<u>*G-773-242.</u>	Swiss Chard	5
<u>*G-773-243.</u>	Red Tomatoes (2"+ diameter)	5	<u>*G-773-244.</u>	Roma or Sauce-type Tomatoes	5
<u>*G-773-245.</u>	Salad Tomatoes (under 2" dia.)	12	<u>*G-773-246.</u>	Yellow Tomatoes (2"+ diameter)	5
<u>*G-773-247.</u>	Turnips	5	<u>*G-773-248.</u>	Watermelon	2
<u>*G-773-249.</u>	Dry Edible Beans	1 pint	<u>*G-773-250.</u>	Gourds, mixed types	5
<u>*G-773-251.</u>	Gourds, single variety	5			
<u>*G-773-252.</u>	Any other vegetable 2, 5 or 12 (do not duplicate entries in classes 201-251) that doesn't fit in any other class.				

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

*G-773-255. 4-H Vegetable Garden Collection of Five (5) kinds of vegetables. Display Garden Collection in a box not more than 24" in any dimension. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified in individual classes.

***G-773-256.** 4-H Cultivar Vegetable Collection - vegetables entered in the collection are 5 cultivars from a single exhibit; for example 5 cultivars of all types of peppers, squash, onions, tomatoes, etc. Display in a box not more than 24" in any dimension. Showmanship will be considered in judging; but plastic grass, cotton figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class.

HERBS AND FRUITS- one entry per class number.

- 1) Herbs (Classes 60-69) Herbs will be judged using the same general criteria used for vegetables. Those grown mainly for their seed, such as dill and caraway, should be exhibited on a plate. Those grown for their leaves such as basil, parsley, etc. should be exhibited in a CLEAR GLASS CONTAINER of water. NO SCREW ON LIDS OR SCREW ON RINGS AND FLATS MAY BE USED. To hold herb leaves in place it is suggested to use tin foil or a type of plastic wrap with holes poked into it or frog lids. Potted herb plants will be disqualified and will not be judged.
- 2) 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.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

<u>Class</u>	<u>Herb</u>	<u># to Exhibit</u>	<u>Class</u>	<u>Herb</u>	<u># to Exhibit</u>
*G-773-260.	Basil	5	*G-773-261.	Dill (dry)	5
*G-773-262.	Garlic (bulbs)	5	*G-773-263.	Mint	5
*G-773-264.	Oregano	5	*G-773-265.	Parsley	5
*G-773-266.	Sage	5	*G-773-267.	Thyme	5
*G-773-268.	Any other herb 5 (do not duplicate entries in classes 260-267)				

***G-773-269.** 4-H Herb Garden Display of 5 different herbs. Displayed in a box or other holder not more than 18" in any dimension. 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.

<u>Class</u>	<u>Fruit</u>	<u># to Exhibit</u>	<u>Class</u>	<u>Fruit</u>	<u># to Exhibit</u>
*G-773-280.	Strawberries (everbearers)	1 pint	*G-773-281.	Grapes	2 bunches
*G-773-282.	Apples	5	*G-773-283.	Pears	5
*G-773-284.	Wild Plums	1 pint			

***G-773-285.** Other small fruit or berries, 1 pint (do not duplicate entries in classes 280-284)

***G-773-286.** Other fruits OR nuts, 5 (do not duplicate entries in classes 280-284)

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

EDUCATIONAL EXHIBITS- one entry per class number.

***G-773-290.** Garden Promotion Poster - individual poster promoting vegetable or herb gardening, size 14x22" 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. The 4-H member's name, age, county, and years in the project(s) must be on the back of the poster.

***G-773-291.** Educational Vegetable or Herb Garden Poster - prepare a poster no larger than 14x22x2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4-Her has done or learned about in a 4-H vegetable gardening project. One might show a special technique used or equipment incorporated in your garden (e.g. drip irrigation system, composting, or special techniques learned) Refer to 4-H horticulture project manuals, but use your own creativity. The 4-H member's name, age, county, and years in the project(s) must be on the back.

***G-773-292.** Vegetable and/or Herb Gardening History Interview - 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 (flower and/or vegetables) if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, county, and years in the project(s) must be on the back of the report.

***G-773-293.** Vegetable Seed Display - 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 22x24". Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where several examples of beans may be shown. Attach a card to the back of the display explaining why and how it is important to know which vegetables are related, and site references on where the scientific name information was found. The 4-H members name must be on the back of the display.

***G-773-294.** World of Vegetables Notebook - 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 handwritten 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 small 3-ring notebook. The 4-Hers name must be on the back.

FLORICULTURE

- 1) Youth must be enrolled in World of Flowers and/or Annual Flowers projects to exhibit. Entries must be the work of the 4-H member.
- 2) The cultivar or variety name must be included on all entry cards. If potted container with several cultivar or varieties identify each individually within the pot. Failure to identify the cultivar or variety will drop the entry one ribbon placing. **Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel.**

4-Her Name: Jane Exhibitor	4-H Age: 12
Class #: G-770-40 Rose	
Variety name: Hybrid Tea Rose-Amber Queen	Cultivar: Rosa

- 3) Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing. A perennial is defined as a plant of which the crown over winters. 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 over winters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.
- 4) 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 and of adequate size to display blooms. Any exhibit not in a clear glass container will be dropped one ribbon placing. NO SCREW ON LIDS OR SCREW ON RINGS AND FLATS MAY BE USED. To hold flowers in place it is suggested to use tin foil or a type of plastic wrap with holes poked into it or frog lids.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

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

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|---|---|--|
| * G-770-001. Aster | * G-770-002. Bachelor Buttons | * G-770-003. Bells of Ireland |
| * G-770-004. Browallia | * G-770-005. Calendula | * G-770-006. Celosia (crested or plume) (3 stems) |
| * G-770-007. Cosmos | * G-770-008. Dahlia | * G-770-009. Dianthus |
| * G-770-010. Foxglove | * G-770-011. Gladiolus (3 stems) | * G-770-012. Gomphrena |
| * G-770-013. Hollyhock (3 stems) | * G-770-014. Marigold | * G-770-015. Pansy |
| * G-770-016. Petunia | * G-770-017. Salvia | * G-770-018. Snapdragon |
| * G-770-019. Stature | * G-770-020. Sunflower (under 3" diameter -5 stems, 3" or more in diameter -3 stems) | |
| * G-770-021. Vinca | * G-770-022. Zinnia | |
| * G-770-023. Any other annual or biennial (under 3" diameter -5 stems, 3" or more in diameter -3 stems) (do not duplicate entries in 1-22) | | |

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

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|--|-----------------------------------|--------------------------------------|
| * G-770-030. Achillea/Yarrow | * G-770-031. Chrysanthemum | * G-770-032. Coneflower |
| * G-770-033. Coreopsis | * G-770-034. Daisy | * G-770-035. Gaillardia |
| * G-770-036. Helianthus | * G-770-037. Hydrangea | * G-770-038. Liatris(3 stems) |
| * G-770-039. Lilies (3 stems) (Not Daylilies) | * G-770-040. Platycodon | * G-770-041. Rose (3 stems) |
| * G-770-042. Rudbeckia/Black-eyed Susan | * G-770-043. Sedum | * G-770-044. Stature |
| * G-770-045. Any other perennial (under 3" diameter -5 stems, 3" or more in diameter -3 stems) (do not duplicate entries in classes 30-44) | | |
| * G-770-046. 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. Do not duplicate entries in classes 1-45 with any in the group collection. | | |

EDUCATIONAL EXHIBITS- one entry per class number.

- ***G-770-050.** Flower Notebook - 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. The notebook must be the result of the current year's work. Four-H'ers may show more than one cultivar of the same species, but they will only count as one species. Pictures from garden catalogs, hand drawn pictures, or photographs may be used. Each species/cultivar must be labeled with the correct common name, 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. Bulbs may be included in a separate section. 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-Hers name must be on the back of the notebook.
- ***G-770-051.** Flower Garden Promotion Poster - Individual poster promoting flower gardening, size 14x22" either vertical or horizontal arrangement. Poster may be any medium: watercolor, ink, crayon, etc. as long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. The 4-H member's name must be on the back of the poster.
- ***G-770-052.** Educational Flower Garden Poster - prepare a poster no larger than 14x22x2" (3-D if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in 4-H flowers or houseplant project. One might show a special technique used or equipment incorporated in the garden. Refer to 4-H horticulture project manuals but use your own creativity. The 4-H member's name must be on the back.
- ***G-770-053.** Flower Gardening History Interview - 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 must be on the back of the report.

HOUSEPLANTS- one entry per class number.

- 1) Container Grown Houseplants: The choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container. Identify each plant individually if more than one cultivar or variety. Houseplants should be grown in the display container for a minimum of six weeks. Plants grown as houseplants must be used. NebGuide G2205 "Guide to Growing Houseplants" and NebGuide G837 "Guide to Selecting Houseplants" includes a listing of common houseplants. Containers of annual flowers or annual plants (i.e. petunias, geraniums, impatiens) will be disqualified and will not be judged.
- 2) Entries in Classes 60-66 must have been designed and planted by the 4-H member.
- 3) Any container plant, (flowering or foliage potted houseplants, dish gardens, fairy or miniature gardens, desert gardens, or terrariums) shall be in containers no larger than 12 inches (use inside opening measurement) in any dimension of length or width. No combination of pots may be used. All potted plants are to be in a one pot container. Any container grown plant in Classes 60-66 that is does not follow these guidelines will be dropped one ribbon placing.
- 4) Classes 60-65 exhibitors must have and provide a saucer to catch drainage water. The 4-H members name, age, county, and years in the project(s) must be on the bottom or back of the container and saucer.

***G-770-060.** Flowering potted houseplant(s) that are blooming for exhibition. Container may have one or more houseplants, but a label name for each plant. Non-blooming plants will be disqualified.

***G-770-061.** Foliage potted houseplant(s) one variety of tropical or cacti or succulent plant.

***G-770-062.** Hanging basket of flowering and/or foliage houseplants. Container may have one or more houseplants in container. Label name for each plant.

***G-770-063.** Dish Garden - an open/shallow container featuring a variety of plant material excluding cacti and succulents. Label name for each plant.

***G-770-064.** 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. Label name for each plant.

***G-770-065.** Desert Garden - an open/shallow container featuring cacti and/or succulents grown as houseplants. Label name for each plant.

***G-770-066.** Terrariums - transparent container, partially or completely enclosed, sealed or unsealed. Label name for each plant.

SPECIAL GARDEN PROJECT- Youth must be enrolled in the current years Special Garden Project to exhibit. Fresh cut flowers or harvested vegetables should be entered in the appropriate class listed above. *The Special Gardening Project is changed annually. Check with the Extension office for more information.*

PREMIUM: Purple \$2.50; Blue \$1.75; Red \$1.50; White \$1.25

***G-775-001.** Special Garden Project - Educational exhibit based on what was learned from the project. Present information on a poster 14x22" 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.

G-775-002. Special Garden Project Fresh Cut Flowers or Harvested Vegetables-The current years' Special Garden Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 001-045 for quantity to exhibit if special garden project is a fresh cut flower. Refer to classes 201-252 for quantity to exhibit if special garden project is a vegetable. Flowers and herbs must be cut, not potted.

LANDSCAPE: GROW A BEAUTIFUL SPACE- Projects for youth enrolled in the **Landscape Professionals & Design Principles Unit 1, Landscape Plants & Materials Unit 2 and Landscape Graphics & the Design Process Unit 3.**

PREMIUM: Purple \$2.50; Blue \$1.75; Red \$1.50; White \$1.25

G-777-401. Grow a Beautiful Space Unit 1 Portfolio Notebook - Create and complete 'Landscape Professionals & Design Principles' Unit 1 Portfolio. Present portfolio information in a three-ring binder. Give proper credit by listing the sources of photographs/images and information used. The 4-H member's name must be on the back of the notebook.

G-777-402. Establish Landscape Analysis Poster - Take multiple photographs of a landscape that has been established for 10 or more years. Critique the landscape based on each of the design principles (order, unity, rhythm, balance, scale or proportion, and emphasis). Describe the spatial definition of the landscape and what different areas of the landscape "feel like". Include photos taken to support your critique. Describe what changes need to be made in the landscape to improve its characteristics and sense of space. Display on a poster mat board no larger than 22x28". The 4-H member's name must be on the back of the poster.

G-777-403. Grow a Beautiful Space Unit 2 Portfolio Notebook - Create and complete 'Landscape Plants & Materials' Unit 2 Portfolio, 4H6120P. Present portfolio information in a three-ring binder. Give proper credit by listing the sources of photographs/images and information used. The 4-H member's name must be on the back of the notebook.

G-777-404. Landscape Renovation Poster - Take multiple photographs of a landscape that doesn't quite look right because it doesn't reflect sound design principles. Select a landscape in which you can make at least three design recommendations. Identify how the design principles (order, unity, rhythm, balance, scale or proportion, and emphasis) could be better integrated into the landscape, and how plants or materials with specific features (size, form, color, or texture) could improve the space. Reduce the opaqueness of the images to 50-60 percent and sketch plants, structures, materials, and/or amenities that could improve the overall design over the original images. The poster should include the original image(s) and improved image(s) and include a short explanation of how the landscape design was improved. Display on a poster mat.

G-777-405. Estimating Dreams Poster-Select a dream landscape as if money is not a consideration. Develop a plan drawing of the landscape. Draw landscape to scale. Identify the types of plants, structures, and amenities used in the landscape. Research the cost of the plants and amenities and the installation. Include the general cost of grading (if needed) and labor that could be associated with

installation. Create a list, noting the plants that are included in the space. The quantities of plants and the structures, materials, or amenities and their cost should be included. Calculate the final total estimate. The poster should include the scale drawing of the landscape, identification of plants, structures and amenities, and cost and labor. Display on a poster mat board no larger than 22x28". The 4-H member's name must be on the back of the poster.

G-777-406. Site Inventory & Analysis Poster-Make an unscaled drawing of the landscape you inventoried and analyzed. Develop two drawings: a site inventory and a site analysis. The site inventory and site analysis should be communicated through a combination of written notes, graphics symbols and photographs. Display on a poster mat board no larger than 22x28". The 4-H member's name must be on the back of the poster.

G-777-407. Community Landscape Poster-Identify a local community space (park, nursing home, school, county fairgrounds, etc.) that needs some landscape improvements. Work through the design process and develop a detailed plan of your improvements to the space. The plan should include design principles, functional and aesthetic factors, list of plants and materials and their costs, budget for materials, labor you have available for the project, and a timeline. Take photographs of the area and draw over the photos to illustrate your final ideas. Include photographs of the finished landscape if project ideas were carried out. Display on a poster mat board no larger than 22x28". The 4-Her's name must be on the back.

G-777-408. Renovate the Outdoors Portfolio-Select a space that you would like to redesign. The space can be at your home, a family member's or friend's house, or somewhere in your community. Develop a scaled base map of the site and locate the existing plants and structures in the landscape. Take photographs of the landscape. Evaluate the physical properties of the site and conduct an interview with the people who live there or use the space. Think about how you would change the space and develop a plan that would implement design elements into the space. Create different drawings that will move you through the design process. You will draw concept diagrams, form compositions, preliminary drawings, and the final design. Once the final design drawing is complete, use overlays on the original photographs to show how the landscape will look compared to how it looked in the photo you originally took of the landscape. Place photographs, interview notes, concept and program statements and drawings in a portfolio. The 4-H member's name must be on the back of the portfolio.

RANGE- one entry per class number.

- 1) The purpose of this category is to help 4-H'ers identify and collect range plants. Participants will learn basics of range management, and Nebraska's range. Through creation of range boards 4-H'ers will become more proficient in knowledge of Nebraska's range.
- 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, shrub and grass-like plants) can be found in the Range Judging Handbook & Contest Guide(EC150), Common Grasses of Nebraska(EC170) and Common Forbs & Shrubs of Nebraska(EC118).
- 4) The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability, and environmental protection. For guidelines on specific projects, refer to appropriate project manuals.
- 5) For books, plants must be mounted on sheets that are no larger than 14x14". Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue. Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness, and conformation to project requirements. Each completed mount must have the following information in the lower right-hand 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 order that plants were collected in your personal collection. 7) Other information, depending on class selected, i.e., value and importance, lifespan, growth season, origin, major types of range plants. This information should be typed or printed neatly.
- 6) Displays- 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 28x28" 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.
- 7) Boards- Boards should be no larger than 30x36" or if hinged in the middle a maximum of 60x36". Boards should be adequately labeled.

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

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00, White \$.50

RANGE MANAGEMENT- one entry per class number.

***D-330-001.** 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 page 42. Plants can consist of any combination of grasses, grass like plants, forbs, or shrubs. Assemble plant mounts in order of high, medium, and low value and importance. Label each plant mount with its value and importance classifications for each of the three areas; Livestock Forage, Wildlife Habitat, Wildlife Food.

***D-330-002.** Life Span Book - collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses and forbs.

***D-330-003.** Growth Season Book - a collection including 6 cool season grass mounts and 6 warm season grass mounts.

***D-330-004.** 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.

***D-330-005.** Major Types of Range Plants Book - a collection of plant mounts of 3 grasses; 3 forbs; 3 grass-like; and 3 shrubs.

- *D-330-006.** 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.
- *D-330-007.** 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 the poster.
- *D-330-008.** Special Study Board - a display of the results of a clipping study, a degree of use study or a 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.
- *D-330-009.** Jr. Rancher Board - exhibit includes the ranch map with 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.

AGRONOMY- one entry per class number.

- 1) 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.
- 2) For guidelines on specific projects, refer to appropriate project manuals.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

FIELD CROPS - one entry per class number.

GRAIN OR PLANT EXHIBITS-

- 1) A completed Crop Production Worksheet available at <https://cropwatch.unl.edu/Youth/Documents/Crop%20Production%20Project%20Worksheet%20Final.pdf> must accompany grain and plant exhibits or it will automatically be deducted one ribbon placing. The worksheet must include the exhibitor's name, 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.
- 2) The worksheet also must include an economic analysis of the project listing individual expenses and income, on a per acre basis. Other topics to discuss are the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season, and what you learned from your crops project. The worksheet counts as 50% of the total when judged.
- 3) Worksheet must be the original work of the individual exhibitor or it will be deducted one ribbon placing.
- 4) 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. Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (e.g. corn or soybeans) may be from the previous year's project and brought in an appropriate sized box/container for display. **NEW:** Place in a clear container so it can be viewed and displayed.
- 5) Plant exhibits with the exception of ears of corn, must be the result of the current years 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- 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 28x28" on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitors 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.

***G-750-001.** Corn (includes yellow, white, pop, waxy, or any other type)

***G-750-002.** Soybeans

***G-750-003.** Oats

***G-750-004.** Wheat

***G-750-005.** Any other crop (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)

***G-750-006.** 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.

***G-750-007.** Crop Technology Display – Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.

***G-750-008.** 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 bio-diesel, pet bedding, crayons, oil, etc.) This should not be about the process of crop production but focus on an end product(s).

***G-750-009.** 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.

***G-750-010.** Career Interview Display – The purpose of this class is to allow youth to investigate a career in agronomy. Youth should interview one person that works with crops about such topics as, what parts of their job do they enjoy or dislike, why did they choose that career, what was their education, etc. Include a picture of the person interviewed.

Special Agronomy Project - Youth experience a crop that is grown, was grown or has the potential to be grown in Nebraska by growing it, researching traits of that crop and determine viability of that crop in the part of the state they live. **The crop of the year for 2024 is Sugar Beets.**

- 1) Each year seeds will be mailed to extension offices or ag ed classrooms across the state, as ordered by that location. Offices will distribute to youth on a first, come – first serve basis. A different seed will be selected every year.
- 2) Youth will grow seeds in their garden or pots. Written resources materials will be available for youth, in addition to virtual, live or recorded videos/field trips.

Supporting documentation (½ to 1-page in length) should include the following:

- 1) Economic Analysis and/or research that supports feasibility of this crop in Nebraska or how the crop has evolved over time.
- 2) 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.
- 3) 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.

***G-750-011** - Special Agronomy Project - Educational Exhibit- Educational exhibit based on what was learned from the project. Present information on a poster 14x22” either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member’s name, age, and county must be on the back of the poster or report cover. 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.

***G-750-012**- 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.

***G-750-013** - 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.

WEED SCIENCE- one entry per class number.

- 1) Any individual in the Conservation, Environment 1, 2 or 3, Range, Reading the Range 1, Nebraska Range 2, or Crop Production, Field Crops project may exhibit a weed book or weed display. At least 15 of the specimens must represent this year's work. For assistance identifying plants, participants can use the Nebraska Department of Agriculture’s Weeds of Nebraska and the Great Plains or Weeds of the Great Plains.

Books

- 1) Plants must be mounted on sheets that are no larger than 14x14”. 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.
- 2) Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements
- 3) Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet: Scientific name (in italic or underlined), with authority, Common name, County of collection, Collection date, Collector’s name, Personal collection number, indicating the order that plants were collected in your personal collection, Other information depending on class selected, i.e., noxious, life form. This information should be typed or printed neatly.

Displays

- 1) The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28x28” on plywood or poster board. The display should be neatly titled.
- 2) Make sure to label display with exhibitor’s name, address, and county on back side. Explain pictures and graphs clearly and concisely.
- 3) 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.

***G-751-001.** 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, plumeless thistle, salt cedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed or phragmites) and at least five weeds that are a problem primarily in lawns.

***G-751-002.** Life Span Book - A collection of 7 perennial, 1 biennial and 7 annual weeds.

***G-751-003.** 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 weeds.

SAFETY

Superintendent Nikki Ferraro

In this category 4-H'ers have the opportunity to create exhibits about all-terrain vehicles, fire, and tractor safety. Participants can also create informational exhibits about basic safety strategies. 4-H'ers will be better educated about personal safety and have the knowledge base to educate others about safety.

Learn how to report an emergency; Learn basic first aid; Find out how to stock a first aid kit; Discover strategies for safety at home and away; Design a poster about fire safety; Learn to develop fire escape plans; Find out how to use ATV's safely; Learn about trouble-shooting and emergency procedures; Find out about hazards of the trail; Learn how to dress appropriately when riding; Learn to operate a tractor safely; Understand tractor controls and safety checks

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

SAFETY- one entry per class number.

***E-440-001.** First Aid Kit - A first aid kit is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for the kit's intended use. A description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Items should cover the following areas: airway and breathing, bleeding control, burn treatment, infectious disease protection, fracture care and miscellaneous supplies. Use Citizen Safety Manual, 4-H 425, pages 6 & 7 for guidance. 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 the 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 & year only are considered expired on the last day of that month.) 3) Any controlled substance.

***E-440-002.** Disaster Kit - (emergency preparedness) A disaster kit 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.

***E-440-003.** Safety Scrapbook - 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 measures that might have prevented it. Scrapbook should be bound in a standard size hard-cover binder or notebook for 8½x11" paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

***E-440-004.** Safety Experience - 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.

***E-440-005.** Careers in Safety - The exhibit should identify a specific career area in the safety field and include education and certification requirements for available positions, salary information, demand for the field and a summary of the youth's interest in the field. Examples of careers include firefighters, paramedics, emergency management personnel, some military assignments, law enforcement officers, emergency room medical personnel, fire investigator and more. It is recommended youth interview a professional in the field in their research. Additional research sources might include books, articles, career websites, job-related government 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

***E-450-001.** Fire Safety Poster - 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 11x14" but not larger than 22x28".

***E-450-002.** Fire Safety Scrapbook - 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 8½x11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

***E-450-003.** Fire Prevention Poster - 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 (Christmas, 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 11x14" but not larger than 22x28".

FOOD & NUTRITION

Superintendent Angela Blomstedt

The purpose of Food & Nutrition exhibits is to encourage the knowledge about healthy eating and safe cooking practices. This category has multiple projects that allow 4-H'ers to progress over numerous years. In addition, 4-H'ers will learn different types of cooking methods to improve their knowledge of cuisine.

Eligibility requirements for Exhibitors: An exhibitor must be a 4-H member enrolled in the project they are exhibiting.

- 1) 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 recipe at the corner of the bag. Additional information including recipes and supplemental information should be identified with 4-H'ers name and county.
- 2) Make sure to follow all entry instructions required for your exhibit. Incomplete exhibits will be lowered a ribbon placing. Commercially prepared mixes are ONLY allowed in Cooking 201 Creative Mix Class. Prepared baking mixes, biscuit mixes, and other pre-made mixes entered in other categories will be lowered a ribbon placing.
- 3) Exhibits should be entered using a disposable pan or plate and covered by a plastic self-sealing bag.
- 4) Any ingredient that the 4-H'er uses must be able to be purchased by the 4-H'er. Ingredients such as beer, whiskey, rum, etc. may NOT be used in any recipe file or food exhibit. Exhibits that include alcohol will be disqualified.
- 5) 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:
 - a) Egg or cream fillings and cream cheese frostings
 - b) Any meat item including meat jerky, imitation meat bits (bacon bits, pepperoni, etc)
 - c) Melted cheese on top of food exhibit (cheese mixed into baked goods is considered safe and will be accepted).
 - d) Uncooked fruit toppings (i.e., fresh fruit tart).

DECORATED FOOD ITEMS- one entry per class number.

- 1) Any individual enrolled in a foods project may exhibit in this area.
- 2) Decorated cakes and decorated gingerbread houses are considered as two different kinds of entries. If a 4-Her is exhibiting a gingerbread house for the first time, it is entered in the beginning division (one year of gingerbread house) regardless of any previous cake decorating experience. All decorated items should be placed on a base 15x15" or smaller, unless otherwise indicated. Cakes may be flat, cut up or layer types.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

Beginning Division:

E-400-001. Graham Cracker Gingerbread House (first year) to be made and exhibited prior to exhibiting Decorated Gingerbread House. Base-10x10" or smaller.

E-400-002. Decorated Gingerbread House- must be made of gingerbread with edible items and parts and on a base (cardboard, tray, etc.)

E-400-003. Decorated Cake or a plate of 4 Cupcakes - (candy may be used as part of the decoration)

E-400-004. Decorated Box, Bowl, Block, etc. (candy may be used as part of the decoration)

E-400-005. Any Other Decorated Food Item

Advanced Division

E-400-006. Decorated Gingerbread House- must be made of gingerbread with edible items and parts on a base (cardboard, tray, etc.)

E-400-007. Decorated Cake or a plate of 4 Cupcakes

E-400-008. Decorated Box, Bowl, Block, etc.

E-400-009. Any Other Decorated Food Item

GENERAL FOODS

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

***E-350-001.** Food Science Explorations - Show the connection between food and science as it relates to food preparation, food safety, food preservation or food production. Exhibit may be a poster or foam core board (not to exceed 22x30"), 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.

***E-350-002.** Foods and Nutrition Poster, Scrapbook, or Photo Display - 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 reports to highlight the concept. Exhibit may be a poster or foam core board (not to exceed 22x30"), 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.

***E-350-003.** Physical Activity and Health Poster, Scrapbook, or Photo Display - 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 reports to highlight the concept. Exhibit may be a poster or foam core board (not to exceed 22x30"), 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.

***E-350-004.** Cooking Basics Recipe File - 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 2020. Exhibits that include recipes with alcohol (wine, beer, rum, etc.) will be disqualified.

COOKING 101- one entry per class number. Include recipe with exhibit.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

E-401-901. Cookies (any recipe, 4 on a paper plate)

E-401-902. Muffins (any recipe, 4 on a paper plate)

E-401-903. No Bake Cookies (any recipe, 4 on a paper plate)

E-401-904. Cereal Bar Cookie (any cereal based recipe made in pan and cut into bars or squares for serving.)

E-401-905. Granola Bar (any recipe, 4 on a paper plate)

E-401-906. Brownies (any recipe, 4 on a paper plate)

E-401-907. Snack Mix (any recipe, at least 1 cup in self-sealing plastic bag)

COOKING 201- one entry per class number. Include recipe with exhibit.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***E-410-001.** Loaf Quick Bread (any recipe) - at least 3/4 of a standard loaf displayed on a paper plate. Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. A standard quick bread loaf measures approximately 8½"x4½" or 9"x5". If mini-loaf pans are used for exhibit, two loaves must be presented for judging.

***E-410-002.** Creative Mixes - any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked item made from a mix (commercial or homemade mixes acceptable). Food product must have been modified to make a new or different baked item. Examples include poppyseed quick bread from a cake mix, cake mix cookies, sweet rolls made from ready-made 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?

***E-410-003.** Biscuits or Scones- 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.

***E-410-004.** Healthy Baked Product- any recipe, at least 3/4 of baked product or 4 muffins/cookies on a paper plate. May be baked 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.).

***E-410-005.** Coffeecake- any recipe or shape, non-yeast product -at least 3/4 of baked product on a paper plate or in a disposable pan. **Include menu for a complete meal where this recipe is served**, following meal planning guidelines suggested in Cooking 201.

***E-410-006.** Baking with Whole Grains- any recipe, at least ¾ 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.)

***E-410-007.** Non-Traditional Baked Product- exhibit must include a food product prepared using a non-traditional method (i.e. bread machine, cake baked in an air fryer, baked item made in microwave, etc.) Entry must be at least ¾ baked product, or 4 muffins or cookies on a paper plate or in a disposable pan. Entry must include supporting information that discusses alternative preparation method and how it compares with traditional method.

COOKING 301- one entry per class number. Include recipe with exhibit.

- 1) 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.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***E-411-001.** White Bread- any yeast recipe, at least 3/4 of a standard loaf displayed on a paper plate.

***E-411-002.** Whole Wheat or Mixed Grain Bread- any yeast recipe, at least 3/4 of a standard loaf displayed on a paper plate.

***E-411-003.** Specialty Rolls-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.

***E-411-004.** Dinner Rolls-any yeast recipe, 4 rolls on a paper plate. May be cloverleaf, crescent, knot, bun, bread sticks, or any other type of dinner roll.

***E-411-005.** Specialty Bread- any yeast recipe, includes tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least ¾ of a full-sized baked product. May be baked in a disposable pan.

***E-411-006.** Shortened Cake - At least ¾ of the cake (not from a cake mix). Shortened cakes use fat for flavor and texture and recipes usually begin by beating fat with sugar by creaming and include leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed). {Must exhibit at least ¾ of the cake (recipe must not be from a cake mix)}

COOKING 401 - one entry per class number. Include recipe with exhibit.

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

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***E-412-001.** Double Crust Fruit Pie- 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.

***E-412-002.** Family Food Traditions- any recipe, at least ¾ 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.

***E-412-003.** Ethnic Food Exhibit- any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. The name of the country, culture or region should be included as part of the supporting information with the recipe, as well as background information about the country or culture the food item is representing.

***E-412-004.** Candy- 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.



***E-412-005.** Foam Cake- original recipe (no mixes) of at least ¾ of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

***E-412-006.** Specialty Pastry- any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. Baked items such as pie tarts, puff pastry, phyllo doughs, biscotti, choux, croissants, Danish, strudels. Phyllo dough may be pre-made or from scratch. Pastries made with cream or egg-based fillings will be disqualified.

FOOD PRESERVATION - one entry per class number. Include recipe with exhibit.

GUIDELINES

- 1) Processing Methods-Current USDA processing methods and altitude adjustments must be followed for all food preservation. Jam, preserves and marmalades, fruit, tomatoes and pickled products must be processed in a boiling water bath. Tomatoes may be processed in a pressure canner. All non-acid vegetables and meats must be processed in a pressure canner. Improperly canned or potentially hazardous food items will be disqualified. Spoiled or unsealed container disqualifies entry.
- 2) Jars do not need to be the same brand. Half pint jars may be used for jellies and preserves. The jars are not to be decorated by the exhibitor in any way. Canning jars must be used, others will be disqualified. No one-fourth pint jars allowed. Leave jar rings on for fair display, it helps protect the seal. No zinc lids.
- 3) Current Project-All canning must be the result of this year's 4-H project.
- 4) Criteria for Judging-Exhibits will be judged according to score sheets available at the Extension office or at <https://4hfairbook.unl.edu/fairbookview.php/rules>. Incomplete exhibits will be lowered one ribbon class. Canned food items not processed according to altitude in the county will be lowered one class ribbon. Check with the extension office or <https://food.unl.edu/canning#elevation> for county's altitude and how that affects food processing times and pounds of pressure.
- 5) Labeling -Jars should be labeled with the name of the food item, name of the 4-H'er, county, and date of processing on the bottom of each jar. Each bag containing dried foods should also be labeled with the name of the food item, the name of the 4H'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.
- 6) Recipe/Supporting Information- Recipe must be included, and may be handwritten, photocopied, or typed. Commercially prepared seasoning mixes are not allowed. Current USDA guidelines for food preservation methods MUST be followed. Suggested sources of recipes include:
 - a) 4-H Food Preservation Manuals (Freezing, Drying, Boiling Water Bath Canning, Pressure Canning)
 - b) USDA Guide to Home Canning https://nchfp.uga.edu/publications/publications_usda.html
 - c) Nebraska Extension's Food Website <https://food.unl.edu/food-preservation> or Extension publications from other states
 - d) Ball Blue Book (published after 2009)
- 7) All exhibits must include the **4-H Food Preservation Card** attached to the project as the required supporting information or include following information with exhibit:



4-H Food Preservation Card
(Please attach this card to each item preserved.)

Name: _____ County: _____
Date Preserved: _____

Processing Method (check one):
Boiling Water Canner, indicate type of pack (check one): raw pack OR hot pack
Processing time: _____ Altitude: _____

Pressure Canner, indicate type of gauge (check one): weighted gauge OR dial gauge
Product was canned at _____ pounds pressure at _____ altitude.
Processing time: _____ packed hot: _____ or packed cold: _____

Dehydration: Dehydrator OR Other, please specify (ie: oven, solar, etc.): _____
Approximate drying time: _____

Include instructions/recipe for product on back of this card. 4-H'ers must include the source of the recipe/instructions. 4-H'ers must use approved USDA recipes/instructions. Include pre-treatment for dried products.

PREMIUM: Purple \$3.00; Blue \$2.50; Red \$2.00; White \$1.00

UNIT 1 FREEZING

***E-407-001.** Baked Item Made with Frozen Produce- any recipe, at least ¾ 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- Use a rubber band or "twisty" to keep exhibit together.

***E-407-002.** Dried Fruits- exhibit 3 different examples of 3 different dried fruits. Place each dried fruit food (6-10 pieces of fruit, minimum ¼ cup) in separate self-sealing bags.

***E-407-003.** Fruit Leather- exhibit 3 different examples of 3 different fruit leathers. Place a 3-4" sample of each fruit together in separate self-sealing bags.

***E-407-004.** Vegetable Leather- 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.

***E-407-005.** Dried Vegetables- exhibit 3 different samples of 3 different dried vegetables. Place each food (¼ cup of each vegetable) in a separate self-sealing bag.

***E-407-006.** Dried Herbs- exhibit 3 different samples of 3 different dried herbs. Place each food (¼ cup of each herb) in a separate self-sealing bag.

***E-407-007.** Baked Item Made with Dried Produce/Herbs- 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-Her. 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- Entry must be processed in a boiling water bath according to current USDA recommendations.

***E-407-008.** 1 Jar Fruit Exhibit- exhibit one jar of a canned fruit.

***E-407-009.** 3 Jar Fruit Exhibit- exhibit 3 jars of different canned fruits. May be three different techniques for the same type of product, ex. Applesauce, canned apples, apple pie filling, etc.

***E-407-010.** 1 Jar Tomato Exhibit- exhibit one jar of a canned tomato product.

***E-407-011.** 3 Jar Tomato Exhibit- exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.).

***E-407-012.** 1 Jar Pickled Exhibit- one jar of pickled and/or fermented product.

***E-407-013.** 3 Jar Pickled Exhibit- exhibit 3 jars of different kinds of canned pickled and/or fermented products.

***E-407-014.** 1 Jar Jelled Exhibit- exhibit one jar of jam, jelly or marmalade.

***E-407-015.** 3 Jar Jelled Exhibit- exhibit 3 different kinds of jelled products. Entry may be made up of either pints or half pints-all jars must be the same size

UNIT 4 PRESSURE CANNING - All Entries must be processed according to current USDA recommendations.

***E-407-016.** 1 Jar Vegetable or Meat Exhibit- exhibit one jar of a canned vegetable or meat.

***E-407-017.** 3 Jar Vegetable or Meat Exhibit- exhibit 3 jars of different kinds of canned vegetables.

***E-407-018.** 3 Jar Meat Exhibit- exhibit 3 jars of different kinds of canned meats.

***E-407-019.** Quick Dinner- 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 the complete menu on a 3x5" file card and attach to one of the jars.

***E-407-020.** 1 Jar Tomato Exhibit- exhibit one jar of a canned tomato product.

***E-407-021.** 3 Jar Tomato Exhibit- exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.)

CONSUMER & FAMILY SCIENCE

Superintendent Nikki Ferraro

HUMAN DEVELOPMENT- Only one entry per class number.

- 1) The term Human Development includes childcare, family life, personal development and character development.
- 2) Exhibitors in the Human Development project area will be asked to focus on designing toys that meet the different needs of children.
- 3) Categories are based on the Early Learning Guidelines in Nebraska which identify the important areas in which our children should grow and develop. Use the Nebraska Department of Education website and the resources around the Early Learning Guidelines to help understand the six areas and the skills children need to develop to create your exhibit, in conjunction with your project manual. <https://www.education.ne.gov/oec/early-learning-guidelines>

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

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

- 1) Toy, game, or activity made for a selected and identified age group. The intent is for the toy/game/activity to teach the child in the developmental area related to each class. For example, a game that is developed to help youth learn language and literacy skills would be an exhibit for class C200002. Each area is a different class.
- 2) Include an information sheet for Classes 1-6:
 - a) Where did I get the idea for this exhibit?
 - b) What decisions did I make to be sure exhibit is safe for child to use?
 - c) 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-Hers must give at least 2 examples that help in understanding the appropriateness of this exhibit for the age of the child (see project manuals).
 - d) How is the toy, game or activity intended to be used by the child?

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

***C-200-001.** Social Emotional Development

***C-200-002.** Language and Literacy Development

***C-200-003.** Science

***C-200-004.** Health and Physical Development

***C-200-005.** Math

***C-200-006.** Creative Arts

***C-200-007.** Activity with a Younger Child- Poster or Scrapbook - showing 4-Her working with a child age 0 to 8 years. May show something with the child, or other childcare or child interactions. May include photos, captions, story, or essay. Size of exhibit is your choice. Other people may take photos so 4-Her can be in the photo. 4-Her must make the poster or scrapbook. No info sheet needed.

***C-200-008.** Babysitting Kit - Purpose of the kit is for the 4-H member to take this them when they babysit in someone else's home. Do not make kit for combination of ages or for your own family to use. 4-H member must make one or more items in the kit, but purchased 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 12x15x10". 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 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 that 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).

4-Hers taking any of the Human Development projects may enter:

***C-200-009.** Family Involvement Entry-Scrapbook, poster or story describing an activity the family did together. It might include making something such as a doll house or feed bunk. Item may be exhibited if desired. Other possibilities include a house or farm cleanup project, a family reunion, a celebration of a family milestone, a trip or vacation, moving, a community service project. Photographs are encouraged. Visuals should show family participation. Participation by all family members is important. Include a list of family members and what each person did to participate in the event.

4-Hers taking Growing All Together may enter the following classes:

***C-200-010.** Growing with Others Scrapbook or Poster. Examples: How to decide if it is 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.

***C-200-011.** Growing in Communities - 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.

CONSUMER MANAGEMENT-Entries in Consumer Management are due with Static Entries.

- 1) Consumer management helps participants learn more about how to make smart fiscal decisions and how to improve financial literacy. The different exhibits provide a variety of learning experiences for 4-H'ers. Participants in this category will emphasize setting smart goals and keeping a spending plan.
- 2) General Information: Entries shall be posters or notebooks. Posters should be on 14x22" poster board. If a three-ring binder is used it should be 8½x11x1". Video exhibits should be less than 5 minutes in length and be able to be played on a PC using Windows Media Player, Realplayer, or QuickTime Player.

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

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

MAKING CENTS OF IT - one entry per class number.

C-225-001. Collage/poster of your needs and wants- size 14x22"

C-225-002. Bank- using creativity, make a bank for saving.

C-225-003. Educational Exhibit- show what you have learned/done in this project through a poster (size 14x22"), notebook or story.

Example: your savings goal/how you achieved it, history of money, how money is made, counterfeit prevention.

ATTENTION SHOPPERS - one entry per class number. Exhibitors must be 8 or 9 as of Jan. 1.

C-230-001 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.

C-230-002. Clothing Interview – A) Interview an older person and talk about the fads and fashions of the time when they were young. OR B) Interview a person from another culture and find out how their dress and fashions 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 C) 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, video tape with explanation.

C-230-003. Buymanship - Experience buying a complete wearable 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. Consider creativity and style in explaining your story. 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, etc.

SHOPPING IN STYLE- one entry per class number.

***C-240-001.** Best Buy for Your Buck (Ages 8-13 before January 1 of the current year) - Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). Do not include the Shopping in Style Fashion Show Information Sheet in your entry for this class. Although both entries do share some information, there are differences in content and format for this class.

Provide details about wardrobe inventory which indicates;

- a) Why you selected the garment you did?
- b) Clothing budget
- c) Cost of garment
- d) Conclusion or summary statement(s) stating your final comments on why you selected your “Best Buy for Your Buck.”
- e) Provide 3 color photos of you wearing the garment (front, side, back views).

***C-240-002.** Best Buy for Your Buck (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. Suggested for Ages 14-19.

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

- a) Body shape discussion
- b) Construction quality details
- c) Design features that affected your selection
- d) Cost per wearing
- e) Care of garment
- f) Conclusion or summary statement(s) stating your final comments on why you selected your “best buy for your buck”.
- g) Provide 3 color photos of you wearing the garment (front, side, back views).

***C-240-003.** Revive Your Wardrobe - Take at least two items in your wardrobe that still fit but that you don't wear anymore and pair them with a 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).

***C-240-004.** Show Me Your Colors 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).

***C-240-005.** Clothing 1st Aid Kit 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.

***C-240-006.** Mix, Match, & Multiply 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 info).

MY FINANCIAL FUTURE - one entry per class number.

- 1) General Information: Entries should be typed and then attached to a piece of colored card stock or colored poster board (limit the size of the poster board or card stock to 14x22” or smaller). You may use the front and back of the poster board.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***C-247-001.** 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.

***C-247-002.** 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.

***C-247-003.** 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.

***C-247-004.** 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.

***C-247-005.** Complete Activity 8 “What Does It Really Cost?” on pages 39-40.

***C-247-006.** 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?

***C-247-007.** 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.

- a) What are some benefits of receiving your pay the way you do (salary, commission, or hourly wage)?
- b) What are some negative outcomes for getting paid the way you do?
- c) Does your pay keep pace with inflation? Why do you think this?
- d) Summarize: Based upon your interviews which payment method would suit you the best? Discuss your answer.

***C-247-008.** The Cost of Not Banking-Type your answers to the questions about Elliot on page 50.

***C-247-009.** Evaluating Investment Alternatives-complete the case study of Jorge on page 64. Answer all three questions found at the bottom of page.

***C-247-010.** 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.

***C-247-011.** You Be the Teacher-Create an activity, storyboard, 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.

CLOTHING, FIBER ARTS, QUILT QUEST

Superintendents Sew for Fun, STEAM Clothing 1, 2, 3 – Amy Greving & Nicole Greving

Superintendents Beyond the Needle, Fiber Arts, Quilt Quest – Darcy Ray

Participants in the clothing category will demonstrate their knowledge through the creation of garments using STEAM (science, technology, engineering, arts, and mathematics) techniques. Through the creation of garments 4-H'ers will learn more about clothing and application of STEAM abilities. Five divisions in the clothing category offer a varying level of difficulty for 4-H contestants.

- Pre-entries must be submitted to the Extension Office by **July 10**. Items must be entered on **Tuesday, July 23** at the 4-H Building for interview judging. Additional entries must be made at least 30 minutes before scheduled interview or modeling.
- Always check your 4-H manuals for which type of fabric you can use in your exhibit. Study and work through your 4-H manual to become the best sewer you can be!
- 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.
- 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.
- A Design Data Card must be included with all Beyond the Needle Classes C221003-C221008 and STEAM 2 and 3 upcycled exhibits. The data card is available at <http://go.unl.edu/ne4hclothing>. If the data card is not included, the exhibit will be lowered one ribbon placing
- Garments as listed may be made for self (4-H member) or another person. 4-H'ers enrolled in clothing projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in STEAM CLOTHING 2, you are not eligible to exhibit in STEAM CLOTHING 1.

N EXTENSION

Clothing Design Data Card

Name _____ County _____

Class Name and Number _____

This card must be included with
Beyond the Needle Classes: C221003 through C221008
STEAM 2 Upcycled Garments and Accessory Classes: C222003 and C222004
STEAM 3 Upcycled Garment and Accessory Classes: C223001 and C223002
All upcycled exhibits are required to have before and after pictures
pictures no larger than 4" x 5" x 5" each.

- Why did you choose to create this exhibit?
- What steps did you take as you created this exhibit?
- What is one thing you learned from creating this exhibit?

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

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***C-220-001.** Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3, OR 4 of the STEAM Clothing 2 project manual. The Portfolio should be placed in an 8½ 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.

***C-220-002.** Textile Science Scrapbook – 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 8½x11, 3 ring binder. Include an appropriate cover. Textile Science Scrapbook should build upon itself each year (additional pages can be added each year, but should be dated). See the STEAM Clothing 2 project manual for fabric suggestions.

***C-220-003.** Sewing for profit – 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”x30”.

SEWING FOR FUN - one entry per class number.

- 4-Hers enrolled in Sewing for Fun are encouraged to sew a variety of items using the project instruction leaflet. The project items are grouped according to difficulty levels: easy, intermediate, more difficult.

PREMIUM: Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

C-215-001. One (1) easy item. Ex. Needlebook, Square Pin Cushion, Pillowcase.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

C-215-002. One (1) intermediate item. Ex. Laundry Bag, Tote Bag, Three-Striped Pillow.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

C-215-003. One (1) more difficult item. Ex. Diagonal Pillow, Patchwork Pillow, Rail Fence Pillow.

C-215-004. Anyone (1) other item from any difficulty level.

STEAM CLOTHING: BEYOND THE NEEDLE - one entry per class number.

- 1) Members are encouraged to be creative, use art elements and principles, and try new techniques as they advance through this project.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***C-221-001.** Design 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 8½x11, 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.

***C-221-002.** Color Wheel – Create your own color wheel, complementary color bar or color scheme using pages 27-39 in the project manual. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22x30”.

***C-221-003.** Embellished Garment with Original Design – Create a garment using techniques as defined in the project manual. Designs are the original idea of the 4-Her using the elements and principles of design to make an original statement. A Design Data Card must be included with this project.

***C-221-004.** Original Designed Fabric Yardage - Fabric yardage is designed using techniques such as those found in the manual. Other embellishments may be added. Exhibit consists of at least one yard of finished fabric. A Design Data Card must be included with this project.

***C-221-005.** Item (garment or non-clothing item) Constructed from Original Designed Fabric - Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added. A Design Data Card must be included with this project.

***C-221-006.** Textile Arts Garment or Accessory - constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape. A Design Data Card must be included with this project.

***C-221-007.** Fashion Accessory - designed and/or constructed using elements and principles of design; can be textile or non-textile based. Example: shoes, strung bracelet/necklace, wire wrapping, scarves, flip flops, design on tennis shoes, etc. A Design Data Card must be included with this project.

***C-221-008.** Wearable Technology Garment -Technology is integrated into the garment in some way (for example: LEDs, charging capabilities, sensors, etc). A Design Data Card must be included with this project.

******The following classes are not determined by years in the project, but by difficulty level of the entry. Garments may be made for 4-H member or another person. Refer to manuals!**

UNIT 1- STEAM CLOTHING 1- FUNDAMENTALS - one entry per class number.

- 1) 4-Hers who have enrolled in or completed UNIT 2-STEAM CLOTHING 2-SIMPLY SEWING are not eligible. The entry is a single garment - either a top OR a bottom. Inseam or patch pockets, flat constructed sleeves, and simple lined vests are acceptable.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

C-205-001. Simple pull-on pants or shorts or split skirt

C-205-002. Simple skirt or wrap skirt.

C-205-003. Simple pull-over top/shirt

C-205-004. Vest

C-205-005. Other simple garment

C-205-006. Upcycled Simple Garment – 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.

C-205-007. Upcycled Simple Clothing Accessory – 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.

UNIT 2- STEAM CLOTHING 2- SIMPLY SEWING - one entry per class number.

- 1) 4-Hers who have enrolled in or completed Unit 3-STEAM CLOTHING 3-A STITCH FURTHER are not eligible. 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.

PREMIUM: Purple \$3.00; Blue \$2.50; Red \$2.00; White \$1.00

***C-222-001.** Design Basics, Understanding Design Principles – 4-H members 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 22x30”.

***C-222-002.** Pressing Matters – 4-H Members may enter a ham or sleeve roll from pages 21-25 “A Pressing Matter” in the project manual. Exhibit should include answers to lesson questions that are most appropriate to include.

***C-222-003.** Upcycled Garment – Create a garment from used textile based items. The original used item must be redesigned using skills learned in STEAM Clothing 2 (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A Design Data Card must be included with this project including a “before” picture no larger than 4½x 5½”. A list of skills and the Design Data Card are available at <https://go.unl.edu/ne4hclothing>.

***C-222-004.** Upcycled Clothing Accessory – A wearable accessory made from a used item. The original used item must be redesigned using skills learned in STEAM Clothing 2 (not just decorated) in some way to create a new wearable accessory. The finished garment must reflect at least one skill learned in this project. A Design Data Card must be included with this project including a “before” picture no larger than 4½x 5½”. A list of skills by project and the Design Data Card are available at <https://go.unl.edu/ne4hclothing>.

***C-222-005.** Textile Clothing Accessory- Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 2. A list of skills by project is available at <https://go.unl.edu/ne4hclothing>. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

***C-222-006.** Top (vest acceptable)

***C-222-007.** Bottom (pants or shorts)

***C-222-008.** Skirt

***C-222-009.** Lined or Unlined Jacket

***C-222-010.** Dress

***C-222-011.** Romper or Jumpsuit

***C-222-012.** Two-Piece Outfit

***C-222-013.** Alter Your Pattern—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)

***C-222-014.** Garment Constructed from Sustainable or Unconventional (natural or synthetic) fibers – 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.

UNIT 3- STEAM- A STITCH FURTHER - one entry per class number.

- 1) Exhibits entered in this project must reflect at least one new skill learned from this manual (see project manual skill-level list).
- 2) Garments as listed may be made from any pattern or any fabric and should demonstrate sewing skills beyond STEAM CLOTHING 2. Entry consists of complete constructed garments only. Wool entries must have the fiber content list on the identification label.

PREMIUM: Purple \$4.00, Blue \$3.00, Red \$2.00, White \$1.00

***C-223-001.** Upcycled Garment – Create a garment from used textile-based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A list of skills by project is available at <http://go.unl.edu/ne4hclothing> A Design Data Card must be included with this project including a “before” picture no larger than 4¼x5½”

***C-223-002.** Upcycled Clothing Accessory – A wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A list of skills by project is available at <http://go.unl.edu/ne4hclothing> A Design Data Card must be included with this project including a “before” picture no larger than 4¼x5½”

***C-223-003.** Textile Clothing Accessory - 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.)

***C-223-004.** Dress or Formal

***C-223-005.** Skirted Combination – (skirt with shirt, vest, jacket, or jumper & shirt)

***C-223-006.** Pants or Shorts Combination – (pants or shorts with shirt, vest, or jacket)

***C-223-007.** Romper or Jumpsuit

***C-223-008.** Specialty Wear – (includes swimwear, costumes, hunting gear or chaps)

***C-223-009.** Lined or Unlined Jacket or Vest – (non-tailored)

***C-223-010.** Coat, Blazer, Suit Jacket or Outerwear - A tailored blazer or suit jacket or coat.

***C-223-011.** Alter/Design Your Pattern – Garment constructed from a significantly altered pattern. Entry must include both the constructed garment and the altered pattern. Include information sheet that describes: 1) how the pattern was altered or changed 2) why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 3 include: moving darts, adding a zipper, merging two patterns together, altering a pattern for a woven or knit material, adding a lining, designing your own pattern.

***C-223-012.** Garment Constructed from Sustainable or Unconventional (natural or synthetic) fibers – 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.

KNITTING & CROCHET-Only one entry per class number.

- 1) The purpose of this category is to establish basic to advanced crochet and knitting skills. In addition, projects in this category require 4-H'ers to select adequate yarn and make design decisions.
- 2) 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).
- 3) 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.
- 4) Knitted and Crocheted exhibits should be entered in the most appropriate manner for the exhibit.
- 5) Garments as listed may be made for self (4-H member) or another person. 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.

KNITTED ITEM

- 1) All knitted items will be displayed in the clothing area.
- 2) Criteria for judging knitting: Design and Color, Neatness, Knitting Mechanics, Trimmings, and Constructions Finishes.
- 3) Each knitted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:
 - a. Why did you choose to create this exhibit?
 - b. What steps did you take as you created this exhibit?
 - c. What were the most important things you learned?
 - d. Gauge-Number of rows per inch; number of stitches per inch.
 - e. Size of needles, finger knitted, arm knitted, loom or machine knitted
 - f. Kind of yarn – weight and fiber content.
 - g. Names of stitches used.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

C-225-000, Level 1 Knitted Clothing

***C-225-001**, Level 2 Knitted Clothing - 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

***C-225-002**, Level 2 Knitted Home Design & Restoration 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

***C-225-003**, Arm or Finger Knitted Item - (Clothing or Home Design & Restoration Item)

***C-225-004**, Loom Knitted Item - (Clothing or Home Design & Restoration Item)

***C-225-005**, Level 3 Knitted Clothing - 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

***C-225-006**, Level 3 Knitted Home Design & Restoration 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.

***C-225-007**, Level 3 Machine Knitting

CROCHETED ITEM - one entry per class number.

- 1) All crochet items will be displayed in the clothing area.
- 2) Criteria for judging crochet: Design and Color, Neatness, Crochet Mechanics, Trimmings, and Construction Finishes.
- 3) Each crocheted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:
 - a. Why did you choose to create this exhibit?
 - b. What steps did you take as you created your exhibit?
 - c. What were the most important things you learned?
 - d. Gauge and size of hook or type of crocheting tool.
 - e. Kind of yarn - weight and fiber content or other material used.
 - f. Names of stitches used.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

C-226-000, Level 1 Crocheted Clothing

C-226-100, Level 1 Crocheted Home Design & Restoration Item

***C-226-001**, Level 2 Crocheted Clothing-Crochet garment using basic stitches (including: chain, single, double, half-double, treble) to form patterns

***C-226-002**, Level 2 Crocheted Home Design & Restoration Item - Crochet item using basic stitches (including: chain, single, double, half-double, treble) to form patterns

***C-226-003**, Level 3 Crocheted Clothing - Crochet garment using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

***C-226-004**, Level 3 Crocheted Home Design & Restoration 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.

WEAVING - one entry per class number.

Each woven 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) Type of Loom.
- 5) Kind of yarn – weight and fiber content or other material used.
- 6) Name of weave structures used.
- 7) Copy of directions.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

C-227-001, Level 1 Woven Garment with a plain or balanced weave using a rigid heddle loom. Such as: Scarf, Shawl, Belt.

C-227-002, Level 2 Woven Garment using basic weaving techniques and threading patterns with a four-harness loom.

C-227-003. Level 3 Woven Garment using advanced weaving techniques and threading patterns with any loom. Such as lace, overshot, tapestry.

QUILT QUEST - one entry per class number.

- 1) 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.
- 2) All entry cards and support information must be attached using a safety pin. No straight pins.
- 3) 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:
 - a) Jelly Rolls are made of (up to) 40 different strips of 2½" 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.
 - b) Honey Buns are made like the Jelly Rolls with 1½" strips of fabrics.
 - c) 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.
 - d) Charm Packs are made of 5" squares of coordinating fabric and may be tied up with a string or scrap of fabric.
 - e) Candies are 2.5" squares of fabric from a manufactured designer or fabric line.
 - f) Turnover is a collection of coordinating fabrics that are cut into 6" triangles.
 - g) Fat Quarters are ½ yard cuts of fabric which are cut in half to make a rectangle that is approximately 18x21". (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.
 - h) Fabric Kit is a collection of fabrics cut in large pieces to accommodate the requirements of a particular quilt pattern. The 4-Her must cut out all of the smaller squares, rectangles, etc. to make the quilt top according to the pattern directions.
- 4) After fabric selection, youth can use a variety of tools for cutting the fabric and completing the quilt. Cutting into pattern pieces may include hand roller die cutting machines that cut particular shapes which can be applied to fabric. This is allowed in the construction of the quilt.
 - a) A quilted exhibit is made up of at least 3 layers. Exhibits must be quilted or tied through all layers.
 - b) Fleece blankets are not eligible in this division.
 - c) Quilts must have a permanent label on the back in the bottom right corner with quilter's name and date of completion.
- 5) Supporting information is required for all exhibits. 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: <https://4h.unl.edu/fairbook/general/scoresheets-forms> Exhibits without supporting information will be dropped a ribbon placing.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

C-229-001. Quilt History/Research - Essay and photograph of a particular quilt and its history (may be either an old quilt or newly made quilt) OR history/research of a particular style of quilt (i.e. Baltimore album quilts, Pennsylvania Amish quilts).

C-229-002. Quilt theme photography exhibit - a single matted 8x10" print with a definite quilt theme OR a quilt photo story on 14x22" black poster board.

C-229-003. Framed quilt or quilt block - must be mounted and framed and ready to hang, glass optional.

C-229-004. Quilted accessories for the home or a toy (2D or 3D) - examples: table runner and placemats, play mat, toy, soft sculpture. This class does not include wall hangings.

C-229-005. Accessory made from the 1932 Kansas City Star 4-H Quilt Block.

C-229-006. Quilt Theme diorama - dimensions not to exceed 12"x15"x10".

C-229-007. First quilt made by 4-Her.

C-229-008. Special occasion quilt - quilt constructed to celebrate a special event or to preserve a memory. May be a t-shirt quilt, photo quilt, autograph friendship quilt or exchange quilt or other means of preserving a memory in a quilt. Attach explanation of why a quilt was made to preserve the memory.

EXPLORING QUILTS

***C-229-010.** Exploring Quilts - Illustrate some aspect of quilts or quilt making. Examples include, but are not limited to, language arts, quilts of different cultures, chemistry, design, preservation, history, construction, math conversion of patterns, textiles/fabrics, computerization, and entrepreneurship. History may include history of an old quilt or a newly made quilt, or history/research of a particular style of quilt (such as Baltimore album quilts or Amish quilts). Exhibit may be a 14x22" poster, notebook, CD, power point, Prezi, DVD, YouTube, or other technique. All items must be attached to the exhibit and labeled. No quilted item should be entered in this class.

***C-229-030.** Computer exploration. Notebook or poster 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 - suitable for the exhibit.

QUILT DESIGN OTHER THAN FABRIC

- 1) Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Please note this is the Home Design & Restoration Information Sheet.

***C-229-020.** Quilt Designs Other than Fabric. 2D or 3D item with quilt design made using medium other than fabric – such as stained glass, paper, etc.

BARN QUILTS

- 1) Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Please note this is the Home Design & Restoration Information Sheet.

***C-229-021.** Barn Quilt created that is less than 4'x4'.

***C-229-022.** Barn Quilt created that is 4'x4' or larger.

QUILTED EXHIBITS

C-229-040. Wearable art. Quilted clothing or clothing accessory which must have a recognizable amount of quilting and may include fabric manipulation. Quilting must be done by 4-H member. On a half sheet of 8½x11" paper, tell how you selected the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.

C-229-041. Inter-Generational Quilt - A quilt made by a 4 H member and family members or friends of different generations. On a half sheet of 8½x11" paper, include an explanation answering the following questions: A) How was the quilt planned and who did what in the construction of the quilt? B) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you learn that you can use on your next project?

C-229-042. Service Project Quilt - A quilt constructed by 4-H member or group to be donated to a worthy cause. Please include the following: On a half sheet of 8½x11" paper, include an explanation answering the following questions: A) Why was the quilt constructed and who will receive the donated quilt? B) How did you select the design and fabrics used including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you do and what was done by others? D) What did you learn that you can use on your next project?

Classes 50 –52- Pieced quilts made up of squares or rectangles.

***C-229-050.** 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.

***C-229-051.** Medium - length + width = 61" to 120"

***C-229-052.** 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.

***C-229-060.** 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.

***C-229-061.** Medium - length + width = 61" to 120"

***C-229-062.** 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.

***C-229-070.** 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.

***C-229-071.** Medium - length + width = 61" to 120"

***C-229-072.** Large - length + width = over 120"

PREMIER QUILT-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.

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.

***C-229-080.** Hand quilted

***C-229-081.** Sewing machine quilted

***C-229-082.** Long arm quilted - non computerized/hand guided.

***C-229-083.** Long arm quilted – computerized.

FASHION SHOW

Superintendents Kendra Jefferson & Jamie Wright

- 1) The 4-H Fashion Show is an opportunity for youth to showcase their clothing construction and consumer management skills. Construction garment contestants are judged on fit, construction, poise, and overall look of the garment on the individual. Shopping in Style contestants are judged on garment fit, the overall look of the outfit, and poise, as well as record keeping skills in the written report.
- 2) **A completed 4-H Fashion Show Script or 4-H Shopping in Style Fashion Show Written Report with Narration Form is due on or before Clothing Judging day on July 25th to the Extension Office.**
- 3) Discretion is requested in styles modeled for the public show.
- 4) The model may carry accessories that the 4-Her has made but will receive only one modeling ribbon.

SEWING FOR FUN

C-411-001. Sewing for Fun Parade- 4-Hers enrolled in Sewing for Fun may model any item made from Sewing For Fun project. A premium of \$1.00 will be awarded.

STEAM CLOTHING: BEYOND THE NEEDLE - one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***C-410-010.** Beyond the Needle Embellished Garment with 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.

***C-410-015.** Beyond the Needle Garment Constructed from an Original Designed Fabric - Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added.

***C-410-020.** Beyond the Needle Textile Arts Garment - A garment constructed using new unconventional materials. Ex: rubber bands, plastic, duct tape

***C-410-025.** Wearable Technology Garment - Garment has integrated technology into its design.

STEAM CLOTHING 1: FUNDAMENTALS - one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

C-411-007. Simple pull-on pants/shorts/split skirt

C-411-008. Simple skirt or wrap skirt.

C-411-009. Simple pull-over top/shirt

C-411-010. Vest

C-411-011. Other simple garment

C-411-012. Upcycled Simple Garment

STEAM CLOTHING 2: SIMPLY SEWING - one entry per class number.

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

- A purchased top can be worn to complete a skirt, pants, or shorts outfit with a vest or unlined jacket.
- 4-H members who have enrolled in or who have completed STEAM 3 projects are not eligible to enter this class.
- Nightshirts, flannel lounging pants, or any other types of loungewear can NOT be modeled.

***C-410-030.** Dress (not formal)

***C-410-031.** Romper or Jumpsuit

***C-410-032.** 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.

C-410-033. Top (vest acceptable)

C-410-034. Bottom (pants or shorts)

C-410-035. Skirt

C-410-036. Lined or Unlined Jacket

C-410-037. Upcycled Outfit Combination - must contain a complete constructed outfit (examples: if the top is upcycled, must include a constructed bottom, upcycled dress).

STEAM CLOTHING 3- A STITCH FURTHER - one entry per class number.

PREMIUM: Purple \$3.00; Blue \$2.50; Red \$2.00; White \$1.00

***C-410-040.** Dress or Formal

***C-410-041.** 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.

***C-410-042.** Pants or Shorts 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.

***C-410-043.** Romper or Jumpsuit

***C-410-044.** Specialty Wear (swimwear, costumes, western wear-chaps, chinks, riding attire or hunting gear)

***C-410-045.** Non-tailored Lined or Unlined Jacket or Coat, additional pieces with jacket or coat may either be constructed or purchased.

***C-410-046.** Tailored Coat, Blazer, Suit Jacket, or Outerwear. Additional pieces with coat, blazer, jacket or outerwear may either be constructed or purchased.

***C-410-047.** Upcycled Outfit Combination - must contain a complete constructed outfit (examples: if the top is upcycled, must include a constructed bottom, upcycled dress).

KNITTING & CROCHETING - one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

Garment needs to be a complete outfit as in a dress, coat, or two-piece ensemble (bottom and top).

***C-410-050.** 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.

***C-410-051.** Crocheted garment using pattern stitches such as texture, shell, cluster or mesh stitches or advanced crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches. Garment can be a sweater, cardigan dress, coat, a top and bottom, or a two-piece ensemble.

SHOPPING IN STYLE- one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***C-410-060.** Participants must be enrolled in the Shopping In Style 4-H Project to enter. The curriculum is developed and designed for youth ages 8 and older to help them strengthen their consumer skills when purchasing clothing. Participants must model a complete outfit. All pieces of the garment must be purchased.

\$15 CHALLENGE- one entry per class number

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

C-410-019. \$15 Challenge- Open to any 4-H member.

Rules:

- a) Purchase an outfit that represents the 4-Hers intended use for the selected outfit.
- b) Outfits must be selected and purchased from a garage sale, thrift store, consignment store or resale shop including Goodwill, Salvation Army, or other stores of this type. (Garage sale "free box" items would qualify.)
- c) Cost of outfit must be \$15 or less, not including shoes, accessories, or undergarments.
- d) Complete a report form to be entered when the garment is modeled. Pick up at Extension office or download at <https://go.unl.edu/merrickfair>

HOME ENVIRONMENT (HOME DESIGN & RESTORATION) Superintendents Kelly & Doug McHargue

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

Home Design & Restoration Exhibits are evaluated by these criteria:

- 1) Exhibits 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 easily lifted by two 4-H staff.

- 8) Number of Entries per Individual: One entry per exhibitor per class.
- 9) Entry Tags: An entry tag which includes a clear description of the entry must be securely attached to each exhibit. Use color, pattern or picture descriptions to aid in identification. No straight pins.
- 10) Identification: In addition to the entry tag, a label with the exhibitor's name and county should be attached to each separate piece of the exhibit.
- 11) Supporting Information: Supporting information is required for all exhibits. Information must include elements or principles of design used and steps taken to complete project. Tag templates can be found at <https://go.unl.edu/ne4hhomeenvironment> Exhibits without supporting information will be dropped a ribbon placing.

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

Home Design & Restoration Supporting Information

Name _____ Age _____ County _____

Please answer the following questions in as much detail as possible to ensure the judge can provide the most helpful critique of your exhibit.

Identify one element or principle of design in your exhibit. How or why did you use this in the creation of your project?

Elements – Line, Form, Shape, Color, Texture, Space

Principles – Balance, Emphasis, Movement, Pattern, Proportion, Repetition, Rhythm, Unity, Variety

Describe the steps you took to create the exhibit.

Why did you choose to create this exhibit? How will it be used?

HEIRLOOM TREASURES & FAMILY KEEPSAKES - one entry per class number.

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

PREMIUM: Purple \$4.00; Blue \$3.00; Red \$2.00; White \$1.00

***C-256-001.** Trunks, including doll-sized trunks or wardrobes.

***C-256-002.** An article - either a repurposed "treasure" (accessory) from an old item or an old "treasure" (accessory) refinished or renovated. May include a display of a collection or collectibles, being careful not to destroy value of the collection.

***C-256-003.** Furniture - either a repurposed "treasure" from an old item or an old "treasure" refinished or renovated. May include doll-sized furniture.

***C-256-004.** Cleaned and Restored Heirloom Accessory or Furniture - A reconditioned and cleaned old piece of furniture or accessory so that the item or furniture 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 damages as a valuable heirloom. Consult extension publication **Care and Conservation of Heirloom Textiles, G1682** for information on textiles. This publication can be found in the Digital Commons at: <https://go.unl.edu/genh> (Refinished items go in classes 900-55 and 900-56) 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.

DESIGN DECISIONS - one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

***C-257-001.** Design board for a room. Include: color scheme, wall treatment, floor treatment, etc. OR floor plan for a room. Posters, 22x28", or multimedia presentation (on CD). Show what you learned with before and after pictures or diagrams, samples, story, cost comparisons, optional arrangements, etc.

***C-257-002.** Problem solved, Energy savers OR Career exploration – Identify a problem (as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.) OR explore a career related to home environment. (what would it be, what education is needed, what would you do, etc.) Using poster, notebook, multimedia presentation (on CD) or other method, describe the problem and how it was solved OR your career exploration.

***C-257-003.** Solar, wind, or other energy alternatives for the home – 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 home.

***C-257-004.** Technology in Design - Incorporate technology into a project related to home environment; for example, using conductive thread to create a circuit that enhances a wall hanging.

***C-257-006.** Window Covering - May include curtains, draperies, shades, shutters, etc.

***C-257-007.** Floor covering - May be woven, braided, painted floor cloth, etc.

***C-257-008.** Bedcover-May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts, state who did the quilting. (No fleece exhibits) (p. 50-53)

***C-257-009.** Accessory – Original Needlework/Stitchery.

***C-257-010.** Accessory – Textile 2D (tablecloth or runner, dresser scarf, etc. No fleece tied exhibits or beginning/10-minute table runners)

***C-257-011.** Accessory – Textile 3D – pillows, pillow shams, fabric bowls, etc.

***C-257-012.** Accessory – 2D

***C-257-013.** Accessory – 3D (string art, wreaths, etc.)

***C-257-014.** Accessory – Original Floral Design.

For the following classes determine entry by what medium was manipulate.

***C-257-015.** Accessory – Original made from Wood- burn, cut, shape, or otherwise manipulate.

- ***C-257-016.** Accessory – Original made from Glass- etch, mosaic, stain, molten or otherwise manipulate.
- ***C-257-017.** Accessory – Original made from Metal- cut, shape, punch, sculpt, reassemble, or otherwise manipulate.
- ***C-257-018.** Accessory – Original made from Ceramic or Tile- treatment to exhibit must go through process that permanently alters the medium. Painting alone is not sufficient.
- ***C-257-019.** Accessory – Recycled/Upcycled item for the home, reuse a common object or material in a creative way. Include a description of what was done to recycle or reuse item in your attached information.
- ***C-257-020.** Furniture – Recycled/Remade - made or finished by the member by using a common object or material in a creative way. Include a description of what was done to recycle or reuse item in your attached information.
- ***C-257-021.** Furniture – Wood Opaque finish such as paint or enamel.
- ***C-257-022.** Furniture – Wood Clear finish showing wood grain.
- ***C-257-023.** Furniture - Fabric Covered Furniture - May include stool, chair seat, slipcovers, headboard, etc.
- ***C-257-024.** Furniture - Outdoor living - Furniture made/refurbished suitable for outdoor use. Include a description of what was done to recycle or reuse item in your attached information. (May be displayed outside)
- ***C-257-025.** Accessory - Outdoor living - Accessory made/refurbished suitable for outdoor use. Include a description of what was done to recycle or reuse item in your attached information.

DESIGN MY PLACE - one entry per class number.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

- C-258-001.** Needlework accessory (made with yarn or floss)
- C-258-002.** Simple fabric accessory (pillow, laundry bag, pillowcase, table runner, tie blanket, etc.)
- C-258-003.** Accessory made with original batik or tie dye.
- C-258-004.** Simple accessory made by 4-Her using wood, plastic, glass, clay, paper.
- C-258-005.** Storage item made or recycled.
- C-258-006.** Bulletin or message board
- C-258-007.** Metal Tooling or Metal Punch Accessory
- C-258-008.** Problem Solved: Use creative method to show how you solved a problem (air quality, water, sound, temperature, lighting, fire escape plan, etc.)
- C-258-009.** Video showing how to make a bed or organize a room.

VISUAL ARTS- one entry per class number.

With an emphasis on originality, the purpose of the 4-H Visual Arts projects is to practice using design elements and principles while exploring and experimenting with various mediums and techniques. In addition, youth should practice self-expression and work to communicate their personal voice through their work.

Practice drawing, fiber arts, and sculpting; Develop artistic talents and skills; Understand the visual arts in relation to history and culture; Learn painting, printing, and graphic design techniques; Make connections between visual arts and other disciplines; create original artwork; practice using design elements and principles; explore and experiment with various mediums and techniques; practice self-expression; learn to communicate a personal voice through their work.

- 1) Original Work-Items must be the original work of the 4-H member and should show creativity and originality. No copyrighted images or master studies.
- 2) Ready for Professional Display- All exhibits must be presented appropriately for the medium(s) used and ready to be professionally displayed. 2-dimensional pieces on paper should be framed behind glass/plexiglass. Canvas boards should be framed but glass/plexiglass is not necessary. Stretched canvases do not need frames as long as staples are not visible on the edges. All 2-dimensional pieces should be ready to hang using a sawtooth or wire hanger.
- 3) Entry Descriptions: Entry tags should include a visual description of the exhibit, including size, dominant color, and subject to aid in identification
- 4) Supporting Information: Supporting information is required for all Visual Arts exhibits. Information must include responses to all questions and steps taken to complete the project. Supporting information must be securely attached to the back of the piece. Supporting Information tag templates can be found at <https://go.unl.edu/ne4hvisualarts> Exhibits with missing or incomplete supporting information will be dropped a ribbon placing
- 5) Exhibits may utilize any medium or combination of mediums on any surface. All exhibits must be appropriately presented and ready to be professionally displayed. Artwork should depict the artist's own interpretation of the theme. All exhibits should include an explanation of how the piece reflects the theme and what ideas or thoughts the artist was attempting to express or communicate.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.75

Visual Art Mediums

- ***C-260-001.** Original Acrylic Painting
- ***C-260-002.** Original Oil Painting
- ***C-260-003.** Original Watercolor Painting
- ***C-260-004.** Original Pencil Drawing
- ***C-260-005.** Original Charcoal Drawing
- ***C-260-006.** Original Ink Drawing

Visual Art Supporting Information (updated 2023)

Name _____ Age _____ County _____

Class _____ Artwork Title _____

Reflection

1. Discuss your use of the elements and principles in this piece. Which specific elements and/or principles did you focus on while planning and creating this piece? Why?
2. Where or how did you find the inspiration or references for your artwork, such as other artwork, reference photos, ideas? What did you do to make this unique and original, rather than copying other's ideas or creations?
3. Does this artwork utilize Artificial Intelligence (AI) integrated features? If so, please indicate.

Process – Outline your creative process and the steps you took to complete this piece. Include special or unique materials, tools, or techniques used.

- ***C-260-007.** Original Fiber Art - Could include weaved art, dyed fabric, felted wool, cotton linter, batik, etc.
- ***C-260-008.** Original Sculpture - Could include Styrofoam, wood, cardboard, paper, metal, wire, etc.
- ***C-260-009.** Original Ceramic Pottery - No purchased ceramic pottery. Must be glazed and fired. May be any hand-built technique or wheel thrown. May be functional or non-functional. Could include slab built, pinch pots, coil built, wheel thrown, etc.
- ***C-260-010.** Original Painting on Purchased Ceramic Surface - No hand-built or wheel thrown pottery. May be functional or non-functional. Could include figurines, cups, bowls, etc.
- ***C-260-011.** Original Single Media Not Listed - Could include digital art, leathercrafting, printmaking, stained glass, pastels, scratchboard, sand painting, encaustic painting, chalk, etc.
- ***C-260-012.** Original Mixed Media - Could include any combination of two or more other mediums or materials.

Visual Arts Themes

- ***C-261-001.** Original Art Inspired by Plants or Animals - could involve but is not limited to domestic animals, pets, agriculture, wild animals, wildlife conservation, house plants, fruit, vegetables, flowers, native plants, trees, etc.
- ***C-261-002.** Original Art Inspired by Landscapes - could involve but is not limited to rural landscapes, natural environments, man-made environments, urban landscapes, extraterrestrial landscapes, oceanic scenes, buildings, fantasy landscapes, agricultural landscapes, etc.
- ***C-261-003.** Original Art Inspired by People - could involve but is not limited to cultural art, modern society, portraits, daily life, careers, families, emotions, etc.
- ***C-261-004.** Original Art Inspired by Artist's Choice - could involve but is not limited to food, cars, fantasy worlds, imaginary characters, science-fiction, history, etc.

HERITAGE - one entry per class number.

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

- 1) Exhibits are entered at 4-H's own risk. We will not be responsible for loss or damage to family heirloom items or any items.
- 2) Displays should not be larger than 22x28" wide. Display collections securely in an attractive container no larger than 22x28".
- 3) Exhibits must include Name, County, Age, and Past Experience (years in Explore Your Heritage projects) on the back of exhibit.
- 4) All entries must have documentation included.

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

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

Level I: Beginning (1-4 years in project)

- ***A-101-001.** Heritage exhibit or flat exhibit. Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation.
- ***A-101-002.** Family Genealogy/History Notebook - include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work.
- ***A-101-003.** Local History Scrapbook/Notebook -Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- ***A-101-004.** Framed family grouping (or individuals) of pictures showing family history. Pictures must be supported by a written explanation.
- ***A-101-005.** Other exhibits depicting the heritage of the member's family or community. Exhibit should be supported by a written explanation. May include biographical album of themselves or another family member, family cookbooks, etc.
- ***A-101-006.** 4-H History Scrapbook - Scrapbook relating 4-H History of local club or county. Must be work of individual 4-Her - no club project. If multiple books included in exhibit, only bring book with most current year's work.
- ***A-101-007.** 4-H History Poster - Poster relating 4-H history of local club or county or individual.
- ***A-101-008.** Story or illustration about a historical event.
- ***A-101-009.** Book review about local, Nebraska or regional history.
- ***A-101-010.** Other historical exhibits - attach an explanation of historical importance.
- ***A-101-011.** Family Traditions Book - exhibitor scrapbook depicting family traditions of the past.
- ***A-101-012.** Family Traditions Exhibit - Story or illustration of a family tradition or event. Exhibits must be supported by a written explanation.
- ***A-101-013.** 4-H Club/County Scrapbook - Scrapbook relating to 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.
- ***A-101-014.** 4-H Member Scrapbook-relating to individual 4-H members 4-H history. Only bring book with most current year's work.
- ***A-101-015.** Special Events 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.
- A-101-016.** Scrapbook or Scrapbook page (not computer generated)

Level II Advanced (Over 4 years in project)

- ***A-102-001.** Heritage poster or flat exhibit. Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation.
- ***A-102-002.** 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.
- ***A-102-003.** Local History Scrapbook/Notebook - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.

- *A-102-004.** Framed family groupings (or individuals) of pictures showing family history. Pictures should be supported by a written explanation.
- *A-102-005.** 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.
- *A-102-006.** 4-H History Scrapbook - Scrapbook relating 4-H history of local club or county (must be work of individual 4-Her, no club project). If multiple books included in exhibit, only bring book with most current year's work.
- *A-102-007.** 4-H History Poster - Poster relating 4-H history of local club or county or individual.
- *A-102-008.** Story or illustration about a historical event.
- *A-102-009.** Book review about local, Nebraska or regional history.
- *A-102-010.** Other historical exhibits - attach an explanation of historical importance.
- *A-102-011.** Exhibit depicting the importance of a community or Nebraska historic landmark.
- *A-102-012.** Community report documenting something of historical significance from past to present.
- *A-102-013.** Historic collection (displayed securely and attractively in a container no larger than 22" x 28".)
- *A-102-014.** 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)
- *A-102-015.** 4-H Club/County Scrapbook -Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.
- *A-102-016.** 4-H Member Scrapbook - Scrapbook relating to individual 4-H members 4-H history. If multiple books included in exhibit, only bring book with most current year's work.
- *A-102-017.** 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.

CITIZENSHIP & ENTREPRENEURSHIP

Superintendent Nikki Ferraro

CITIZENSHIP

- 1) The purpose of these exhibits is to foster civic responsibility and action within the diverse areas of citizenship including community service, service learning, government and policy making.
- 2) 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.
- 3) Displays should not be larger than 22x28" wide. If the size needs to be a different size because the item is larger than 22x28" please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22x28".
- 4) Supporting Material: All entries must have a statement explaining the purpose of the exhibit. Exhibitors are encouraged to show evidence of their personal experiences, study or observations that relate to their exhibit. This helps the judges understand what the 4-Her did and learned in the process that led to the exhibit.
- 5) 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). Entries should be labeled with exhibitor's name, club and county.
- 6) 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

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

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

CITIZENSHIP-one entry per class number.

- *A-120-001.** Care Package Display -about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster, Power Point or another multimedia program to tell about the PROCESS of developing and giving a care package to a service organization. You need to answer the following questions in your exhibit: How did you select the organization? What items did you include in your care package? Why did you select those items? How did it feel to present your care pack to the organization? What did you learn from this experience? Other information that you feel is important about the care package or organization. Some examples of care packages are: backpack for school supplies, litter pan for animal shelter items, suitcase for abuse shelter or homeless shelter, etc.
- *A-120-002.** Citizenship Game - could include but is not limited to symbol flashcards, 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.
- *A-120-003.** Patriotic or Cultural Fine Arts - can be made of any art media but should tie in the relevance of the artwork to citizenship.
- *A-120-004.** Public Adventure Scrapbook -should describe your Public Adventure or Service-Learning Activity. Scrapbooks must be no larger than 16x16".
- *A-120-005.** Public Adventure Poster - 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 24x28".
- *A-120-006.** Written or Recorded Stakeholder Interview - 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.
- *A-120-007.** Written Citizenship Essay is designed to promote good citizenship and patriotism. This essay is open to all age groups. All essays should be 300-400 typewritten words.

- *A-120-008.** For 9th - 12th Graders Only: Oral Citizenship Essay addressing the theme “Freedoms 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.
- *A-120-009.** Service Items - 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.
- *A-120-010.** 4-H Club Exhibit - should depict what a 4-H club has done in the area of community service. This item could include, but is not limited to, a service item, poster, scrapbook, cultural or creative arts item or care package, Quilt of Valor.

SEEING i2i-one entry per class number.

- *A-130-001.** Cultural Fine Arts can be made of any art media but should symbolize what makes them unique.
- *A-130-002.** 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.
- *A-130-003.** 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.
- *A-130-004.** 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
- *A-130-005.** Exhibit depicting a cultural food that is special to your family. Can be a story or essay.
- *A-130-006.** “This is Who I Am” poem-a poem written by the 4-H'er that reflects who they are.
- *A-130-007.** Poster that depicts what you have learned through the i2i Project.
- *A-130-008.** Biography about an historical figure who has made a positive impact on our society or who has made a difference in the lives of others.
- *A-130-009.** Play Script written about a different culture.

ESI: ENTREPRENEURSHIP INVESTIGATION - one entry per class number.

- 1) Entrepreneurship exhibits help participants develop an entrepreneurial mindset. An entrepreneurial mindset is needed to tackle social issues as well as explore new business opportunities
- 2) Exhibit Guidelines - The 4-H member's name and age must be on the back of the exhibit. If exhibit is a poster, it must be 14x22" 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.

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

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

- *F-531-001.** Interview an entrepreneur. Share what you learned from the person about having an entrepreneurial mindset. How have they applied that mindset? Have they started a business? Are they tackling a social issue? How do they deliver excellent customer service?. How will what you have learned through this interview change your future plans or ways of thinking about entrepreneurship? The summary of the interview should be typed and with a maximum length of two pages (12 pt. font). Enter exhibit in a folder with fasteners (no slide bars).
- *F-531-002.** Social Entrepreneurship Presentation- Prepare a five slide power point presentation about a social entrepreneurship venture to benefit a group or individual in your community. Social entrepreneurs are people who are in business to help others. Submit a print out of the note pages which show each slide and include an explanation of each slide. Enter exhibit in a folder with fasteners (no slide bars).
- *F-531-003.** Marketing Package (mounted on a 14x22" poster) must include at least three items (examples) developed by the 4-Her from the following list: business card, brochure, advertisement, business promotional piece, printout of an internet homepage, packaging design, signs, logo design, direct mail piece, etc. The marketing package should be for an original business developed by the 4-Her and not an existing business.
- *F-531-004.** Sample of an Original Product with an information (8½x11") answering the following questions: 1)What did you enjoy 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. Survey at least 10 people in your community about your project. 5)How much would you earn per hour? Show how you determined this figure. 6)What is unique about this product?
- *F-531-005.** Photos of an Original Product (mounted on a 14x22" poster) must include three photos of developed product and a mounted information sheet answering the following questions. If exhibiting in both Class F-531-004 and Class F-531-005, products must be entirely different products. 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 the 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. 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?
- *F-531-006.** Entrepreneurship Challenge–Take on the entrepreneurship challenge. Entrepreneurship Challenge is open to 4-Hers enrolled in any of the three units of ESI. Complete five (5) or more of the challenges from the following list. The exhibit will include highlights from these five (5) challenges. Consider labeling each challenge so the viewer will understand what the challenge was. Enter a poster,

video (or other digital presentation), report or scrapbook related to the learning from the challenge. Use your creativity to show and share what you learned.

Select your five (5) challenges from the list:

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

YOU DESIGN IT or 4-H AFTERSCHOOL - one entry per class number.

- 1) Exhibitors may use whatever means is most effective in showing what they have accomplished in a project they have planned themselves. Photographs, slides, posters, charts, drawings, or articles used or made may be utilized in telling the story of the exhibit.
- 2) The exhibit should include sufficient explanation so that viewers understand what was done. Maximum of two entries. Posters should have holes punched in the upper right and left corners for display purposes. Size limit 24"x24" maximum or must ask the Extension Office for prior approval (example: restoring an antique tractor, making a doghouse).

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50; Lime Afterschool Ribbon \$1.00

M-300-008. Self-determined project. You came up with an idea and researched it, then made an exhibit.

M-300-009. Inspired-determined project. You attended 4-H Afterschool, a workshop, or 4-H Camp and made the exhibit. Or a purchased kit.

M-300-010. Jr. 4-H camp projects, which will not fit in any other class.

PHOTOGRAPHY

Superintendent Nikki Ferraro

PHOTOGRAPHY -The purpose of this project area is to establish basic to advanced knowledge of and abilities in using photographic equipment, lighting, and composition to capture images, express feelings and communicating ideas. Participants can work through the three project levels, progressing from basic to advanced photography skills and techniques.

RULES:

- 1) 4-H members are allowed to exhibit in only one photography level.
- 2) An image may only be used on one exhibit with the exception of Portfolio which may include images entered in other classes.
- 3) Cameras-Photos may be taken with any type of film or digital camera, including phones, tablets, and drones.
- 4) Photos must be shot by 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.
- 5) Securely attach photos, mats, backing, and data tags. Exhibits that are poorly attached may be disqualified. Do not use photo corners, borders, or place coverings over the exhibits.
- 6) **Portfolios** - All portfolios must include the following information: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each photo. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image. Portfolios may be presented in either print or digital formats:
 - a) Printed portfolios should be presented in an 8.5x11 three-ring binder or similar book format. Recommended photo size is 8x10. Matting is not necessary.
 - b) Digital portfolios may be presented online and must be exhibited along with a single 8½x11 flyer. Flyers must include a link, URL, or QR code that takes users (judges and fairgoers) to their online portfolio.
- 7) **Display Exhibits** –Displays consist of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or matboard. 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 data tag rules).
- 8) **Print Exhibits** – All print exhibits for both Unit II and III must be 8x10 prints mounted in 11x14 (outside size) cut matting with a sandwich mat board backing. No foam board should be used for matting or backing. Mat openings may be rectangular or oval. Photos may be horizontal or vertical. No frames are allowed. Appropriate unit data tags are required (see data tag rules).
- 9) **Data Tags** – are required on all print and display exhibits. Data tags are not required for portfolios. Each exhibit must have the appropriate number and level of data tags as outline below. Data tags should be securely attached to the back of the exhibit. Current data tags and help sheet are available at <https://go.unl.edu/ne4h-photography>
 - 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

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

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

PHOTOGRAPHY BASICS- One entry per class number.

- 1) Get to know your camera; Practice keeping camera steady and level; Practice taking photos, noticing natural light; Notice shadows and their potential in photography; Practice using natural light from several different directions; Practice using flash for fill, solving red-eye problems; Evaluate background, middle-ground, and foreground when taking photos; Practice filling the frame with the subject; Practice eliminating background clutter in photos; Practice using different viewpoints and perspectives in photos; Compose creative, unusual photos; Compose variety of selfies; Take photos of people, places, and things; Sequence photos to tell a story; Create black and white photos; Evaluate photos using critical thinking

B-180-010. Picture display - entry will consist of five pictures (4x6 or 5x7). The 4-H member will exhibit ONE PICTURE FROM FIVE DIFFERENT CATEGORIES. Categories to be selected from include: 1) animal, 2) buildings, 3) people, 4) landscape, 5) special effects, 6) still life, 7) sports. Display must be mounted on a 14x22" poster board.

B-180-011. Picture Story Series - an entry will consist of a series of five to seven pictures which tell a photo story and should have a photographic introduction, a body, and a conclusion, all done with pictures. Each photograph should show a definite step. Display must be mounted on a 14x22" poster board. Imagination and variety are encouraged.

B-180-012. Photograms - an entry will consist of one photogram developed on 8x10" black and white photographic paper, mounted in 11x14" cut matting with sandwich backing. Entry will be judged on creativity, use of shapes, texture, black to white color variance, correct exposure, and composition.

B-180-013. Panorama Exhibit - Entry will consist of an arrangement of 3 or more pictures connected to show a wide angle of a subject. Panorama displays must be mounted on a horizontal 14x22" poster board. Pictures may have some overlap. Unwanted excess can be cropped.

B-180-014. Lighting Display - Entry will consist of 5 pictures. The 4-Her will exhibit one picture from 5 different photography techniques. Categories to be selected from include 1) backlighting, 2) diffuse lighting, 3) front lighting, 4) side lighting, 5) flash (artificial light). Display must be mounted on a 14x22" poster board.

B-180-015. Picture Display - Entry will consist of 5 pictures. The 4-Her will exhibit one picture from 5 different photography techniques. Categories to be selected from include 1) vertical framing, 2) horizontal framing, 3) close up, 4) different viewpoint, 5) trick photography, 6) simple background. Display must be mounted on a 14x22" poster board.

B-180-016. Building/Landscape Picture Display - entry will consist of 5 pictures of 5 different subjects which include buildings and landscape. Display must be mounted on a 14x22" poster board.

B-180-017. People/Animals Picture Display - entry will consist of 5 pictures of 5 different subjects which include people and animals. Display must be mounted on a 14x22" poster board.

B-180-018. Special Effects, Still Life, or Sports Picture Display - entry will consist of 5 pictures of 5 different subjects showing special effects, still life, and/or sports in any combination. Display must be mounted on a 14x22" poster board.

B-180-019. My Favorite Other Picture - any other favorite photo. Exhibit may range in size from 3x5" to 8x10" mounted in appropriate size cut matting (no frames) with a sandwich mat-board backing (not foam board).

B-180-020. Digitally Edited photo- Submit a 5x7 original photo and 5x7 edited photo on an 8½x11 poster board. State the program used to edit the photo.

The following exhibits may range in size from 3x5" to 8x10" mounted in appropriate size cut matting (no frames) with a sandwich mat-board backing (not foam board).

B-180-021. Fun with Shadows Display or Print-Photos should capture interesting or creative use of shadows

B-180-022. Get in Close Display or Print-Photo should capture a close-up view of the subject or object.

B-180-023. 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).

- B-180-024.** 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 flower pot, the pot might not be visible in the image, making it look as if the flowers are growing out of the person’s head.
- B-180-025.** 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.
- B-180-026.** 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.
- B-180-027.** 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.

NEXT LEVEL PHOTOGRAPHY- One entry per class number.

- 1) Level 2 photographers should be utilizing all the skills and techniques they have developed thus far in their photography careers, especially topics covered in Book 1 Photography Basics and Book 2 Next Level Photography.
- 2) Get to know your camera's capabilities using zoom; Practice using different lens filters; Practice using light to portray a specific mood; Practice taking photos of reflections; Practice taking photos without the flash feature on your camera; Practice using the Rule of Thirds and the Rules of the Golden Triangle and the Golden Rectangle; Practice taking photos from different points of view/perspectives; Practice creating photos with interesting negative spaces; Practice capturing unposed, candid shots of a subject or event; Practice taking photos of "bits and pieces" of ordinary objects to create a work of art; Practice using a camera to create a panorama; Use color to create photos that are cool warm, monochromatic, contrasting, and/or complementary; Practice taking photos with a specific purpose in mind to teach, instruct, or sell a product or service; Evaluate photos that represent body of work

***B-181-010.** 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) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each image. When writing reflections, youth should focus on what new photography techniques they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.

***B-181-020.** 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)

***B-181-030.** CREATIVE COMPOSITION DISPLAY OR PRINT: Photos should capture a creative composition using the Rule of Thirds, Golden Triangle, Golden Rectangle, or another composition technique covered in Book 2 Next Level Photography. (Activity 6, 7, 8, 9)

***B-181-040.** ABSTRACT PHOTOGRAPHY ACTION 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)

***B-181-050.** CANDID PHOTOGRAPHY DISPLAY OR PRINT: Candid photos should capture a special moment or meaningful interaction. Photos should be un-posed. (Activity 10)

***B-181-060.** EXPRESSION THROUGH COLOR DISPLAY OR PRINT: Photos should capture a creative use of color or a color scheme, such as complementary, contrasting, monochromatic, warm, cool, primary, secondary, or tertiary. (Activity 13)

MASTERING PHOTOGRAPHY- One entry per class number.

- 1) Level 3 photographers should be exploring and experimenting with advanced techniques. This may include but does not necessarily require using an SLR camera, manual adjustments, or other advanced equipment. Level 3 photographers should be utilizing all the skills and techniques they have developed throughout their photography career, especially topics covered in Book 1 Photography Basics, Book 2 Next Level Photography, and Book 3 Mastering Photography.
- 2) Get to know your camera's capabilities using the mode dial; Practice capturing a focal point understanding how camera equipment and depth of field effects the photo; Practice taking photos in low-light situations; Practice taking photos that help you get the correct exposure; Practice taking silhouettes; Practice composing photos that include geometric shapes and interesting framing; Practice composing photos that break photography "rules"; Practice taking still-life photos; practice capturing portraits showing a person's character and personality; Practice taking photos of interesting shapes, patterns, and textures; Practice capturing photos where the subject is in motion; Practice taking photos that are outside the normal limits: astrophotography, underwater, infrared; Practice creating creative joiners; Evaluate photos that represent body of work

***B-182-010.** 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) title for each image, 5) device make and model used to capture each image, and 6) reflections for each image. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.

- *B-182-020.** 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)
- *B-182-030.** ADVANCED COMPOSITION PRINT: Photos should show advanced compositions, such as using diagonal, horizontal, or vertical lines or repeating shapes to frame a subject or lead the viewers eye through a scene; breaking the rule of thirds to compose a discordant image; or another advanced composition technique covered in Book 3 Mastering Photography (Activity 6, 7)
- *B-182-040.** 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)
- *B-182-050.** 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)
- *B-182-060.** 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)

THEATER ARTS - one entry per class number.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

- M-300-001.** Costume - Made or decorated by 4-Her for use in a theater arts production. Costume could be for self or others. Include a written explanation of the following a) How has (or will) the costume be used in a theater arts production? b) What did you learn while making the costume? c) Did you encounter rewards/challenges while making this costume? If so, what were they?
- M-300-002.** Portfolio - A collection of photographs, sketches or other samples illustrating the theater arts learnings such as costume design, stage make-up, written scripts, set design or other related learnings.
- M-300-003.** Script - A script written by 4-Her for a play, musical, skit, puppet show or other type of theater arts production.
- M-300-004.** Acting Portfolio - A collection of photographs of the 4-Her acting in a play. Include a written description of the photos.

COUNTY CONTESTS

Shooting Sports Competition General Rules:

- 1) Each 4-H member **MUST** attend a minimum of four (4) meetings or practices in each discipline with a certified instructor to compete in that division at the fair.
- 2) **DRESS CODE** for all shooting sports: All youth and volunteers must wear long pants, closed toe shoes, long hair pulled back, no dangly jewelry for practices or competition. Farm Bureau 4-H t-shirt must be worn for all county fair competition
- 3) All firearms will be clean and in good working condition. Shooters are responsible for and must wear ear protection for .22 Rifle, Small Bore Pistol, and Shotgun. Safety glasses must be worn for all firearms events. Clear barrel indicators must be used in rifle and pistol. All ammunition must be separate from the firearm.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

INDOOR ARCHERY CONTEST- Superintendents Sara Umstead and Brian Thomas

- 1) Recurve and compound bows may be used. Only arrows with a field point (no broadheads). 4-H members must furnish their own arrows and need to bring a minimum of 6 arrows (club bows and arrows may be used). 4-H members may shoot in one class per competition.
- 2) Minimum age is 8 years as of 12-31-2023. Maximum age is 18 years as of 12-31-2024.
- 3) Indoor competition will consist of 60 arrows. An NFAA single or five spot (archer's choice) 40 cm target. Scoring shall be X, 5, 4, 3, 2, 1 from center out. Lines must be touched to count the next higher score. More detailed rules can be obtained from the Extension Office.

Indoor Junior 8-11 years

- M-450-001.** Barebow (BB) – no device used (includes Genesis bows).
- M-450-002.** BowHunter Freestyle (BHFS) - devices used such as sights, stabilizers no longer than 12", or mechanical releases.
- M-450-003.** Freestyle (FS) – devices used such as sights, stabilizers, or mechanical releases.
- M-450-004.** Freestyle Limited (FSL) - devices used including sights and stabilizers. No releases.
- M-450-005.** Olympic Recurve (OR) - any recurve bow with sights, stabilizers, clickers, etc.

Indoor Intermediate 12-14 years

- M-450-006.** Barebow (BB) – no device used (includes Genesis bows).
- M-450-007.** BowHunter Freestyle (BHFS) - devices used such as sights, stabilizers no longer than 12", or mechanical releases.
- M-450-008.** Freestyle (FS) – devices used such as sights, stabilizers, or mechanical releases.
- M-450-009.** Freestyle Limited (FSL) – devices used including sights and stabilizers. No releases.
- M-450-010.** Olympic Recurve (OR) - any recurve bow with sights, stabilizers, clickers, etc.

Indoor Senior 15-18 years

- M-450-011.** Barebow (BB) – no device used (includes Genesis bows).
- M-450-012.** BowHunter Freestyle (BHFS) - devices used such as sights, stabilizers no longer than 12", or mechanical releases.
- M-450-013.** Freestyle (FS) – devices used such as sights, stabilizers, or mechanical releases.
- M-450-014.** Freestyle Limited (FSL) – devices used including sights and stabilizers. No releases.
- M-450-015.** Olympic Recurve (OR) - any recurve bow with sights, stabilizers, clickers, etc.

BB GUN CONTEST- Superintendents Phillip Johnson and Matt Douglass

- 1) BB Guns are defined as: Any spring or air powered gun that shoots BB's. Must be smooth bore, weigh six (6) pounds or under, open sights and will be shot at 5 meters. Multi pump guns can only be pumped three (3) times. Members are encouraged to use their own firearms. County guns will be available to use if needed. Course of Fire-five (5) minutes for sighting in (unlimited shots), 10 shots prone, 10 shots standing, 10 shots kneeling, 10 shots sitting (Total of 40 shots) 10-minute shooting time for each position. NRA AR-4/10 target will be used.
- 2) Minimum age is 8 years as of 12-31-2023. Maximum age is 18 years as of 12-31-2024. If you compete in the BB gun contest, you cannot compete in Small Bore (.22) Rifle contests or vice versa.

M-400-001, Junior 8-11 years

M-400-002, Intermediate 12-14 years

M-400-003, Senior 15-18 years

AIR RIFLE CONTEST- Superintendents Phillip Johnson and Matt Douglass

- 1) Air Rifle is defined as: Any open sighted hand pump or CO2 air rifle with or without rifling in the barrel that uses .177 caliber pellets under 600 fps. Multi pump guns can only be pumped 5 times. Targets will be shot at 10 meters. Members are encouraged to use their own firearms. The county guns will be available to use if needed. Course of Fire—five (5) minutes for sighting in (unlimited shots), 10 shots prone, 10 shots standing, 10 shots kneeling, 10 shots sitting (Total of 40 shots) 10-minute shooting time for each position. NRA AR-5/10 will be used.
- 2) Minimum age is 8 years as of 12-31-2023. Maximum age is 18 years as of 12-31-2024.

M-410-001, Junior 8-11 years

M-410-002, Intermediate 12-14 years

M-410-003, Senior 15-18 years

AIR PISTOL CONTEST- Superintendents Phillip Johnson and Matt Douglass

- 1) Air Pistols are defined as: Any open sight hand pump or CO2 pistol that shoots .177 caliber pellet at 600 fps or less. Members are encouraged to use their own firearms. The county guns will be available to use if needed. Courses of Fire-five (5) minutes for sighting in (unlimited shots), 40 shots total (five at each bull) at 10 meters shot from the basic supported position. NRA B-40/4 target will be used.
- 2) Minimum age is 8 years as of 12-31-2023. Maximum age is 18 years as of 12-31-2024.

M-420-001, Junior 8-11 years

M-420-002, Intermediate 12-14 years

M-420-003, Senior 15-18 years

SHOTGUN CONTEST- Superintendents Craig Nelson & Aaron Heins

- 1) 4-H members will shoot five (5) blue rocks from each of the five (5) posts for a total of twenty-five (25) blue rocks. They may use shotgun (gauge) of their choice.
- 2) Youth must be 11 years old or older by December 31, 2023.

M-440-001, Junior 11-14 years

M-440-002, Senior 15-18 years

HUNTING SKILLS CONTEST

1. Wildlife ID: May include but not limited to identification of bones, wings, furs, tracks, scat, sound.
2. Hunter Scenarios: May include but not limited to “shoot, don't shoot” scenarios, hunting regulations, habitat.
3. Archery 3D: Need a minimum of four (4) practices with a certified Archery Instructor.
4. Youth must have 4 practices with a certified 4-H hunting skills instructor.

M-460-001, Junior 8-11 years

M-460-002, Intermediate 12-14 years

M-460-003, Senior 15-18 years

OUTDOOR ARCHERY CONTEST- Superintendent Aaron Blanchard

- 1) Outdoor competition will consist of 30 arrows. Juniors will shoot from 5-30 yards, Intermediates will shoot from 5-40 yards, Seniors will shoot from 5-50 yards. Targets may include 3D and other varying target faces. More detailed rules can be obtained from Extension Office.
- 2) Time limit for finding lost arrows will be two minutes.

Outdoor Junior 8-11 years

M-450-016, Barebow – no device used (includes Genesis bows)

M-450-017, Bow Hunter Freestyle (BHFS) - devices used such as sights, stabilizers no longer than 12”, or mechanical releases.

M-450-018, Freestyle – devices used such as sights, stabilizers, or mechanical releases.

M-450-019, Freestyle Limited – devices used including sights and stabilizers. No releases.

M-450-020, Olympic Recurve - any recurve bow with sights, stabilizers, clickers, etc.

Outdoor Intermediate 12-14 years

M-450-021, Barebow – no device used (includes Genesis bows)

M-450-022, Bow Hunter Freestyle (BHFS) - devices used such as sights, stabilizers no longer than 12”, or mechanical releases.

M-450-023, Freestyle – devices used such as sights, stabilizers, or mechanical releases.

M-450-024, Freestyle Limited – devices used including sights and stabilizers. No releases.

M-450-025, Olympic Recurve - any recurve bow with sights, stabilizers, clickers, etc.

Outdoor Senior 15-18 years

M-450-026, Barebow – no device used (includes Genesis bows)

M-450-027, Bow Hunter Freestyle (BHFS) - devices used such as sights, stabilizers no longer than 12”, or mechanical releases.

M-450-028, Freestyle – devices used such as sights, stabilizers, or mechanical releases.

M-450-029, Freestyle Limited – devices used including sights and stabilizers. No releases.

M-450-030, Olympic Recurve - any recurve bow with sights, stabilizers, clickers, etc.

SMALL BORE (.22) RIFLE CONTEST

- 1) NRA .22 silhouette targets will be shot in the standing position 10 – Rams at 100 meters or 109 yards 13 in., 10 – Turkeys at 77 meters or 84 yards 7.5 in., 10 – Pigs at 60 meters or 65 yards 22 in., 10 – Chickens at 40 meters or 43 yards 26 ¾ in. Only .22 long rifle ammunition can be used. Hot loads, such as “stinger” are not permitted. Any sights, telescopic or metallic may be used. Trigger guard must be present. The barrel cannot exceed 30” from face of closed bolt to end of barrel. 2½ minutes for 5 shot intervals.
- 2) Youth must be 11 years old or older by December 31, 2023. If you compete in small bore (.22) contests you cannot compete in the BB gun contest, or vice versa.

M-430-001, Junior 11-14 years-Open Sights

M-430-002, Junior 11-14 years-Scope

M-430-003, Senior 15-18 years-Open Sights

M-430-004, Senior 15-18 years-Scope

SMALL BORE (.22) PISTOL CONTEST

- 1) Paper targets will be shot in the standing unassisted stance slow fire procedure at 50 feet. Only .22 long rifle ammunition can be used. Hot loads, such as “stinger” are not permitted. Open sights. Each shooter will be allowed 10 minutes of sight in (unlimited shots) and prep time before 10 competition shots. NRA B-2 targets will be used.
- 2) Youth must be 11 years old or older by December 31, 2023. If you compete in small bore (.22) contests you cannot compete in the BB gun contest, or vice versa

M-430-005, Junior 11-14 years

M-430-006, Senior 15-18 years

COMMUNICATION CONTEST- one entry per class number.

- 1) All presentation topics should be related to what the 4-H youth is learning through 4-H educational experience.
- 2) Acknowledge the source of information used in the project. 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.
- 3) Additional information or resources may be found at <https://4h.unl.edu/premier-communication-event-contests>.
- 4) All speeches must be original and include 4-H as the major component of the speech. 4-H public speakers may not use the old speech written by a sibling, another 4-H member, or anyone else.
- 5) Each participant is required to wear the Farm Bureau 4-H t-shirt or 4-H emblem on their name tag, provided

PREMIUMS: Purple \$4.00; Blue \$3.00; Red \$2.00; White \$1.00

Prepared Speech-The Prepared Speech contest provides youth the opportunity to write and prepare a speech on a topic related to their 4-H experience. The judge will view the speech and evaluate based on the subject, organization, and delivery of the speech.

- 1) NO visual aids or props are allowed. No team entries are allowed.

***M-490-001**, Junior 8-9 years; 1-3 minutes

***M-490-002**, Intermediate 10-13 years; 3-5 minutes

***M-490-003**, Senior 14-18 years; 5-8 minutes

PSA - Radio Public Service Announcement- challenges youth to write and record a 60-second promotional audio recording focused on a yearly theme that could be played on the radio to promote the work of Nebraska 4-H. Youth are judged on their overall organization and delivery of the PSA.

- 1) All PSAs are 60 seconds in length and must promote 4-H and be general enough to be used anywhere in Nebraska any time of the year.
- 2) Prepare around the theme “**Discover Your Spark in Nebraska 4-H!**”
- 3) Each PSA must include the following tagline with the last 10 seconds of the full 60 seconds, “**Learn more about the Nebraska Extension 4-H Youth Development Program at 4h.unl.edu.**”
- 4) Sound effects and public domain music may be used. Copyrighted material may not be used.
- 5) All PSA’s must be the original work of the presenter. No team PSAs are allowed.

***M-490-004**, PSA - Public Service Announcement

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

- 1) Presenters using computer-based visuals may bring files on a USB drive that is PC formatted. Participants provide their own computer or other equipment as needed.
- 2) 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).

***M-490-005**, Illustrated Presentation Individual; 6-8 minutes

***M-490-006**, Illustrated Presentation Team of Two; 8-10 minutes

Impromptu Speech- gives youth the opportunity to write and present a speech around a 4-H-related topic that they select during the competition, where they are given 15 minutes to develop and prepare for their presentation. Judges evaluate the subject, organization, and delivery of the speech.

- 1) Youth have the opportunity to write and present a speech around a 4-H-related topic that they select during the competition, where they are given 15 minutes to develop and prepare for their presentation. Judge evaluates the subject, organization, and delivery of the speech.

- 2) Only individuals may compete in this class; no team entries are allowed.
- 3) On the day of the contest, participants will have a topic randomly selected for them. Youth will have no more than 15 minutes to develop a speech on the selected topic. Participants will then deliver the speech to judges and audience members. Example topic: My Day in 4-H

M-490-007, Junior Division (ages 8-9): 1-3 minutes

***M-490-008**, Intermediate Division (ages 10-13): 3 minutes

***M-490-009**, Senior Division (ages 14-18): 5 minutes

Video Communication- allows youth to create a multi-media video around a theme related to 4-H. Judges will be evaluating on both the organization of information as well as the audio and video production.

- 1) Length: 60-90 seconds
- 2) Only individuals may compete in this class; no team entries are allowed.
- 3) Youth may use a phone, laptop, or tablet to create a multi-media piece around the theme: **Discover Your Spark in Nebraska 4-H!**
- 4) Sound effects, public-domain music, and graphics can be used. Copyrighted materials may not be used

***M-490-010**, Video Communication

PERFORMING ARTS CONTEST - only two (2) entries per youth.

- 1) Each participant will wear the Farm Bureau 4-H t-shirt or performance outfit with a 4-H chevron on their name tag, provided.
- 2) Groups may not use identification of a specific club, county, or organization other than 4-H. Each group must have three or more participants; all must be 4-H members. Clover Kids are ineligible for incentives and any champion awards.
- 3) Time - each group is allowed two minutes after the cue from the contest chairperson to arrange themselves on stage and begin performing. Props are not encouraged, but if used, must be in place within the time limit. The performance of each group is limited to six minutes.
- 4) Selection - any number of songs must be within the six-minute time limit.
- 5) Accompaniment - Performing groups must bring their own CD if recorded accompaniment is used. Other song groups may be accompanied by piano, guitar, or other instruments (These items must be provided by the 4-H Member). Live accompaniment, if used, may be by a 4-H member, parent, or leader. If more than one adult accompanies the group, point deductions will be made.
- 6) Song groups may appear with or without a director. The director of the group must be a 4-H member/volunteer.

PREMIUM: Purple \$5.00; Blue \$4.00; Red \$2.50; White \$1.50

M-470-001, Variety Group - all performing arts, can be skits, readings, musical performances, pantomimes, etc. within the 6-minute limit.

M-470-002, Variety Solo - all performing arts, can be skits, readings, musical performances, pantomimes, etc. within the 6-minute limit.

M-470-003, Variety Duet - all performing arts, can be skits, readings, musical performances, pantomimes, etc. within the 6-minute limit.

BICYCLE RODEO CONTEST- Superintendent Jen Myers

- 1) Each participant is required to wear the Farm Bureau 4-H t-shirt.
- 2) Each participant must bring a bicycle to participate. A bicycle may be shared between participants.



Contest Entries

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

Control Riding: the course will be about 60 ft. in length and 6" in width. The boundaries will be blocks placed 3 ft. apart in line. One second will be added to time for each block moved.

M-510-001, Junior 8-11 years

M-510-002, Senior 12-18 years

Slalom: ride a zig zag course between 6 poles placed about 30 ft. apart in line. Loss of control of bike adds 2 seconds for each time. Rider's feet may not touch the ground but do not have to remain on the pedals. Add 2 seconds each time feet touch the ground.

M-510-003, Junior 8-11 years

M-510-004, Senior 12-18 years

Bike Balance: the course will be about 60 ft. in length and 6" in width. The boundaries will be blocks placed 3 ft. apart in line. Slowest time is the best. Deduct 1 second for each block moved. Rider's feet may not touch the ground but do not have to remain on the pedals. Deduct 2 seconds for each time feet touch the ground.

M-510-005, Junior 8-11 years

M-510-006, Senior 12-18 years

Figure 8: the course will be about 150 ft. long. The rider will make a figure 8, ride about 50 ft., make a figure 8, ride another 50 ft., make a figure 8, ride another 50 ft. and cross the finish line. (Must make 3 figure 8's.) Rider's feet may not touch the ground but do not have to remain on the pedals. Add 2 seconds to the time for each time the feet touch the ground. Add 10 seconds for each incorrect figure 8.

M-510-007, Junior 8-11 years

M-510-008, Senior 12-18 years

ICE CREAM CONTEST- one entry per class number.

- 1) Entry may be ice cream in a bag or can.
- 2) Ice and rock salt are provided. Recipe is available at the Extension office.
- 3) 4-H Members must measure the ingredients, without help, in front of the judge. Someone may help roll the can for can ice cream.
- 4) Each participant is required to wear the Farm Bureau 4-H t-shirt.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.75

M-560-001, Junior 8-11 years

M-560-002, Senior 12-18 years

LIVESTOCK JUDGING CONTEST- Superintendents Payden Woodruff & Darcy Ray

- 1) 4-Hers are eligible to participate in the Livestock Judging Contest regardless of project enrollment.
- 2) No assistance allowed. No dress code required.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

M-480-001. Junior 8-9 years

M-480-002. Intermediate 10-13 years

M-480-003. Senior 14-18 years

M-480-004. FFA Age 14-21 (not eligible for awards)



Contest Entries

CLOVER KIDS PROJECTS Superintendent 4-H Jr. Leaders

Clover Kids Guidelines:

- 1) The 4-H Clover Kid Program is for youth between 5 - 7 years of age by January 1 of the current calendar year. Clover Kid exhibitors must be enrolled in a 4-H club or as an individual 4-H member by the enrollment deadline.
- 2) Clover Kids may exhibit at the County Fair and participate in 4-H contests receiving special rainbow ribbons. Since all classes are non-competitive, they will not be eligible for participation in the 4-H Livestock Sale, State Fair and will not be considered for any incentive, championship, trophy, medal or plaque competition on an individual basis. They will be considered as part of a club or group competition in such activities as Herdsmanship, or Performing Arts Contest.

Rainbow ribbons will be awarded with a premium of \$1.00.



Clover Kid Entries

ANIMAL SCIENCE

Clover Kid animal exhibits **are to be no more than six months of age AND no more than 350 pounds at time of show.** Age, size, and temperament of animal projects must be appropriate for the exhibitor's age and size. ID Sheets on all animals you want to show must be turned in by June 15. Clover Kids can share an animal with another 4-H/FFA member or show their own animal.

ANIMAL SHOWMANSHIP- Please refer to showmanship rules on page 6 Only one entry per class number.

CK100-01. Dog

CK100-02. Cat

CK100-03. Hog

CK100-04. Rabbit

CK100-05. Poultry

CK100-06. Goat

CK100-07. Sheep

CK100-08. Companion Animal

CK100-09. Calf under six months of age, under 350 pounds and halter broke

CK100-10. Calf Story

EXPLORING FARM ANIMALS-Only one entry per class number.

CK100-11. Critter Drawing - On 8½x11" paper, draw an animal and identify the body parts.

CK100-12. Animal Story or Scrapbook - Handwritten and/or photo story telling how you care for an animal. You may include art pictures of feeds that it eats and shelter that it needs Display in a notebook/binder.

CK100-13. Animal Sculpture - Make a sculpture of your favorite animal using any type of modeling medium (i.e., clay, playdough, breaddough, etc.).

CK100-14. Mobile - Make a mobile from one group of animals by cutting and hanging pictures that fit the selected group. Examples of a group include animals with fur, animals that swim, animals that have feathers, etc.

CK100-15. Create a Critter - Create a critter from parts of animals cut from magazines or drawings.

CK100-16. Display - Display specialized animal parts and tell the purpose of each part.

CK100-17. Animal Collage

CK100-18. Poster - Identify body parts of an animal.

CK100-19. Poster - Identify feeds that an animal eats.

OUTDOOR SKILLS or JUST OUTSIDE THE DOOR- Learning Science in the outdoors - Only one entry per class number.

CK100-20. Bird Feeder

CK100-21. Picture - Use items from a nature hike to design a picture.

CK100-22. Nature Bracelet

CK100-23. Frog Call

CK100-24. Scent Painting

CK100-25. Wildlife Plate/Food Wheel

CK100-26. Water Pictures - On 8½x11" paper show what you have learned about water (any medium).

CK100-27. Growing Seed - A seed you planted - can be in any small container.

CK100-28. Insect Life Mobile - directions on page 20 of the leader manual. (Bug Carrier)

CK100-29. Insect Model - create your very own insect using any kind of non-edible medium and include all parts of the insect: 6 legs, one pair of antennae and three body sections.

CK100-30. Seed Medallion - use a 4-inch circle of cardboard and any kind of seeds to make medallion - use string, yarn, or other material.

CK100-31. Sailboats - use any type of medium to create a small sailboat that can really float.

CK100-32. Treasure Hunt collage - on an 11x14 poster board, make a collage of items you collected outdoors.

SAFETY-Only one entry per class number.

CK100-33. Bicycle Helmet Story - On 8½x11" paper tell why bicycle helmets are important. Can include a colored picture or photo.

CK100-34. Hand Signals Poster - On 8½x11" paper draw and label the three hand signals.

CK100-35. Safe Riding Poster - On 8½x11" paper draw three safe riding practices.

CONSUMER AND FAMILY SCIENCE-Only one entry per class number.

CK100-36. Decorate Your Duds - One garment that the Clover Kid helped decorate.

CK100-37. Decorate Your Duds Accessory- One accessory that the Clover Kid helped decorate.

CK100-38. Fashion Revue- Decorate Your Duds (will model 4-H Night on Tuesday, July 25).

HOME ENVIRONMENT: A Space for Me - Only one entry per class number.

CK100-39. Treasure Board

CK100-40. Storage Box or Container

CK100-41. Pencil Holder

CK100-42. Decorated Laundry Bag or Hamper

CK100-43. Draft Stopper

CK100-44. Painted Picture or Picture Frame

CK100-45. Scratch Art

CK100-46. Wall Hanging

CK100-47. No Sew Pillow

CK100-48. Pizza Color Wheel

CITIZENSHIP- Family Celebrations Around the World – Only one entry per class number.

CK100-49. Name Art - On 8½"x11" paper create your name using different materials. See page 5 in leader's manual.

CK100-50. Mexican Piñata - Instructions on page 8 of leader's manual. Exhibit without candy and attach to a clothes hanger.

CK100-51. Japanese Hat - Instructions on page 12 of leader's manual.

CK100-52. China Dolls - Instructions on page 11 and 14 of the leader's manual.

CK100-53. Carp Kite - Instructions on page 15 of the leader's manual.

CK100-54. Mother's Day/Father's Day/Grandparents Day Mini Poster - Using half a sheet of poster board (11x14"), design a mini poster about your mom, dad, grandfather/mother and you. A story, poem or picture may be used.

CK100-55. May Basket - Make a May basket you could give to a special friend.

CK100-56. 4th of July - On 8½"x11" paper make the U.S. flag using medium of choice.

THEATER ARTS I- Only one entry per class number.

CK100-57. Homemade Puppet - Any puppet will work. **CK100-58.** Picture Story drawn on 8½"x11"

CK100-59. Costume or picture of child in a costume.

PHOTOGRAPHY- Photos must be taken by the 4-H Clover Kid. Print off a picture at least by 4x6, and no larger than 8x10. Glue to an 8½"x11" piece of paper and label at the top the category. You are welcome to write about the picture on the backside of cardstock or posterboard.

CK100-60. A Selfie alone or with someone

CK100-61. A pet or animal picture

CK100-62. A vacation or adventure picture

CK100-63. Any picture taken.

MY GREEN THUMB-

CK100-64. Vegetables- may enter up to 3 vegetables that the Clover Kid helped grow found on page 32-33.

CK100-65. Flowers- may enter up to 3 flowers that the Clover Kid helped grow found on page 34-35.

CK100-66. Houseplants - may enter any plant the child grows indoors.

AEROSPACE-Only one entry per class number.

CK100-67. Rocket Drawing - On 8½"x11" paper draw a rocket. Label the three main parts.

CK100-68. Plane Drawing - On 8½"x11" paper draw your favorite plane.

CK100-69. Paper Flyers - Make your favorite kind of paper flyer (airplane, helicopter, rocket, or any other flying machine).

CK100-70. Marshmallow Rocket - Exhibit rocket with parts labeled. For instructions, see manual, page 4.

CK100-71. Space Helmet - Use a gallon milk jug to design a space helmet.

ROAD TO GOOD COOKING- Only one entry per class number.

CK100-72. Oatmeal Cookies (4)

CK100-73. Cookies (any recipe) (4)

CK100-74. Peanut Butter Cookies (4)

CK100-75. Biscuits or Muffins (4)

MAKING FOODS FOR ME- Only one entry per class number.

CK100-76. Placemat-Colored and decorated. Lamination or protection is advised. (Center page in Save a Place for Me project book).

CK100-77. Food Cards-Neatly cut and color Food Cards, in self-sealing plastic bag or other secure container.(Pages 67-69 Leader's Guide)

CK100-78. Grain Collage-Neatly cut and pasted pictures of grains cutout and displayed on collage. (Page 40 Leader's Guide).

CK100-79. Dairy Tasting Party-Completed Dairy Tasting Party form from Project Book (Page 17). May be copied or cut from manual.

CK100-80. Protein Collage-Neatly cut and pasted pictures of protein sources and foods displayed on collage.(Page 53 of Leader's Guide).

CK100-81. Healthy Snack – Four cookies, bars, muffins, etc., on a paper plate, or at least 1 cup of mix. (examples might include: snack mix made from a cereal base, no-bake or simple cookie or granola bar).

CK100-82. Miscellaneous-Choose UP TO THREE completed items made during the current 4-H year not specifically listed, which was developed in a Clover Kids project.

CLOVER KIDS CONTESTS

CK100-83. Livestock Judging-Please refer to page 66 for rules. (may receive help from an adult or older 4-Her).

CK100-84. Ice Cream Roll-Refer to page 66 for rules (may receive help from an adult or older 4-Her).

CK100-85. Performing Arts-Refer to page 64 for full contest rules. Clover Kids may perform a solo or with a group.

CK100-86. Communication Contest-Please refer to page 64 for rules. Recite a poem, the 4-H Pledge, or Pledge of Allegiance

CK100-87-90. Bicycle Rodeo -Please refer to page 65 for course details.

FFA FARM SHOP

One entry per class number.

FFA members will exhibit their livestock, crops, and plant science with the 4-H Club Members. NO double or dual entries with 4-H.

Judging of FFA shop projects will be on the following basis:

Construction and workmanship	50 points
Utility and design	30 points
Material finish	20 points

PREMIUM: Purple \$5.00; Blue \$4.00; Red \$3.00; White \$2.00

FFA100-01. Large Carpentry - Limited to 3 projects per entry number. Projects shall consist of the following: feed bunks, 12' or more; sheds; hog houses; picnic tables; workbenches, 12' or over, etc. Built in the Ag Ed shop.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

FFA100-02. Small Carpentry - Limited to 3 projects per entry number. Projects built in the Ag Ed shop shall consist of nail boxes, sawhorses, show boxes, dog houses, small feed bunks, or workbenches, etc.

PREMIUM: Purple \$5.00; Blue \$4.00; Red \$3.00; White \$2.00

FFA100-03. Large Metal - Limited to 3 projects per entry number. Shall consist of the following examples: pipe trailer, stock trailer, gas barrel stand, power unit trailer, gates, 4' or longer, etc. Built in the Ag Ed shop.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

FFA100-04. Small Metal - Limited to 3 projects per entry number. Projects shall consist of welding tables, gates (under 4'), car ramps, etc. Built in the Ag Ed

PREMIUM: Purple \$5.00; Blue \$4.00; Red \$3.00; White \$2.00

FFA100-05. Combination Project - Limited to 3 per entry number. Projects built in the Ag Ed Shop shall consist of wagons, loading chutes, carts, 3 pt. hog carriers, etc.

PREMIUM: Purple \$5.00; Blue \$4.00; Red \$3.00; White \$2.00

FFA100-06. Farm Machinery Rebuilding or Construction - Limited to 3 projects per entry number. Farm machinery that has been re-built or constructed in the supervised Ag Ed Program.

PREMIUM: Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

FFA100-07. Arc Welding - Limited to 1 entry per entry number. An entry shall consist of 6 different arc welds arranged on a display board.

FFA100-08. Gas Welding - Limited to 1 display board per entry number. An entry shall consist of 6 different gas welds.

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

FFA100-09. Forge Projects - Limited to 3 projects per entry number. Projects made using the forge in the supervised Ag Ed Program.

FFA100-10. Metal Lathe Project - Limited to 3 projects per entry number. Projects made using the metal turning lathe in the supervised Ag Ed Program

OPEN CLASS DEPARTMENT

RULES AND REGULATIONS:

1. Open class entries should be made on Sunday, July 28, 1:00-4:00. No entries will be accepted after this time.
2. Articles shown at previous fairs or not handcrafted by the exhibitor will not be eligible for exhibit.
3. Out of county exhibitors are not eligible for best in county award.
4. Exhibit buildings will be open Monday, Tuesday and Wednesday from 8 a.m.-9 p.m.
5. Open class exhibits will be released from 8-10 a.m. on Thursday. Premiums will be paid on Thursday morning. **No premium will be mailed.**
6. 1st place premium will be awarded (if warranted) even if there is only one entry in that particular class.
7. All ages are eligible for entering in open class. Be sure to check rules for entering items in specific classes.

****ALL OPEN CLASS PREMIUMS WILL BE PAID THURSDAY MORNING. EXHIBITS MUST BE PICKED UP BY THURSDAY, 10 A.M., AUGUST 1, 2024 OR THEY WILL BE DISCARDED****

LOT/SECTION 35 FARM PRODUCE- Miriam Wells, Superintendent

- Judges will place awards on the basis of merit. They will be instructed to use the group method similar to the plan followed by the Nebraska State Fair, whereby exhibits of nearly equal merit will receive equal ribbons. **Purple -superior, Blue - excellent, Red - good, and White will denote an exhibit of lower quality.**
- Awards will be given according to the rules and regulations set forth in this premium list. The judge's decision will be final in all classes.
- Exhibits should be selected for type, uniformity, quality, and maturity.
- Do not select the largest overgrown specimen or the small ones but the medium size that shows adaptations to this locality and suitability for market.
- All exhibits must be raised by the exhibitor and grown the same year.
- **NO EXHIBITOR WILL BE ALLOWED MORE THAN ONE ENTRY FOR EACH ENTRY NUMBER.**
- All exhibits must be true to entry as to variety and classification, otherwise they may be changed by the judge and superintendent.

Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

EAR CORN - 10 ears

- | | | | | |
|---------------------|--------------------|----------------------|---------------------|-------------------|
| 1-Early yellow dent | 2-Late yellow dent | 3-Early white dent | 4-Late white dent | 5-Other, dent |
| 6-Sweet early white | 7-Sweet late white | 8-Sweet early yellow | 9-Sweet late yellow | 10-Other, sweet |
| 11-Popcorn, white | 12-Popcorn, yellow | 13-Popcorn, red | 14-Popcorn, blue | 15-Other, popcorn |

SHEAF DISPLAY-Grain and forage sheaves must not be less than 3" in diameter at the center of banded portion.

- | | | |
|--|------------------------------|-------------------------------|
| 16-Hard Red Winter Wheat, shown without leaves | 17-Rye, shown without leaves | 18-Oats, shown without leaves |
| 19-Soybeans, leaves permitted on the top one third. Stalks cut at ground level | 20-Alfalfa any cutting | |
| 21-Any Sweet Clover before bloom stage | 22-Red Clover | 23-Alsike Clover |
| 24-Big Bluestem | 25-Little Bluestem | 26-Indian grass |
| | | 27-Switch grass |

TAME GRASSES

- | | | | | | |
|---------------|------------------|-----------|-----------------|---------------|-----------------|
| 28-Bromegrass | 29-Blue stem | 30-Indian | 31-Inter. Wheat | 32-Orchard | 33-Reeds canary |
| 34-Sand love | 35-Slender wheat | 36-Switch | 37-Tall fescue | 38-Tall wheat | 39-Other |

NATIVE GRASSES-All native grass sheaves must be 1" in diameter at middle band.

- | | | | | | |
|---------------|------------------|------------------|------------|--------------------|----------|
| 40-Blue Grama | 41-Buffalo grass | 42-Crested wheat | 43-Red Top | 44-Side oats grama | 45-Other |
|---------------|------------------|------------------|------------|--------------------|----------|

STALK DISPLAY-Four stalks, each display.

- | | | |
|--|--|--|
| 46-Grain Sorghum, red or bronze, with leaves | 47-Grain Sorghum, yellow or cream, with leaves | 48-Yellow Popcorn |
| 49-White Popcorn | 50-Early Yellow corn | 51-Early White corn |
| 52-Ornamental Corn | | |
| 53-Other corn | 54-Other popcorn | 55-Forage sorghum |
| | | 56-Sunflower (two heads with a 1 ft. stem) |

LOT/SECTION 36 GARDEN Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

ROOT CROPS-Root crops must be cleaned. Suggested to wash but not scrub. Please no buckets of Potatoes.

- | | | | | |
|------------------------|----------------------|---------------------------|----------------------|---------------------|
| 1-Beets, sugar (5) | 2-Beets, table (5) | 3-Carrots, long (5) | 4-Carrots, short (5) | 5-Onions, white (5) |
| 6-Onions, red (5) | 7-Onions, yellow (5) | 8-Onion, sets (1 qt.) | 9-Onions, Winter | 10- Parsnips (5) |
| 11-Potatoes, white (5) | 12-Potatoes, red (5) | 13-Potatoes, yellow (5) | 14-Radishes (12) | 15-Turnips (5) |
| 16-Largest onion | 17-Garlic (5) | 18-Other variety (1 gal.) | | |

VEGETABLES

- | | | | | |
|--------------------------|------------------------|---------------------------|----------------------|---------------------------|
| 19-Beans, green (12) | 20-Beans, Lima (12) | 21-Beans, Yellow (12) | 22-Broccoli, (2) | 23-Brussel sprouts (5) |
| 24-Cabbage (1) | 25-Cabbage, red (1) | 26-Largest Cabbage | 27-Cauliflower (1) | 28-Eggplant, Japanese (2) |
| 29-Eggplant, regular (2) | 30-Kohlrabi, green (5) | 31-Kohlrabi, purple (5) | 32-Okra (5) | 33-Purple Bell Pepper (2) |
| 34-Pepper, bell (2) | 35-Pepper, hot (5) | 36-Pepper, jalapeno (5) | 37-Pepper, sweet (2) | 38-Rhubarb (5) |
| 39-Swiss Chard (5) | 40-Tomato, pink (5) | 41-Tomato, preserving (5) | 42-Tomato, red (5) | 43-Tomato, yellow (5) |
| 44-Tomato, cherry (5) | 45-Kale | 46-Spinach | 47-Other | |

VINE CROPS

- 48-Cantaloupe (1) 49-Collection of gourds 50-Cucumber, pickling (5) 51-Cucumber, slicing (2) 52-Muskmelon, round (2)
- 53-Pumpkin (1) 54-Pumpkin, sugar or pie (2) 55-Pumpkin, mini, white (2) 56-Pumpkin, mini, orange (2) 57-Squash, Zucchini (2)
- 58-Squash, Spaghetti (2) 59-Squash, Butternut (2) 60-Squash, Buttercup (2) 61-Squash, Banana (2)
- 62-Squash, Acorn (2) 63-Squash, Hubbard 64-Squash, Scallop 65-Squash, Crooked Neck (2)
- 66-Squash, Straight Neck 67-Watermelon (1) 68-Pumpkin, largest 69-Squash, largest
- 70-Watermelon, largest 71- Any Other

GREEN FRUIT-Single plate or exhibit shall consist of five specimens which shall be in their natural state not rubbed or polished and must be free from worms or insect injuries and from scab or botch or other disease. They must be uniform in size, shape, and color. All articles in this class must be grown by exhibitor. All fruit must have a name or variety.

- 72-Apples (5) 73-Crab Apples (5) 74-Black Walnuts (5) 75-Grapes (2 bunches) 76-Peaches (5)
- 77-Apricots (5) 78-Pears (5) 79-Chokecherries (5) 80-Plums (5) 81-Strawberries (5)
- 82-Raspberries (5) 83-Mulberries 84-Other

HERBS-Exhibit will consist of two stems displayed in water.

- 85-Dill 86-Sweet Basil 87-Oregano 88-Sage 89-Tarragon 90-Thyme 91-Parsley
- 92-Chives 93-Rosemary 94-Apple Mint 95-Comphrey 96-Coriander 97-Lemon Balm 98-Licorice
- 99-Marjoram 100-Peppermint 101-Mint 102-Summer Savory 103-Other

LOT/SECTION 37 FLORAL-Theresa Lawrence, Central City, Superintendent

One entry per entry number. Bouquets and single species will be judged on the following basis: arrangement, proportion and balance, relation of container and material, color harmony, quality, and condition of material. There will be a separate Long-Term category.

HOUSE PLANTS

- 1-African Violet 2-Begonia 3-Cactus, single 4-Cactus, garden 5-Coleus 6-Dieffenbachia
- 7-Fern 8-Fuschia 9-Geranium 10-Gloxinia 11-Indoor Trees 12-Most unusual plant
- 13-Pathos 14-Sansevieria 15-Springeri 16-Philodendron 17-Collection of blooming houseplants
- 18-Collection of foliage houseplants 19-Any houseplant by Jr. 20-Any houseplant by resident 21-Ivy
- 22-Impatiens – single 23-Impatiens – double 24-Other

OUTDOOR HANGING BASKET

- 25-Blooming Purple \$1.50; Blue \$1.00; Red \$.75; White \$.50
- 26-Foliage

PATIO POTTED PLANTS

- 27-Flowering Variety (adult) Purple \$1.50; Blue \$1.00; Red \$.75; White \$.50
- 28-Flowering Variety (12 and under) 29-Foliage (adult)
- 30-Foliage (12 and under) 31-Flowering/Foliage Variety 32-Other

COUNTY FAIRGROUNDS BEAUTIFICATION DISPLAY- Clubs and organizations that enter 3 or more buckets will receive an additional \$5.00 premium for their club or organization. All ages are welcome and encouraged to participate.

Purple \$3.00; Blue \$2.00; Red \$1.00

33-Any Five-gallon bucket of blooming/growing plants to be judged and then placed on the Fairgrounds. (Not responsible for damage or loss of display.)

ARRANGEMENT OF FLOWERS

- 34-Aster 35-Ageratum 36-Bachelor buttons 37-Calendula 38-Cleome 39-Cosmos
- 40-Coxcomb 41-Coxcomb-single 42-Cut flowers-mixed 43-Chrysanthemum (annual) 44-Dahlias 45-Daisies
- 46-Daisy like flowers 47-Delphiniums 48-Dianthus (pinks) 49-Dianthus (carnations) 50-Dried materials 51-Gaillardia
- 52-Gerbera daisy 53-Gladiola 54-Gladiola-single 55-Gomphrena 56-Helichrysum 57-Lily-Asiatic
- 58-Lily-large daylily 59-Lily-small daylily 60-Lily-surprise 61-Lisianthus 62-Malva 63-Marigolds-small
- 64-Marigolds-medium 65-Marigolds-large 66-Melampodium 67-Mums 68-Nasturtiums 69-Petunias
- 70-Petunias-double 71-Phlox-annual 72-Phlox-perennial 73-Purple coneflower 74-Roses 75-Roses-single
- 76-Roses-miniature 77-Rudbeckia-tall 78-Rudbeckia-dwarf 79-Snapdragons 80-Statice 81-Sweet peas
- 82-Sunflowers 83-Tithomia 84-Verbena 85-Vinca 86-Wildflowers
- 87-Zinnias-small 88-Zinnias-medium 89-Zinnias-large 90-Other 91-Any Jr. flower arngmnt. 92-Any Sr. flower arngmnt

BOUQUET

- 93-All red 94-Red, white, and blue Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50
- 95-Yellow 96-Green 97-Assorted 98-Miniature 99-Other

COLLECTION

- 100-Gladioli (5 kinds) Purple \$1.00; Blue \$.75; Red \$.50; White \$.25
- 101-Annuals (5 stems of a single variety) 102-Perennials (6 stems of a single variety)
- 103-Perennial - a mixed arrangement consisting of 2 stems of each three varieties of perennials for a total of 6 stems.

BEST IN COUNTY-Each winner will receive \$3.00 additional premium.

- 104-Flower arrangement
- 105-Plant

LOT/SECTION 38 FOODS- Marie Jensen, Superintendent

- One entry per entry number.
- **All breads and cakes should be on paper plates and not in cake or bread pan.** All baked goods should be placed in plastic bags.

BREAD - Minimum size: ½ lb. loaf or mini loaf.

Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

Open (Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open (Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
1-Baking powdr biscuits	1J	1S	2-Banana	2J	2S
3-Buns (3)	3J	3S	4-Cinnamon rolls (3)	4J	4S
5-Cornbread	5J	5S	6-Dinner rolls-yeast (3)	6J	6S
7-French	7J	7S	8-Kolachi (3)	8J	8S
9-Muffins (3)	9J	9S	10-Nutbread	10J	10S
11-Oatmeal	11J	11S	12-Poppy seed	12J	12S
13-Pumpkin	13J	13S	14-Raisin	14J	14S
15-Rye	15J	15S	16-White	16J	16S
17-Whole Wheat	17J	17S	18-Zucchini	18J	18S
19-Cinnamon Swirl	19J	19S	20-Sourdough	20J	20S
21-Other	21J	21S			

CAKES - at least 3/4 cake-One piece will be removed, the remainder may be taken home after judging-NO cake mixes.

Purple \$1.25; Blue \$1.00; Red \$.75; White \$.50

Open (Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open (Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
22-Angel food, unfrosted	22J	22S	23-Banana	23J	23S
24-Carrot	24J	24S	25-Chiffon, unfrosted	25J	25S
26-Coconut	26J	26S	27-Choc. Cupcakes (5 frosted)	27J	27S
28-Coffee Cake	28J	28S	29-Devil's food	29J	29S
30-Fruit	30J	30S	31-Gingerbread	31J	31S
32-Marble	32J	32S	33-Poppy seed	33J	33S
34-Spice	34J	34S	35-Sponge, unfrosted	35J	35S
36-Yellow	36J	36S	37-White layer	37J	37S
38-Other	38J	38S			
Purple \$3.00; Blue \$2.50; Red \$2.00; White \$1.50					
39-Best decorated(No false cakes)	39J	39S			

Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

MICROWAVE- One entry per entry number, all items should be on a paper plate and not in cake or bread pans. All baked goods should be placed in plastic bags with recipe attached.

Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
40-Bars	40J	40S	41-Coffee Cake	41J	41S
42-Cornbread	42J	42S	43-Gingerbread	43J	43S
44-Muffins	44J	44S	45-Fudge candy (6 pieces)	45J	45S
46-Peanut brittle (6 pieces)	46J	45S	47-Other	47J	47S

COOKIES - There must be four (4) cookies on a plate and in a plastic bag.

Open (Any Age)	Jr. (Under 16 years)	Sr.(Over 75 years)	Open (Any Age)	Jr. (Under 16 years)	Sr.(Over 75 years)
48-Bars	48J	48S	49-Brownies	49J	49S
50-Butterscotch	50J	50S	51-Chocolate chip	51J	51S
52-Coconut	52J	52S	53-Cream puffs (3)	53J	53S
54-Date bars	54J	54S	55-Filled cookies	55J	55S
56-Fruit	56J	56S	57-Ginger	57J	57S
58-Ice Box	58J	58S	59-Molasses	59J	59S
60-Oatmeal	60J	60S	61-Peanut bars	61J	61S
62-Peanut butter	62J	62S	63-Raisin	63J	63S
64-Snickerdoodles	64J	64S	65-Spritz	65J	65S
66-Sugar	66J	66S	67-Unbaked	67J	67S
68-Chocolate	68J	68S	69-Monster	69J	69S
70-Other	70J	70S			

CANDY (6 pieces)

Open (Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open (Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
71-Coconut	71J	71S	72-Divinity	72J	72S
73-Fondant	73J	73S	74-Fudge	74J	74S
75-Mints	75J	75S	76-Peanut brittle	76J	76S
77-Penuche	77J	77S	78-Taffy	78J	78S
79-Other	79J	79S			

SNACK MIXES (At least ½ cup on a paper plate in a plastic bag)

Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
80-Popcorn	81J	81S	82-Trail	82J	82S
83-Cereal	83J	83S	84-Other	84J	84S

PIES

Purple \$2.00; Blue \$1.75; Red \$1.25; White \$.75

Open (Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open (Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
85-Apple	85J	85S	86-Berry, any kind	86J	86S
87-Butterscotch	87J	87S	88-Cherry	88J	88S
89-Chocolate	89J	89S	90-Coconut	90J	90S
91-Custard	91J	91S	92-Lemon meringue	92J	92S
93-Peach	93J	93S	94-Pumpkin	94J	94S
95-Raisin	95J	95S	96-Other	96J	96S

LOT/SECTION 39 FOOD PRESERVATION- Marie Jensen, Superintendent

One entry per entry number. Canned exhibits must have been preserved by the exhibitor within a year prior to the current fair. No entry shall compete for more than one premium. Jars will not be opened except in case of doubt. All canned entries must be done according to current USDA Guidelines. Jars or jelly glasses must have screw bands. Jellies, preserves, jams, butters conserves, and marmalade will be opened if needed to show consistency. **Entry must be labeled with product name, date of preparation, processing method and processing time.**

FRUITS - Jars must be quart or pint size.

Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
1-Apples	1J	1S	2-Applesauce	2J	2S
3-Apricots	3J	3S	4-Cantaloupe	4J	4S
5-Cherries, bing	5J	5S	6-Cherries, pitted	6J	6S
7-Crab apples	7J	7S	8-Gooseberries	8J	8S
9-Peaches, halves	9J	9S	10-Peaches, sliced	10J	10S
11-Peaches, whole	11J	11S	12-Pears, halves	12J	12S
13-Plums	13J	13S	14-Rhubarb	14J	14S
15-Other	15J	15S			

Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

16-Five jar exhibit (must be completely different than otherwise exhibited.) 16J 16S

VEGETABLES - Jars must be quart or pint size.

Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
17-Asparagus	17J	17S	18-Beans, yellow	18J	18S
19-Beans, green	19J	19S	20-Beets, sliced	20J	20S
21-Beets, whole	21J	21S	22-Cabbage	22J	22S
23-Carrots	23J	23S	24-Corn	24J	24S
25-Cucumbers	25J	25S	26-Mixed vegetables	26J	26S
27-Peas	27J	27S	28-Peppers	28J	28S
29-Peppers, hot	29J	29S	30-Peppers, sweet	30J	30S
31-Potatoes	31J	31S	32-Sweet Potatoes	32J	32S
33-Tomatoes	33J	33S	34-Tomatoes, sliced	34J	34S
35-Other	35J	35S			

Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

36-Five jar exhibit(must be completely different than otherwise exhibited.) 36J 36S

Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

SOUPS - Jars must be quart or pint size.

Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
37-Beef	37J	37S	38-Chicken	38J	38S
39-Chili	39J	39S	40-Tomato	40J	40S
41-Vegetable	41J	41S	42-Other	42J	42S

JUICES - Jars must be quart or pint size.

Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
43-Apple	43J	43S	44-Cherry	44J	44S
45-Chokecherry	45J	45S	46-Crab apple	46J	46S
47-Grape	47J	47S	48-Plum	48J	48S
49-Tomato	49J	49S	50-Other	50J	50S

JELLIES - All must be in a half pint, pint, or jelly jar with a lid. All jellies, preserves, jams, butters, conserves, and marmalades will be opened for judging. The name of the product should be written on a label and attached to the jar.

Open (Any Age)	Jr. (Under 16 years)	Sr. (Over 75 years)	Open (Any Age)	Jr. (Under 16 years)	Sr. (Over 75 years)
51-Apple	51J	51S	52-Cherry	52J	52S
53-Chokecherry	53J	53S	54-Crab Apple	54J	54S
55-Elderberry	55J	55S	56-Gooseberry	56J	56S
57-Grapes, tame	57J	57S	58-Grapes, wild	58J	58S
59-Mulberry	59J	59S	60-Peach	60J	60S
61-Pear	61J	61S	62-Plum, blue	62J	62S
63-Plum, tame	63J	63S	64-Plum, wild	64J	64S
65-Raspberry, black	65J	65S	66-Raspberry, red	66J	66S
67-Rhubarb	67J	67S	68-Strawberry	68J	68S
69-Mixed Fruit	69J	69S	70-Other	70J	70S

PRESERVES -All must be in half pint, pint or jelly jar with a screw lid.

Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
71-Apricot	71J	71S	72-Cherry	72J	72S
73-Gooseberry	73J	73S	74-Grape	74J	74S
75-Peach	75J	75S	76-Pear	76J	76S
77-Plum	77J	77S	78-Raspberry	78J	78S
79-Strawberry	79J	78S	80-Tomato	80J	80S
81-Other	81J	81S			

JAMS-All must be in a half pint, pint or jelly jar with a screw lid.

Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
82-Apricot	82J	82S	83-Cherry	83J	83S
84-Gooseberry	84J	84S	85-Grape	85J	85S
86-Mulberry	86J	86S	87-Raspberry, black	87J	87S
88-Raspberry, red	88J	88S	89-Strawberry	89J	89S
90-Rhubarb	90J	90S	91-Blueberry	91J	91S
92-Peach	92J	92S	93-Blackberry	93J	93S
94-Mixed Fruit	94J	94S	95-Strawberry/Rhubarb	95J	95S
96-Other	96J	96S			

LOT/SECTION 40 PRESERVATION - PART II- Marie Jensen, Superintendent

Entries must be labeled with product name, date of preparation, processing method and processing time.

Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

BUTTERS- All must be in a half pint, pint or jelly jar with a screw lid.

Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
1-Apple	1J	1S	2-Chokecherry	2J	2S
3-Grape	3J	3S	4-Peach	4J	4S
5-Pear	5J	5S	6-Plum	6J	6S
7-Tomato	7J	7S	8-Other	8J	8S

PICKLES

Open (Any Age)	Jr. (Under 16 years)	Sr. (Over 75 years)	Open (Any Age)	Jr. (Under 16 years)	Sr. (Over 75 years)
9-Apple	9J	9S	10-Asparagus	10J	10S
11-Beans	11J	11S	12-Beets, sliced	12J	12S
13-Beets, whole	13J	13S	14-Bread & Butter	14J	14S
15-Cherry	15J	15S	16-Crabapple	16J	16S
17-Cucumber, dill	17J	17S	18-Cucumber, sweet dill	18J	18S
19-Cucumber, green slicing	19J	19S	20-Cucumber, sweet	20J	20S
21-Jalapeno	21J	21S	22-Lime	22J	22S
23-Mustard	23J	23S	24-Peach	24J	24S
25-Pepper, mango	25J	25S	26-Sweet red	26J	26S
27-Tomato, green, sliced	27J	27S	28-Tomato, ripe	28J	28S
29-Vegetable, mixed	29J	29S	30-Watermelon	30J	30S
31-Zucchini	31J	31S	32-Other	32J	32S

RELISH, CATSUP, ETC.

Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)	Open(Any Age)	Jr.(Under 16 years)	Sr.(Over 75 years)
33-Beet	33J	33S	34-Chili sauce	34J	34S
35-Chow-Chow	35J	35S	36-Corn	36J	36S
37-Cucumber	37J	37S	38-Mincemeat	38J	38S

39-Pepper	39J	39S	40-Pizza sauce	40J	40S
41-Salsa	41J	41S	42-Sandwich spread	42J	42S
43-Spaghetti sauce	43J	43S	44-Tomato, catsup	44J	44S
45-Tomato, raw	45J	45S	46-Tomato sauce	46J	46S
47-Zucchini relish	47J	47S	48-Other	48J	48S

DRIED FOODS- Include description of method used to dry the foods. Place 6-10 pieces of vegetable or fruit or 3-4" sample of meat jerky or fruit leather in a glass jar (½ pt or pt).

<u>Open(Any Age)</u>	<u>Jr.(Under 16 years)</u>	<u>Sr.(Over 75 years)</u>	<u>Open(Any Age)</u>	<u>Jr.(Under 16 years)</u>	<u>Sr.(Over 75 years)</u>
49-Apple	49J	49S	50-Apricot	50J	50S
51-Banana	51J	51S	52-Beans, green	52J	52S
53-Beans, yellow	53J	53S	54-Cabbage	54J	54S
55-Carrots	55J	55S	56-Corn	56J	56S
57-Grapes	57J	57S	58-Herbs	58J	58S
59-Okra	59J	59S	60-Onion	60J	60S
61-Peas	61J	61S	62-Peach	62J	62S
63-Pears	63J	63S	64-Plum	64J	64S
65-Potato	65J	65S	66-Zucchini	66J	66S
67-Apple leather	67J	67S	68-Rhubarb leather	68J	68S
69-Tomato leather	69J	69S	70-Beef jerky	70J	70S
71-Pork jerky	71J	71S	72-Venison jerky	72J	72S
73-Chips	73J	73S	74-Other	74J	74S

MISCELLANEOUS

<u>Open(Any Age)</u>	<u>Jr.(Under 16 years)</u>	<u>Sr.(Over 75 years)</u>	<u>Open(Any Age)</u>	<u>Jr.(Under 16 years)</u>	<u>Sr.(Over 75 years)</u>
75-Cider, homemade	75J	75S	76-Honey, comb	76J	76S
77-Honey, strained	77J	77S	78-Soap, white, homemade	78J	78S
79-Soap, dark, homemade	79J	79S	80-Other	80J	80S

CANNED MEAT

Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

<u>Open(Any Age)</u>	<u>Jr.(Under 16 years)</u>	<u>Sr.(Over 75 years)</u>	<u>Open(Any Age)</u>	<u>Jr.(Under 16 years)</u>	<u>Sr.(Over 75 years)</u>
81-Beef	81J	81S	82-Chicken	82J	82S
83-Fish	83J	83S	84-Pork	84J	84S
85-Sausage	85J	85S	86-Soup meat	86J	86S
87-Other	87J	87S			

SECRETARY'S COOKIE JAR

A gallon jar of assorted cookies to contain not less than six kinds of cookies. Bring one of each kind of cookie in a small box so the judge will not need to open the jar. (The same cookies in the jar cannot be entered in other categories.) The purple ribbon jar will be given to the Fair Secretary. Empty jar will be returned to the owner. Remaining entries will be returned to owners after the fair.

Purple \$7.00; Blue \$6.00; Red \$4.00; White \$3.00

<u>Open(Any Age)</u>	<u>Jr.(Under 16 years)</u>	<u>Sr.(Over 75 years)</u>
88-Secretary's Jar	88J	88S

LOT/SECTION 41 NEEDLEWORK- Karen Knight-Kutschkau and Jean Waggoner, Superintendents

- One entry per entry number. No soiled items.
- Be sure to add age on entry cards.
- Articles should be placed in plastic bags or wrapped in plastic wrap. All articles in this department, in order to command premium must have been made within the last two years by exhibitor. Any article which has been previously exhibited may not be entered again.
- NOT RESPONSIBLE FOR LOST OR BROKEN ARTICLES

Attention Exhibitors: Special contest for county exhibitors in our Needlework Department - a special prize of \$5.00 will be given to the best needlework in the county exhibit. This needlework will be eligible to compete in the Nebr. State Fair. A clear plastic covering for articles is encouraged to protect entries, however, the department cannot assume responsibility for the condition of entries.

CROCHETING

Section I:		Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50			
1-Doily (under 14")	2-Doily (14" & over)	3-Pot Holders (2)	4-Hot plate mats (2)	5-Placemats (2)	
6-Pillow cases (2)	7-Vest	8-Household accessory	9-Rug	10-Pillow	
11-Sweater, child's	12-Sweater, man's	13-Sweater, woman's	14-Hat	15-Gloves	
16-Scarf	17-Other				
Section II:		Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50			
18-Afghan, large	19-Afghan, small	20-Bedsread	21-Tablecloth	22-Other	

KNITTING**Section I:**

Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

23-Beret or hat	24-Cape	25-Doily (under 12")	26-Doily (12" & over)	27-Household accessory
28-Jacket	29-Pillow	30-Rug	31-Sweater, child's	32-Vest, child's
33-Vest, women's	34-Other			

Section II:

Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

35-Afghan, large	36-Afghan, small	37-Bedspread	38-Coat	39-Dress, woman's
40-Jacket	41-Tablecloth	42-Sweater, man's	43-Sweater, woman's	44-Other

APPLIQUE

Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

45-Pillow	46-Pillow cases (2)	47-Tea towel (1)	48-Wall hanging	49-Other
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EMBROIDERY

Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

CROSS STITCH

50-Apron	51-Buffer Set	52-Dresser Scarf	53-Hand Towel	54-Luncheon Set	55-Wall Hanging
56-Picture	57-Pillow	58-Pillow Cases (2)	59-Tea Towel	60-Vanity Scarf	61-Other

COUNTED CROSS STITCH

62-Buffer Set	63-Dresser Scarf	64-Hand Towel	65-Luncheon Set	66-Picture	67-Pillow
68-Pillow Cases (2)	69-Tea Towel	70-Vanity Scarf	71-Wall Hanging	72-Other	

FRENCH KNOT OR CANDLEWICKING

73-Buffer Set	74-Dresser scarf	75-Luncheon Set	76-Picture	77-Pillow Cases (2)
78-Vanity Set	79-Other			

WHITE OR COLORED EMBROIDERY

80-Picture	81-Pillow Cases (2)	82-Sampler	83-Tea Towel	84-Other
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LAZY DAISY

85-Pillow Cases (2)	86-Tea Towel	87-Other
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Section II: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

88-Candlewicking – tablecloth	89-Colored embroidery – bedspread	90-Colored embroidery – tablecloth
91-Colored embroidery - tea towels (set)	92-Cross stitch – tablecloth	93-Cross stitch - tea towels (set of seven)
94-French Knot – tablecloth	95-Lazy Daisy - tea towels (set)	96-Lazy Daisy – tablecloth
97-White embroidery - tablecloth		

LOT/SECTION 42 NEEDLEWORK PART II- Karen Knight-Kutschkau and Jean Waggoner, Superintendents

Purple \$1.50; Blue \$1.00; Red \$.75; White \$.25

LONG STITCH

1-Picture	2-Pillow	3-Wall Hanging	4-Other
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CREWEL EMBROIDERY

5-Picture - framed	6-Pillow	7-Wall Hanging	8-Other
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NEEDLEPOINT**Section I:** cotton canvas

9-Furniture	10-Picture	11-Pillow	12-Sampler	13-Other
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Section II - plastic canvas

14-Picture	15-Tote Bag	16-Other
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TEXTILE PAINTING**Section I:**

17-Garment	18-Pillow cases (2)	19-Tea towel (2)	20-Other
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Section II:

Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

21-Quilt	22-Tablecloth	23-Tea towel (set)	24-Other
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PATCHWORK

25-Pillow	26-Other
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NEEDLEPUNCH

27-Decorated garment	28-Pillow	29-Purse	30-Rug	31-Wall Hanging	32-Other
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NEEDLE HOOK

33-Acrylic rug 34-Other

LATCH HOOK

35-Pillow 36-Rug 37-Wall Hanging 38-Other

SEWING**Section I:**

39-Apron	40-Blouse	41-Cape or coat	42-Coat, child's	43-Dress, girl's	44-Dress, long
45-Dress, woman's	46-Jacket, child's	47-Jacket, adults	48-Pantsuit, woman or child	49-Shirt, man or boy	
50-Skirt, woman or girl	51-Slacks, adult or child	52-Sportswear, child's	53-Sportswear, woman's	54-Suit, child's	
55-Remade garment	56-Vest, adult or child	57-Jumper, child's	58-Jumper, woman's	59-Other	

Section II: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

60-Coat, adult 61-Suit, woman 62-Other

QUILTS- All quilt entries should have labels covered by the exhibitor for judging purposes. All quilts made and quilted by exhibitor.

Quilts that are professionally quilted by someone other than the exhibitor (should include the name of the quilter)

Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

63-Machine article	64-Tied article	65-Embroidered	66-Appliqued	67-Pieced	68-Candlewickd
69-Counted Cross-stitch	70-Hand Quilted	71-Machine Quilted	72-Baby Quilt	73-Quilted Wall Hanging	
74-Over 75 Years of age	75-Other				

LOT/SECTION 43 MISCELLANEOUS- Karen Knight-Kutschkau and Jean Waggoner, Superintendents

Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

1-Appliance Cover	2-Braided Rug	3-Christmas Article	4-Cutwork Article	5-Felt Article
6-Fillet Article	7-Hot Dish Mat	8-Netting Article	9-Chicken Scratch Article	10-Novelty Pillow
11-Pot Holder	12-Smocked Pillow	13-Tatting Article	14-Tote Bag	15-Toys
16-Wall Hanging	17-Decorated t-shirt or sweatshirt		18- Lampshades	19-Other

BABY DEPARTMENT

20-Baby afghan - crocheted	21-Baby afghan - knitted	22-Baby sheet & pillowcase	23-Bib	24-Dress	25-Bunting	26-Cap or hood
27-Booties, crocheted or knitted	28-Jacket	29-Robe	30-Suit	31-Sweater, crocheted	32-Sweater, knitted	33-Other

Junior Division Miscellaneous- Exhibitor must be under 16 years of age and age of exhibitor must be attached to each entry.

34-Blouse	35-Crewel	36-Crocheted item	37-Dress	38- Knitted item	39-Patchwork
40-Pillow	41-Sportswear	42-Decorated t-shirt or sweatshirt	43-Counted cross stitch		

Over Age 75 Miscellaneous

44-Apron	45-Crocheted Item	46-Embroidery	47-Knitted Item	48-Pillow
49-Rug	50-Wall Hanging	51-Other		

LOT/SECTION 44 FINE ARTS- Karen Knight-Kutschkau and Jean Wagner, SuperintendentsNo exhibitor will be allowed more than one entry for each entry number. All paintings and displays must be able to be hung on the wall for display.

Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

PAINTING IN OIL OR ACRYLIC

1-Abstract	2-Animals	3-Flowers	4-Landscape	5-Number painting	6-Portrait
7-Still life	8-Other				

PAINTING IN WATERCOLOR

9-Abstract	10-Animals	11-Flowers	12-Landscape	13-Portrait	14-Still life	15-Other
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DRAWINGS

16-Ink	17-Pastels	18-Charcoal	19-Pencil	20-Other	21-Chalk
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CRAFTS

22-Ceramic, figurine	23-Ceramic, novelty	24-Ceramic, vase	25-China painting	26-Decoupage	27-Foam, any article
28-Painted wood yard ornaments	29-Tray Favors	30-Jewelry	31-Leathercraft	32-Tole painting	33-Woodworking
34-Christmas ornament	35-Metal Craft	36-Plaster Craft	37-Stained glass (cut)	38-Stained glass painted	39-Wall hanging
40-Weaving	41-Wood carving or inlay	42-Painted wood item	43-Relief carving	44-Chip carving	45-Wood Burning
46-Plastic canvas	47-Stamp Art	48-Memory Books/Scrapbooks	49-Photo Books	50-Candles	51-Other

Junior Division Crafts-Exhibitors must be under 16 years of age and age must be attached to exhibit.

52-Liquid embroidery	53-Macrame	54-Weaving	55-Pictures (paintings or drawings)	56-Wall Hanging
57-Toy	58-Plastic Canvas	59-Christmas	60-Clothing	61-Candle
62-Jewelry	63-Woodworking	64-Dolls	65-Scrapbook or scrapbook page	
66-Computer generated scrapbook or scrapbook page	67-Small Lego	68-Large Lego	69-Other	

Over Age 75 Crafts-Any article must be made by persons over 75 years of age and age must be attached to each exhibit.

70-Painting (any kind)	71-Photo book	72-Craft (any kind)	73-Ceramics	74-Novelty (any kind)
75-Wooden items	76-Wreath	77-Jewelry	78-Candles	79-Tray favors
80-Memory book	81-Other	82-Quilts	83-Afghans	

NOVELTIES

	Purple \$1.00; Blue \$.75; Red \$.50; White \$.25		
84-Artificial flowers (handmade)	85-Artificial flower arrangement (handmade flowers & container)	86-Bathroom accessory	
87-Other original novelty			

HOLIDAYS

	Purple \$1.00; Blue \$.75; Red \$.50; White \$.25		
88-Easter	89-Valentine's Day	90-Thanksgiving	91-Christmas

DOLLS

	Purple \$1.00; Blue \$.75; Red \$.50; White \$.25					
92-China head	93-Indian	94-Muslin	95-Knitted	96-Bridle dolls	97-Crocheted	98-Angels
99-Stitched	100-Corn husk	101-Cabbage Patch, etc.	102-Block	103-Raggedy Ann, etc.	104-Pioneer	105-Other

ANTIQUES Please write a few lines of history (including the age) about the antique entered.

Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50					
106-Brass, copper or pewter article	107-Silverware	108-China or porcelain article	109-Wearing apparel	110-Cloth article	
111-Wooden article	112-Jewelry	113-Books	114-Linen article	115-Toys	116-Metal article
117-Leather	118-Print or document	119-Quilt	120-Other		

PHOTOGRAPHY-Entries limited to 15 photos total per person. Exhibitors must be age 8 as of January 1 of the current year.

Contestants may enter one print in each category. Prints must be mounted separately on poster board that is larger than the print, with name of exhibitor on board. On back of poster board place whether you used regular or digital. If enhanced digitally and state how.

Attention Exhibitors: Special contest for county exhibitors in our Photography Department - a special prize of \$3.00 will be given to the best photography in the county exhibit. This photography will be eligible to compete in the Nebr. State Fair. A clear plastic covering for articles is encouraged to protect entries, however, the department cannot assume responsibility for the condition of entries.

Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

Regular (Film)

- 123R - People (color)
- 124R - Animals (color)
- 125R - Birds (color)
- 126R - Flowers (color)
- 127R - Still Life (color)
- 128R - Buildings (color)
- 129R - Landscape (color)
- 130R - Action (color)
- 131R - Other (color)
- 132R - People (black & white)
- 133R - Animals (black & white)
- 134R - Birds (black & white)
- 135R - Flowers (black & white)
- 136R - Still Life (black & white)
- 137R - Buildings (black & white)
- 138R - Landscape (black & white)
- 139R - Action (black & white)
- 140R - Other (black & white)

Digital Camera

- 123D - People (color)
- 124D - Animals (color)
- 125D - Birds (color)
- 126D - Flowers (color)
- 127D - Still Life (color)
- 128D - Buildings (color)
- 129D - Landscape (color)
- 130D - Action (color)
- 131D - Other (color)
- 132D - People (black & white)
- 133D - Animals (black & white)
- 134D - Birds (black & white)
- 135D - Flowers (black & white)
- 136D - Still Life (black & white)
- 137D - Buildings (black & white)
- 138D - Landscape (black & white)
- 139D - Action (black & white)
- 140D - Other (black & white)

ENLARGEMENTS

Framed Color-Regular Film

- 141R - People (color)
- 142R - Animals (color)
- 143R - Birds (color)
- 144R - Flowers (color)
- 145R - Still Life (color)
- 146R - Landscape-Buildings (color)
- 147R - Other (color)
- 148R - Enlargement-Unframed (color)

Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.75

Framed Color-Digital Camera

- 141D - People (color)
- 142D - Animals (color)
- 143D - Birds (color)
- 144D - Flowers (color)
- 145D - Still Life (color)
- 146D - Landscape-Buildings (color)
- 147D - Other (color)
- 148D - Enlargement-Unframed (color)

- 149R - People (black & white)
- 150R - Animals (black & white)
- 151R - Birds (black & white)
- 152R - Flowers (black & white)
- 153R - Still Life (black & white)
- 154R - Buildings (black & white)
- 155R - Landscape (black & white)
- 156R - Other (black & white)
- 157R - Enlargement-Unframed (black & white)
- 149D - People (black & white)
- 150D - Animals (black & white)
- 151D - Birds (black & white)
- 152D - Flowers (black & white)
- 153D - Still Life (black & white)
- 154D - Buildings (black & white)
- 155D - Landscape (black & white)
- 156D - Other (black & white)
- 157D - Enlargement-Unframed (black & white)

MERRICK COUNTY PHOTOGRAPHY - (color or black & white)

Regular (Film)

- 158R - People
- 159R - Animals
- 160R - Activities
- 161R - Enlargement
- 162R - Other

Digital Camera

- 158D - People
- 159D - Animals
- 160D - Activities
- 161D - Enlargement
- 162D - Other

Junior Division Photography-Exhibitors must be under 16 years of age and age must be attached to exhibit.

Regular (Film)

- 163R - Enlargement (framed)
- 164R - People
- 165R - Nature
- 166R - Buildings
- 167R - Animals
- 168R - Other

Digital Camera

- 163D - Enlargement (framed)
- 164D - People
- 165D - Nature
- 166D - Buildings
- 167D - Animals
- 168D - Other

LOT/SECTION 45 MISCELLANEOUS ENGINEERING Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

- 1-Erector sets, Lego's, K'Nex, etc. - non-motorized
- 2-Erector sets, Lego's, K'Nex, etc. - motorized
- 3-Woodworking - hand tools – beginning
- 4-Woodworking - hand tools - advanced
- 5-Woodworking - power tools – beginning
- 6-Woodworking - power tools - advanced
- 7-Rockets - wood fins
- 8-Rockets - plastic fins
- 9-Electronic equipment from pre-manufactured
- 10-Models (cars, trucks, airplanes, etc.) - beginning
- 11-Models (cars, trucks, airplanes, etc.) – advanced
- 12 - Other

LOT/SECTION 46 STUDENT ARTWORK

Purple \$1.50; Blue \$1.25; Red \$1.00; White \$.50

SCHOOL ART EXHIBITS-School Art exhibits may be of two types. One dimensional exhibits and other items such as woodwork, embroidery, and models for example. The piece of art must have been completed during the current school year. The students must mount the work to be exhibited. Entries could consist of Handwork (original), Handwork (illustrated), Handwork (other), Attendance Record (original), Notebook/booklets, or class projects.

- 1-Pre-School
- 2-Kindergarten
- 3-1st & 2nd Grades
- 4-3rd & 4th Grades
- 5-5th & 6th Grades
- 6-7th & 8th Grades
- 7-High School

RELIGIOUS EDUCATION EXHIBITS - Entries will not be judged, but churches are welcome to have a display booth.

- 8-Display - one school or church
- 9-Missions Poster
- 10-Missions Project
- 11-Other

LOT/SECTION 47 OPEN CLASS POULTRY and RABBITS- Mollie Nielsen, Superintendent

Open class poultry and rabbit entries must be made one week in advance of fair dates to assure cages. No animal may be entered or exhibited in more than one breed. Premiums will be withheld if stalls, cages, floors and etc. are not cleaned at removal time.

Three placings will be awarded in each class: 1st - \$1.00; 2nd - \$.75; 3rd - \$.50

POULTRY Exhibitors are limited to 6 total entries.

The Nebr. Poultry Disease Act requires that poultry entering exhibition be Pullorum-Typhoid clean. Proof of compliance with this act must be presented to the Superintendent of poultry exhibits when birds are entered in the show.

Stock must be entered in the name of the actual owner. All birds will be checked for lice upon entering exhibit area and any sick or diseased birds will not be allowed on the premises.

	STANDARD	BANTAMS
Cockerels- hatched during 2024	1	2
Cocks- hatched during 2024	3	4
Pullets- hatched prior to 2024	5	6
Hens- hatched prior to 2024	7	8
Breeding Pair- One pair per class	9	10

- 11. Pen of 3 Broilers
- 12. Egg Production Trios
- 13. Turkey
- 14. Geese
- 15. Ducks
- 16. Pigeons
- 17. Other

EGGS- Eggs will be judged on shape, color and weight uniformity. Please do not refrigerate eggs prior to checking in the eggs. Limited to exhibiting one (1) dozen of either brown, white or other colored eggs.

18. One (1) dozen white eggs

19. One (1) dozen brown eggs

20. One (1) dozen other colored eggs

RABBITS- Exhibitors are limited to 12 entries

COMMERCIAL BREED RABBIT- Includes: American, American Chinchilla, Argente Brun, Beveren, Blanc d Hotot, Californian, Champagne D'Argent, Checkered Giant, Cinnamon, Creme D'Argent, English Lop, Flemish Giant, French Lop, Giant Angora, Giant Chinchilla, New Zealand, Palomino, Satin, Silver Fox.

	Doe	Buck
Jr. (under 6 mo.)	12	13
Inter.(6-8 mo.)	14	15
Sr (over 8 mo.)	16	17

FANCY BREED RABBIT- Includes: American Fuzzy Lop, American Sable, Belgian Hare, Britannia Petite, Dutch, Dwarf Hotot, Dwarf Papillion, English Angora, English Spot, Florida White, French Angora, Harlequin, Havana, Himalayan, Jersey Woolie, Lilac, Holland Lop, Mini Lop, Mini Rex, Mini Satin, Netherland Dwarf, Polish, Rex, Rhinelander, Satin Angora, Silver, Silver Marten, Standard Chinchilla, Tan, Thrianta, Lionhead.

	Doe	Buck
Jr. (under 6 mo.)	18	19
Inter.(6-8 mo.)	20	21
Sr (over 8 mo.)	22	23

MARKET RABBIT

24. Single Fryer- Not over 10 weeks of age. Minimum weight of 3½ pounds. Maximum weight 5½ pounds.

25. Meat Pen- Age limit 10 weeks. Minimum weight 3½ pounds each. Maximum weight 5½ pounds each. Meat pens shall consist of three rabbits, all of the same breed and variety. Broken group meat pens must also be of the same variety. A meat pen does not necessarily have to come from the same litter.

26. Roaster- Must be under 6 months of age. Minimum weight of 5½ pounds. Maximum weight 9 pounds.

27. Stewers- Must be 6 months of age and over. Minimum weight is over 8 pounds.