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**WELCOME TO
2019 MERRICK COUNTY FAIR
JULY 27-31
4-H, FFA & OPEN CLASS EXHIBITS**

**YOUR MERRICK COUNTY AGRICULTURAL
AND FAIR ASSOCIATION**

Russ Kucera.....President
Isaac Jefferson.....Vice President
Laurie Johnson.....Secretary
Brad Wells.....Treasurer

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Theresa Lawrence and Eddra Ritta – Open Class Floral,
Domestic & Education
Karen Knight-Kutschkau and Jean Waggoner – Open Class
Needlework, Fine Arts & Misc.

MERRICK COUNTY EXTENSION STAFF

Tammy Stuhr, Extension Educator
Steve Melvin, Extension Educator
Cindie Hostler, Office Manager
Kara L. Wells, Office Assistant/4-H Coordinator
Sherry Siwinski, Office Aide

2019 4-H LEADERS EXECUTIVE COUNCIL

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Natalie Wegner, JL West Representative
Chantz Stuhmer, JL East Representative
Cole Brandes, JL Central Representative
Abbi Wegner, JL At-Large Representative

Merrick County Fairboard Office-308-940-0884

Merrick County Extension Office-308-946-3843

**RULES AND REGULATIONS
MERRICK COUNTY'S 66th
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 exhibits will be entered on Sunday, July 28, 1:00 p.m. - 4:00 p.m.
 - Youth hogs must be in place by 11:00 a.m.
 - Youth poultry and rabbits must be in place by 1:00 p.m.
 - Youth sheep and goats must be in place by 1:00 p.m.
 - Youth market beef must be in place by 3:00 p.m.
 - Youth breeding beef and bucket calves must be in place by 4:00 p.m.
4. Individuals or firms will be permitted to enter as many animals as they wish in any one Open Class.
5. No ribbon will be given out until animals are properly checked-in with the superintendent of that area. Animals judged according to merit.
6. All livestock owners will have their pens cleaned by 7:00 a.m. each day and put pen cleanings in the designated area.
7. Articles or livestock shown at previous fairs or not handcrafted by the exhibitor will not be eligible for exhibit.
8. Exhibit building will be open Monday, Tuesday and Wednesday from 8:00 a.m. - 10:00 p.m.
9. 4-H and Open Class exhibits will be released from 7:00 a.m. - 10:00 a.m. on Thursday. Premiums will be paid at that time for Open Class only.

IF YOU WANT SPACE

Either for exhibits or commercial booths, arrangements must be made at once! Even if you had a booth or exhibit last year, you must make a new reservation this year. Contact Laurie Johnson (308-940-3121) at once!

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 on the basis of 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 fair as a 4-H, FFA or Open Class project it is NOT eligible for competition in Merrick County. It will be disqualified.
4. 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

White - Needs Improvement

Orange- Flops

Lime Green- Afterschool Project

- The judges decision will be final in all classes. Awards will be given according to the rules and regulations set forth in this premium list.
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 before Jan. 1 of the current year (turn 9 during the current year) and the last year of eligibility is 4-H age 18 on Jan. 1 (or the calendar year the member becomes 19).
 6. FFA members may exhibit livestock until the age of 21.
 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:

- 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 or group competition in such activities as booth, herdsmanship or performing arts contest.
- d) Clover Kids have a section where all of the projects are appropriate for their age, this section can be found on page 63.

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 specifications, 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 divisions and sections other than livestock have only one entry per class number.**
10. Premiums will be paid when the 4-H member submits a completed Record Book/Career Portfolio to the Extension Office. Records are DUE in the Extension Office, October 1. Premium money will be available at the year-end 4-H Achievement Celebration. If premium money is not picked up by December 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. In classes where presence of the 4-Her is required for judging purposes, such as animal exhibits, judging contests, presentations, and fashion show, a 4-H member must be 10 years of age by January 1, of the current year, or become 11 years of age during the current year. The last year of eligibility is the calendar year the member becomes 19 years of age.
12. All exhibitors showing beef, dairy, meat goat, sheep, hogs, rabbits, poultry, cats, dogs and other small animals are required to wear the required 4-H/FFA T-Shirt. Exhibitors in the horse show will wear a white long sleeve shirt or blouse, and a 4-H armband. The 4-H armband may be purchased for \$3.00. Exhibitors of beef, dairy, meat goat, sheep, hogs, dogs, rabbits, poultry, cats and other small animals will show without any hats, caps or other headgear.
13. An exhibit or exhibitor must be at least blue 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.
 - c. Written protests must be submitted to the Extension Educator. He/She will then convene the committee for their deliberation.
 - d. The written protest must include:
 - i. Names of persons involved.
 - ii. Nature of concerns.
 - iii. Situation and documentation.
 - iv. Recommendations for correction.
 - v. Specific action, rule, etc. in question.
 - vi. Additional persons committee may contact for further clarification.
 - vii. Procedures and/or steps carried out by person involved prior to submission to the Extension Educator.
 - e. The committee will review the written protest. They may discuss the situation with affected persons and show official 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.

- f. 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.
- g. The management reserves the right to withhold premium and/or award. The exhibitor may also be excluded from the show if action warrants.
- h. The appeals process is limited to the 4-H exhibitor, parent or volunteer leader.
- i. Protests will not be accepted after the exhibit is released from the 4-H Division.

4-H PRE-FAIR ACTIVITIES AND 2019 MERRICK COUNTY FAIR

Feb. 7 (Thurs.)	6:00 p.m.	Junior Indoor Archery Contest - 4-H Building
Feb. 14 (Thurs.)	6:00 p.m.	Intermediate & Senior Indoor Archery Contest - 4-H Building
April 8 (Mon.)	6:30 p.m.	Public Speaking & PSA Contest - 4-H Building
April 14 (Sun.)	4:00 p.m.	BB Gun, Air Rifle and Air Pistol Contests - 4-H Building
April 15 (Sun.)	5:00 p.m.	DUE State Fair/Ak-Sar-Ben Market Beef DNA Envelopes - Extension Office
April 27 (Sat.)	1:00 p.m.	Shotgun Contest - Sportsman's Club
May 10 (Fri.)	5:00 p.m.	DUE State/District Horse Entry Forms, ID's and Levels Testing - Extension Office
May 20 (Mon.)	6:00 p.m.	Performing Arts & Presentation Contests - Cottonwood Estates, Central City
June 14 (Fri.)	5:00 p.m.	DUE ALL State Fair Livestock DNA Envelopes (except Market Beef) - Extension Office
	5:00 p.m.	DUE ALL Required County Animal ID's, YQCA (Youth for the Quality Care of Animals) - Extension Office
July 10 (Wed.)	5:00 p.m.	DUE ALL Static, Animal, Clothing Pre-entries - Extension Office
July 13 (Sat.)	8:00 a.m.	Hunting Skills Contest - Fairgrounds
July 13 (Sat.)	9:00 a.m.	Outdoor Archery Contest - Fairgrounds
July 20 (Sat.)	9:00 a.m.	Bicycle Rodeo Contest - Fairgrounds
	1:00 p.m.	Ice Cream Roll Contest - 4-H Building
	3:00 p.m.	Culinary Challenge (Favorite Foods Revue) Contest - 4-H Building
July 23 (Tue.)	8:00 a.m.	Clothing Construction & Fashion Show Judging - 4-H Building
	7:30 p.m.	4-H Night - 4-H Building
July 27 (Sat.)	7:00 a.m.	4-H Horse Show - Indoor Arena
July 28 (Sun.)	8 a.m.-11 a.m.	Hog Weigh-in & Check-in
	11 a.m.-1 p.m.	Poultry & Rabbit Check-in
	11 a.m.-1 p.m.	Sheep & Goat Weigh-in & Check-in
	1 p.m.-3 p.m.	Market Beef Weigh-in & Check-in
	1 p.m.-4 p.m.	Static Exhibit Check-in
	1 p.m.-4 p.m.	Bucket Calf Check-in, DUE Clover Kids Record/Story
	1 p.m.-4 p.m.	Breeding Beef Check-in, DUE Beef Production Books
	5:00 p.m.	Livestock Judging Contest
July 29 (Mon.)	7:30 a.m.	Hog Show: 4-H Showmanship, Clover Kids, FFA Showmanship, Market, Breeding - Indoor Arena
	9:00 a.m.	Rabbit Show, Poultry Show immediately following - Poultry & Rabbit Barn
	1:30 p.m.	Sheep Show: 4-H Showmanship, Clover Kids, FFA Showmanship, Market, Breeding - Indoor Arena
		Meat Goat Show immediately following: 4-H Showmanship, Clover Kids, FFA Showmanship, Market, Breeding - Indoor Arena
	4:00 p.m.	Dairy Show: 4-H Showmanship, Clover Kids, FFA Showmanship, Breeding - Indoor Arena
July 30 (Tue.)	7:30 a.m.	Beef Production Judging - Extension Office & Livestock Barn
	8:00 a.m.	Beef Show: 4-H Showmanship, FFA Showmanship, Clover Kids, Bucket Calves, Market, Feeder Calves, Breeding, Fitting Contest - Indoor Arena
July 31 (Wed.)	8:00 a.m.	4-H Dog Show - Check in begins in the Annex Building
	9:30 a.m.	FFA Tractor Driving Contest - Northwest corner of Fairgrounds
	11:00 a.m.	County Kid's Pet Show Sponsored by Merrick County 4-H Jr. Leaders. Any child may bring any pet to show. Show will be held on the concrete of the indoor arena. Please register pet 15 minutes prior to the show. Pets must be taken home immediately after the show.
	1:00 p.m.	Frog/Toad Jumping Contest Sponsored by Merrick County 4-H Jr. Leaders in front of old 4-H Building
	2:00 p.m.	4-H Cat Show, 4-H Companion Animal Show immediately following - Indoor Arena
	4:00 p.m.	4-H Overall Livestock Showman Contest - Indoor Arena
	5:45 p.m.	4-H & FFA Member Group Picture - Indoor Arena
	6:00 p.m.	Livestock Sale - Indoor Arena
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
August 2 (Fri.)	8 a.m.-5 p.m.	Fair Recovery Extension Office Closed
Tentatively September 7 (Sat)	8:30 a.m.	Small Bore Rifle (.22) Contest and Pistol Pistol (.22) Contest - Sportsman's Club

SUPERINTENDENTS

Foods – TBD

Beyond the Needle – TBD

STEAM Clothing 1 & 2 – Candice Muller

STEAM Clothing 3 & Quilt Quest – Darcy Ray

Fashion Show – Kendra Jefferson & Jamie Wright

Home Environment – Lana Bushhousen & Sydney Bushhousen

Consumer & Family Sciences – Janice Stuhmer

Clover Kids – Nikki Ferraro

Agriculture, Environmental Science, Plant Science – Larry & Tracy Myers, Doug & Kelly McHargue

Horse – Russ & Carolyn Kucera

Trail Class – Violet Crouch

Hogs – Brian Jefferson & Isaac Jefferson

Sheep & Meat Goat – Craig Nelson & Jon Root

Beef – Kane Brandes & Ryan Kucera

Poultry & Rabbits – Gaylene & Wayne Bennett

Herdsmanship – Dylan Ferris

Cats & Companion Animal – Gaylene & Wayne Bennett

Dog – Kim & Travis Stuhmer

Overall Livestock Showman – Mikaela Wilshusen & Sara Umstead

Bicycle Rodeo – Brian Jefferson

BB Gun & Rifle – Ryan Zmek & Aaron Wells

Air Pistol & .22 Pistol – Brock Ekhoﬀ & Buck Umstead

Shotgun – Craig Nelson & Aaron Heins

Indoor Archery – Sara Umstead, Mike Siwinski & Aaron Blanchard

Outdoor Archery – Aaron Blanchard & Scott Goyette

Hunting Skills – Renee Ekhoﬀ

FFA Tractor Driving Contest – Gary Maresh

Livestock Judging Contest – Dennis Mottl, Juliana Kroeger, Darcy Ray & Jen Myers

FFA – Gary Maresh, Dennis Mottl, Juliana Kroger & Jessica Brondel

Air Pistol & Small Bore - Brock Ekhoﬀ & Buck Umstead

Indoor Archery - Sara Umstead, Mike Siwinski & Aaron Blanchard

Outdoor Archery - Aaron Blanchard & Scott Goyette

BB Gun & Rifle - Aaron Wells & Ryan Zmek

Hunting Skills - Renee Ekhoﬀ

Shotgun - Craig Nelson & Aaron Heins

**THANK YOU TO THE FOLLOWING BUSINESSES AND INDIVIDUALS FOR
SPONSORING TROPHIES, INCENTIVES AND SPECIAL AWARD**

- Aurora Cooperative
- Bill and Missy Hillmer
- Bill's Volume Sales
- Brandes Brothers
- Brian and Kendra Jefferson
- Central City Family Dental
- Central City FFA
- Central City Mall, Joe & Cyndi Clarke
- Central City Sportsman's Club
- Central True Value
- Christensen Insurance
- Citizens Bank & Trust Co.
- Dr. Jerome and Doris Gacke
- Eyecare Associates
- Farm Credit Services of America
- Fowl Creek Farms
- Gary and Connie Bader
- Gavilon Grain
- Gordon & Jewell Deichmann
- Green Line Equipment
- Green Plains, Central City
- Greenway Funeral Home
- Greg and Karen Senkbile
- Grosshans Inc.
- Husman Angus Farms
- In memory of Dan Samuelson
- In memory of Donna Ferris
- In memory of Earl Meyer
- In memory of Lois Schank
- In memory of Lyle Reiken
- J & S Meter & Seed
- JAG Acres
- Kent and Lynda Frenzen
- Lone Tree Antique Tractor Club
- Marilyn Heins
- Lone Tree Towing
- Matt and Becky Mottl
- Merrick County 4-H Council
- Mid Nebraska Feeds
- Mr. K Angus, Kurt Kuhn
- NNTC Clarks
- Palser Service, Inc
- Silver Creek Insurance
- Subway
- Sullivan Agency

4-H Livestock & Animal Rules & Regulations

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). Must be completed by June 15.
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.
3. Stall assignments will be made prior to entry day. Each livestock exhibitor must make advance entries by July 10, 2019. This includes hogs, sheep, goats, beef, dairy, 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.
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 show ring)**
6. Livestock and Animal Ownership Affidavits must be certified on the appropriate forms due in the Merrick County Extension Office on or before:

April 15	Market Beef – State Fair/Ak-Sar-Ben
May 10	Horse – Districts/State Fair/Ak-Sar-Ben
June 14	County Only – ALL Beef, Dairy, Goat, Sheep, Hogs, Rabbits, Horse, Cat, Companion Animal, Dog
June 14	State Fair/Ak-Sar-Ben – Breeding Beef, Dairy Cattle, Market & Breeding Goat, Market & Breeding Sheep, Market Hogs
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 grand champion, champion, or reserve champion are subject to drug residue tests.- New in 2019!



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, Gaylene Bennett. Volunteers - Gary Bader, Gordon Deichmann, Gary Maresh (FFA), Russ Kucera (Fairboard), Matt Mottl (4-H Council), Kevin Ohlman (Auctioneers)
2. Once the animal goes through the sale ring, it is “sold”. These are your choices: 1) Sell in auction for premium; 2) Not sold - take them home. Mark “state fair” if your animal is not for sale for butchering. 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 broilers. **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	.30	.25	.23	.20
Hogs	.65	.55	.50	.45
Sheep	.90	.75	.65	.55
Goat	1.55	1.40	1.25	1.10
Poultry Pen of 3	75.00	50.00	40.00	30.00
Meat Rabbit	50.00	40.00	30.00	20.00

SHOWMANSHIP

1. All 4-H exhibitors are automatically registered but not required to show in Showmanship. Exhibitors must show their own animal that has been entered and will show in a market or breeding class, 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. Neither Clover Kids nor their animal will be ranked or placed. **ALL CLOVER KID SHOWS ARE NON-COMPETITIVE.** All Clover Kids are ineligible for incentives and awards. They will receive special ribbons and a premium of \$1.00. Clover Kids classes begin on page 63.
3. Beef and Dairy Showmanship will be “Blow and Go”. 4-Hers are encouraged to clip all livestock at home. All grooming at county fair will be “Blow and Go” which shall be washing and drying only. Animals will be shown without any cosmetic grooming supplies: this includes adhesives, waxes, coloring agents, coat dressing compounds and compounds normally applied to hooves, natural or synthetic fibers or any other items that would change or enhance the normal appearance of any animal.
4. The 4-H Showmanship Contest for each species will be divided into three divisions: Junior Division for 8-9 year olds; Intermediate Division for 10-13 year olds; and Senior Division for 14-18 years as of January 1 of the current year. FFA will have a showmanship class for any FFA members. FFA Showman are not eligible for the 4-H Overall Livestock Showman specie award or contest. Showmanship guidelines are found at the Extension Office. The 4-H Overall Livestock Showman for each species will be held before the judging of the livestock classes. Because the 4-H Overall Livestock Showman precedes the livestock shows, it does not mean that showmanship will not be considered during the showing of livestock classes. Showmanship finals will consist of the purple ribbon winners, which will come back for final showing. Gold and Silver Overall Showman pins will be presented by 4-H Council to each 4-H Animal Science Showmanship Class. The Superintendent or judge may disqualify any exhibitor for violation of rules or unsportsmanlike conduct.

4-H DEPARTMENT

ANIMAL SCIENCE

HERDSMANSHIP - Superintendent Dylan Ferris

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

Beef Dairy (Cattle/Goat) Meat Goats Sheep Hogs Rabbit Poultry

1. Livestock exhibits may be judged for herdsmanship at any time between 7:00 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 class of livestock will be judged separately, and will be judged on merit and given ribbon placings. 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. Champion rosettes will be awarded to independent members or clubs with two or less exhibitors per species with the best herdsmanship.

HERDSMANSHIP SCORE SHEET-TOTAL POINTS 100

- 1.) Animals 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.



RATE OF GAIN CONTEST FOR BEEF, SHEEP AND GOATS

1. To be eligible for rate-of-gain, animals must have been weighed in at the official spring weigh-in for each species.
2. Final weight will be the weight taken at Fair weigh-in on July 28.
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, Grand Champion will be awarded to the heavier animal recorded at spring weigh-in.

NO SWINE RATE OF GAIN

Grand Champion Beef Rate-of-Gain \$10.00

Grand Champion Lamb Rate-of-Gain \$10.00

Grand Champion Goat Rate-of-Gain \$10.00

HARD LUCK ANIMAL SCIENCE CLASS

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 vet says cannot compete in the dog show. Include story of what you planned on doing with the project, what happened, what you learned from the experience, need to include picture etc.

BEEF- Superintendents Kane Brandes & Ryan Kucera

- Breeding heifers cannot show as market heifers and market heifers cannot show as breeding heifers. All heifers will be shown as carried on Pre-Entry Sheets DUE July 10.
- An animal can only be entered in one class except Jr. Herd, Beef Production Books or Club Groups of Three.
- Contact Kane Brandes for assigned space for your blocking chutes and tie out pens. **No livestock tanks allowed on the fairgrounds.**

BEEF SHOWMANSHIP-See Showmanship area for rules, page 7.

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

G-20-001. 8-9 years as of Jan. 1

G-20-002. 10-13 years as of Jan. 1

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

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

MARKET BEEF

- An exhibitor is limited to showing three (3) market beef.
- All county market beef need to be ID'd with an EID ear tag and County ID Sheet turned into the Extension Office on or before June 15.
- All State Fair or Ak-Sar-Ben market beef 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 April 15 to be eligible to show at State Fair or Ak-Sar-Ben.
- All market steers shall have a minimum weight of 1000 lbs. All market heifers shall have a minimum weight of 900 lbs. All market beef that do not come up to these minimum weights will be shown in an underweight class and will not be eligible for purple ribbons.

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 ID if the animal is eligible for the class. Limit of one animal.

FEEDER CALVES

- An exhibitor is limited to showing two (2) feeder calves.
- All county feeder calves need to be ID'd with an EID ear tag and County ID Sheet turned into the Extension Office on or before June 15.
- 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.
- All mother cows and calves must be halter broke and stall tied. Unweaned feeder calves are not required to stay.

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

- An exhibitor is limited to three (3) breeding beef animals.
- All county breeding beef need to be ID'd with either a tattoo or County tag (EID allowed for FFA) and County ID Sheet turned into the Extension Office on or before June 14. Calfhood vaccination tattoos are not acceptable for identification.
- All State Fair or Ak-Sar-Ben breeding beef need to be ID'd with a tattoo and submit entry online on or before June 15 to be eligible to show at State Fair or Ak-Sar-Ben. Calfhood vaccination tattoos are not acceptable for identification.
- There may be interbreed competition for registered breeding heifers. (Registration papers are required)
- Any breeding animal other than a registered breeding animal is eligible for commercial classes.

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

CLASSIFICATIONS:

	Yearling (born in 2018)	2 Yr. Old (born in 2017)	3-5 Yr. Old (born in 2014-2016)	
Calf (born in 2019)				
	Calf	Yearling	2 Yr. Old	3-5 Yr. Old
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

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

G-20-022. Registered

G-20-023. Commercial

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-20-024 Registered (must be the same breed and have registration papers)

G-20-025 Commercial

G-20-026. 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 ID if the animal is eligible for the class. Limit of one animal.

G-20-027. Beef Production- is open to breeding beef animals previously enrolled as 4-H and FFA project animals. Animals may be shown as individuals in other established classes. (Ex. A breeding heifer calf or feeder calf can show as an individual and show again as a cow and calf pair). Animals may be registered or commercial. An exhibitor is limited to one entry. The entry may consist of: Bred Heifer, Cow, Calf, or any combination.

- Beef Production record book is available at the Extension Office. Record books for beef production animals must be turned into the Extension Office by 4:00 p.m. on Sunday of entry day. A personal five minute interview will be scheduled for Tuesday, before the Beef Show.
- Beef Production displays will be exhibited on the 4-H members assigned pen at the fair. The instructions for this display are in the 4-H Beef Production record book.
- Beef Production exhibits will be evaluated using a scorecard as follows:
 - 35% Evaluation of production records
 - 35% Knowledge exhibited during interview
 - 30% Live placing

BUCKET CALF

- Each exhibitor will be limited to one (1) bucket calf entry.
- All county bucket calves need to be ID'd with a county ear tag and County ID Sheet turned into the Extension Office on or before June 15.
- 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.
- 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.
- Record sheet must be turned in on entry day. Record sheet may be used by the judge for questions.

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

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

CLUB GROUP OF THREE CALVES

- A club may exhibit one (1) entry in each class.
- 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.

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

G-20-030. Group of Three Market Calves - any breed or mixed breeds.

G-20-031. Group of Three Bucket or Feeder Calves - any breed or mixed breeds.

BEEF FITTING CONTEST *Pre-Entry is Required!*

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

G-20-032 - General rules:

- a) Teams to consist of three 4-H/FFA youth, ONE must be a Junior 4-H exhibitor.
- b) Teams must find a calf at fair to groom; must be entered as market or breeding.
- c) Teams must provide their own equipment; must fit in 5 gallon bucket.
- d) Chutes must be in arena before contest starts; exhibitor's responsibility.
- e) Generators can be used, and will be turned off after 30 minutes.
- f) Participants will have half an hour to blow, groom and prepare cattle for show.
- g) One member of the team will do the showmanship phase.
- h) All show sprays and adhesives are allowed.

DAIRY CATTLE- Superintendents Kane Brandes & Craig Nelson

DAIRY CATTLE SHOWMANSHIP- See Showmanship area for rules, page 7.

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

G-30-001. 8-9 years as of Jan. 1

G-30-002. 10-13 years as of Jan. 1

G-30-003. 14-18 years as of Jan. 1

G-30-004. FFA Showmanship age 14-21 years

DAIRY CATTLE

- A 4-H member is limited to six (6) animals. If the three (3) qualify as a herd they may be shown as a herd.
- All county dairy cattle need to be ID'd with an ID Sheet Drawing or photo turned into the Extension Office on or before June 15.
- All State Fair or Ak-Sar-Ben dairy cattle need to be ID'd with an ID Sheet Drawing turned into the Extension Office on or before June 15 to be eligible to show at State Fair or Ak-Sar-Ben.
- Any lactating cow may arrive and be released the same day as the show or a stall may be requested and general livestock rules will apply.
- All other non-lactating animals must observe the general livestock rules.

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

CLASSIFICATIONS:

Spr. Calf -3-1-2019 to 4-30-2019

Smr. Yrlg. - 6-1-2018 to 8-31-2018

Wnt. Calf - 12-1-2018 to 2-28-2019

Spr. Yrlg. - 3-1-2018 to 5-31-2018

Fall Calf - 9-1-2018 to 11-30-2018

Wnt. Yrlg. - 12-1-2017 to 2-28-2018

Fall Yrlg. - 9-1-2017 to 11-30-2017
4 Yr. Old - 9-1-2014 to 8-31-2015

2 Yr. Old - 9-1-2016 to 8-31-2017
5 Yr. & Over - prior to 9-1-2014

3 Yr. Old - 9-1-2015 to 8-31-2016
Dry Cow - Any Age

	Spr. Calf	Wnt. Calf	Fall. Calf	Smr. Yrlg.	Spr. Yrlg.	Wnt. Yrlg.	Fall. Yrlg.
Registered	<u>*G-30-005</u>	<u>*G-30-006</u>	<u>*G-30-007</u>	<u>*G-30-008</u>	<u>*G-30-009</u>	<u>*G-30-010</u>	<u>*G-30-011</u>
Commercial	<u>*G-30-017</u>	<u>*G-30-018</u>	<u>*G-30-019</u>	<u>*G-30-020</u>	<u>*G-30-021</u>	<u>*G-30-022</u>	<u>*G-30-023</u>

	2 Yr. Old	3 Yr. Old	4 Yr. Old	5 Yr. & Over	Dry Cow
Registered	<u>*G-30-012</u>	<u>*G-30-013</u>	<u>*G-30-014</u>	<u>*G-30-015</u>	<u>*G-30-016</u>
Commercial	<u>*G-30-024</u>	<u>*G-30-025</u>	<u>*G-30-026</u>	<u>*G-30-027</u>	<u>*G-30-028</u>

Junior Herd- Exhibitors in the Junior Dairy Herd class will enter three females. At least one of the three must be a cow that has freshened and has been fresh long enough to have a projected 305 day M.E. At least one animal must qualify as "bred by exhibitor", and all three must be of the same breed. Production records to be used for scoring in the Junior Dairy Herd must meet the same criteria as those listed for Dairy Production Awards. No exceptions will be made. Dairy Herds may be either grade or registered.

G-30-029. Registered

G-30-030. Commercial

G-30-031. Home Raised Dairy Cattle - Home raised animals are defined as those animals that were born on the farm or ranch operated by the immediate family of the exhibitor. Limit of one animal.

DAIRY GOAT- Superintendents Craig Nelson & Kane Brandes

DAIRY GOAT SHOWMANSHIP-See Showmanship area for rules, page 7.

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

G-30-032. 8-9 years as of Jan. 1

G-30-033. 10-13 years as of Jan. 1

G-30-034. 14-18 years as of Jan. 1

G-30-035. FFA Showmanship age 14-21 years

DAIRY GOAT

- An exhibitor is limited to showing six (6) dairy goats.
- All county dairy goats need to be ID'd with a Scrapie Tag and County ID Sheet turned into the Extension Office on or before June 14.

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

*G-30-036. Kid Does (born 9-1-2018 to 6-1-2019)

*G-30-037. Jr. Does (born 9-1-2017 to 8-31-2018) (if milking will show as Sr. Doe)

*G-30-038. Sr. Does (born before 9-1-2017)

G-30-039. Junior Herd - will consist of 3 animals. 1 must be in milk and 1 must be "bred by the exhibitor" and all to be the same breed.

G-30-040. Home Raised Dairy 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 ID if the animal is eligible for the class. Limit of one animal.

MEAT GOAT- Superintendents Craig Nelson & Jon Root

- Market goats cannot show in the breeding classes and the breeding does cannot show in the market classes
- No muzzles allowed. Goats are to be shown with smooth neck chains or smooth collars only.
- Goats must be uniformly slick shorn with 3/8 inch of hair or less from the knee and up. Goats must have horns blunted. Dehorning is acceptable and preferred.

MEAT GOAT SHOWMANSHIP- See Showmanship area for rules, page 7.

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

G-40-001. 8-9 years as of Jan. 1

G-40-002. 10-13 years as of Jan. 1

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

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

MARKET GOAT

- Exhibitor is limited to showing four (4) market goats.
- All county market goats need to be ID'd with an Scrapies Tag and County ID Sheet turned into the Extension Office on or before June 15.
- All 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.
- Market goats must weigh a minimum of 50 lbs at check-in. Goats less than 50 lbs will be placed in an underweight class. Goats are to have milk teeth and there shall be no evidence of breaking of the skin or eruption of the two permanent front teeth.

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

*G-40-005. Market Goat - (wethers and does) - All market goats will be weighed and divided into 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 ID if the animal is eligible for the class. Limit of one animal.

BREEDING MEAT GOAT

- Exhibitor is limited to showing two (2) breeding does.
- All county breeding does need to be ID'd with a Scrapie Tag and County ID Sheet turned into the Extension Office on or before June 15.
- All State Fair or Ak-Sar-Ben breeding does need to be ID'd with a Scrapie Tag 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 9-1-2018 to 6-14-2019

Yearling - born 9-1-2017 to 8-31-2018

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 ID if the animal is eligible for the class. Limit of one animal.

SHEEP- Superintendents Craig Nelson & Jon Root

- Market lambs cannot show in the breeding classes and breeding lambs cannot show in the market classes.
- No muzzles allowed.

SHEEP SHOWMANSHIP- See Showmanship area for rules, page 7.

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

G-50-001. 8-9 years as of Jan. 1

G-50-002. 10-13 years as of Jan. 1

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

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

MARKET LAMBS

- An exhibitor is limited to showing four (4) market lambs.
- All county market lambs need to be ID'd with a Scrapie Tag and County ID Sheet turned into the Extension Office on or before June 14.
- All 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 14 to be eligible to show at State Fair or Ak-Sar-Ben.
- All market lambs must weigh a minimum of 95 lbs. Animals not meeting these requirements will be placed in an underweight class and will not be eligible for purple ribbons.

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

*G-50-005. Market Lamb (wethers and ewes) - All market lambs will be weighed and divided into 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. Limit of one animal.

BREEDING EWES

- An exhibitor is limited to showing two (2) breeding sheep.
- All county breeding ewes need to be ID'd with a Scrapie Tag and County ID Sheet turned into the Extension Office on or before June 15.
- All State Fair or Ak-Sar-Ben breeding ewes need to be ID'd with a Scrapie Tag 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:

Lamb - born after Sept. 1, 2018

Yearling - born between Sept. 1, 2017 and August 31, 2018

Aged - born before Sept. 1, 2017

	Lamb	Yrlg.	Aged
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 ID if the animal is eligible for the class. Limit of one animal.

MARKET AND BREEDING HOGS-Superintendents Brian Jefferson & Isaac Jefferson

- The Merrick County Fair Hog Show does not require a health certificate or a veterinarian to examine the hogs for the pseudorabies program. However, we recommend that no hogs return home. All animals that do return home be quarantined from the rest of the herd for a sufficient period of time, recommended by a veterinarian.
- Hogs must be shown without hair dressing compounds. This includes oil, powder or any other coat dressing compounds. Water is permitted.
- All county hogs need to be ID'd with an EID ear tag and County ID Sheet turned into the Extension Office on or before June 14.

- All State Fair or Ak-Sar-Ben market 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 14 to be eligible to show at State Fair or Ak-Sar-Ben.
- An exhibitor is limited to showing six (6) total hogs.

HOGS SHOWMANSHIP- See Showmanship area for rules, page 7.

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

G-60-001. 8-9 years as of Jan. 1

G-60-002. 10-13 years as of Jan. 1

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

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

MARKET HOGS

- All market hogs shown must weigh at least 225 lbs. Animals not meeting this minimum requirement will be placed in an underweight class and will not be eligible for a purple ribbon. All market hogs shown must not weigh more than 325 lbs or be placed in an overweight class.

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

***G-60-005.** Market Hog (barrows and gilts) - All market hogs will be weighed and divided into 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. This class will take place following selection of the Champion and Reserve Champion market animals. 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

- 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 Purebred Gilt - To be eligible to show a purebred have to be registered also need to send in copy of registration papers (same date as entries due) 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 or purchased at one month of age or less. This class will take place following selection of the Champion and Reserve Champion market animals. Limit of one animal.

Educational Display for Animal Entries

4-Hers are invited to create a poster highlighting an educational aspect of their animal project. The poster could focus on a current livestock issue, animal industry career, animal care or health, economic impacts of the livestock industry. Posters will be displayed in the vestibule of the show arena as a way to increase the educational experiences of both the 4-H member and the general public increasing agricultural literacy and promoting good will at the Merrick County Fair. During the time when the corresponding animal is not stalled on the fairgrounds, the poster will be displayed in the 4-H Exhibit Building. In order to be eligible for the State Fair, posters must have been exhibited at the county fair and received a purple ribbon.

- Entries are limited to those that reference species that stall on the fairgrounds. Species include dairy, beef, sheep, swine, goat, poultry and rabbit. (Horse, small animal and dog posters are not allowed in this division as they do not stall during the fair.
- Posters will be judged on static entry day when other static exhibits are judged.
- Poster display should be sturdy enough to last through the fair and no larger than 22 x 28 inches. Only standard poster board will be accepted. Foam Board or cardboard posters are discouraged. NOTE: Please take into consideration that these exhibits will be displayed inside the arena and may not be returned to the exhibitor in the original condition at the time of entry.
- All entries must match the specie of livestock they have entered at the county fair. For example, if a 4-Her is exhibiting beef, their entry must be about beef and not another species. Also a 4-Her is NOT required to exhibit their livestock/animal entry at the State Fair. The entry just needs to match the species that was exhibited at the county level.

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

G-001-001. Educational Display

HORSE- Superintendents Russ Kucera & Carolyn Kucera/Trail Superintendent Violet Crouch

- **4-Hers must be at least age 8 by January 1, 2019 to show in the 4-H Horse Show.**
- All horses to be shown at District, State or Ak-Sar-Ben must be identified on the 4-H Horse ID Sheet and be turned into the Extension Office by May 10. Horses being shown ONLY at the Merrick County Fair will need to be ID'd by June 14. Horses not identified will not be permitted to show.
- 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.
- Entries must be made by July 10, 2019. **NO ADDED ENTRIES WILL BE ACCEPTED THE DAY OF THE SHOW.** Check-in time will begin at 6:00 a.m., Saturday, July 27, 2019 with a 7:00 a.m. show time.

- There must be three (3) entries before a class will be held.
- 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. 8-9 years as of Jan. 1

G-70-002. 10-13 years as of Jan. 1

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

WALK-TROT CLASSES

- The following classes are open to 4-Hers 8-11 years of age and are beginning riders not ready for a lope. .

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

G-70-005. Walk-Trot Pleasure

G-70-006. Walk-Trot Horsemanship

G-70-007. Walk-Trot Trail

LIGHT HORSE HALTER CLASSES

- Stallions may show only in the year foaled.
- 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	<u>G-70-008</u>	<u>G-70-009</u>
Yearling	<u>G-70-010</u>	<u>G-70-011</u>
2 Yr. Old	<u>G-70-012</u>	<u>G-70-013</u>
3-5 Yr. Old	<u>G-70-014</u>	<u>G-70-015</u>
Aged	<u>G-70-016</u>	<u>G-70-017</u>

LIGHT HORSE PERFORMANCE CLASSES

- Guidelines for these classes are found in "Nebraska 4-H Horse Show & Judging Guide" - 4-H 373 available at the Extension Office.

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

G-70-018. English Pleasure (all ages)

G-70-019. English Equitation/Horsemanship (all ages)

G-70-020. Hunter Hack (all ages)

	Jr. (8-11 yrs.)	Sr. (12-18 yrs)
Pleasure	<u>G-70-021</u>	<u>G-70-022</u>
Ranch Riding	<u>G-70-023</u>	<u>G-70-024</u>
Horsemanship	<u>G-70-025</u>	<u>G-70-026</u>
Trail	<u>G-70-027</u>	<u>G-70-028</u>
Barrel Racing	<u>G-70-029</u>	<u>G-70-030</u>
Pole Bending	<u>G-70-031</u>	<u>G-70-032</u>
Reining	<u>G-70-033</u>	<u>G-70-034</u>

- 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	<u>G-70-035</u>	<u>G-70-036</u>
Calf Roping - Tie Down	<u>G-70-037</u>	<u>G-70-038</u>
Dally Steer - Heading	<u>G-70-039</u>	<u>G-70-040</u>
Dally Steer - Heeling	<u>G-70-041</u>	<u>G-70-042</u>
Ground Roping (8-11 years)	<u>G-70-043</u>	

- NO barrier in roping classes.
- 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.

4-H OVERALL LIVESTOCK SHOWMAN-Superintendents Mikayla Wilshusen and Sara Umstead

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 showmen 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.

- 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 specie. The maximum amount of exhibitors is ten (10), but it could be less. 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.
- FFA Showman are not eligible for the 4-H Overall Livestock Showman.

POULTRY- Superintendents Gaylene Bennett & Wayne Bennett

- 4-H members are limited to two (2) entries per class with a limit of ten (10) total entries, plus, two (2) pens of broilers (pen of three).
- It is suggested that all cockerel, pullet, cock or hen entries be a fair representative of one of the breeds listed in the American Standard of Perfection. The minimum weights for light breeds, such as Leghorn is 3 lbs for pullets and 4 lbs for cockerels; 4 lbs for pullets and 5 lbs for cockerels in the heavy breeds.
- PENS -A pen of broilers or roasters shall consist of three male or three female birds, broilers 6-9 weeks of age, roasters 10 weeks or older. A pen 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 only and need not necessarily conform to breed standards.
- The rules for standard size chickens applies equally to bantams, waterfowl and turkeys, where applicable.
- All poultry shall be free of lice and mites when brought to the fair. Those not free of external parasites will be sent home.
- Members need to provide their own cleaning tools, bedding, feeders and waterers. Members and clubs must maintain proper herdsmanship or premium money will be withheld. 4-Hers are responsible for cleaning under the cages at the close of fair.

POULTRY SHOWMANSHIP- See Showmanship area for rules, page 7.

- 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 information.

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

G-90-001. 8-9 years as of Jan. 1

G-90-002. 10-13 years as of Jan. 1

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

G-90-004. FFA Showmanship Age 14-21

POULTRY

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

	STANDARD	BANTAMS
Cockerels	<u>*G-90-005</u>	<u>*G-90-006</u>
Cocks	<u>*G-90-007</u>	<u>*G-90-008</u>
Pullets	<u>*G-90-009</u>	<u>*G-90-010</u>
Hens	<u>*G-90-011</u>	<u>*G-90-012</u>

CLASSIFICATIONS:

Cockerel - hatched during 2019 Pullet - hatched during 2019 Cock - hatched prior to 2019 Hen - hatched prior to 2019

***G-90-013.** Pen (Broilers)

G-90-014. Pen (Roasters)

***G-90-015.** Pen (Egg Production)

***G-90-016.** Young Tom Turkey

***G-90-017.** Young Hen Turkey

***G-90-018.** Young Gander

***G-90-019.** Young Goose

***G-90-020.** Young Drake

***G-90-021.** Young Duck

RABBITS- Superintendents Gaylene Bennett & Wayne Bennett

- A 4-H member is limited to exhibiting three (3) rabbits per class, six (6) total rabbits.
- All county rabbits need to be ID'd with a tattoo in either ear and County ID Sheet turned into the Extension Office on or before June 15.
- Members need to provide their own cleaning tools, bedding, feeders and waterers. Members and clubs must maintain proper herdsmanship or premium money will be withheld. 4-Hers are responsible for cleaning under the cages at the close of fair.

RABBIT SHOWMANSHIP- See Showmanship area for rules, page 7.

- 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.

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

G-100-001. 8-9 years as of Jan. 1

G-100-002. 10-13 years as of Jan. 1

G-100-003. 14-18 years as of Jan. 1

BREEDING RABBITS

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

	Does	Bucks
Jr. (under 6 mo.)	<u>*G-100-005</u>	<u>*G-100-006</u>
Sr. (over 6 mo.)	<u>*G-100-007</u>	<u>*G-100-008</u>

MEAT RABBITS

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

- ***G-100-009**, Fryer- Not over 10 weeks of age. Minimum weight of 3½ pounds. Maximum weight 5½ pounds.
- ***G-100-010**, Roaster- Must be under 6 months of age. Minimum weight of 5½ pounds. Maximum weight 9 pounds.

COMPANION ANIMAL- Superintendents Gaylene Bennett & Wayne Bennett

- Not more than four (4) small pets may be entered by any exhibitor.
- 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. Ferrets must be vaccinated for rabies.
- Animals eligible for the show - This lot cannot duplicate animals that are exhibited in other lots. Therefore, no dogs, rabbits or poultry will be permitted in this show.
- Exhibitors are required to be present during the judging of their exhibit. Score is based on presentation, handling of animal and exhibitor knowledge.

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

G-110-001 , Rat	G-110-002 , Ferrets	G-110-003 , Chinchilla
G-110-004 , Guinea Pig	G-110-005 , Gerbil	G-110-006 , Hamster
G-110-007 , Mouse	G-110-008 , Hedgehog	G-110-009 , Small Animal Poster
G-110-010 , Reptile	G-110-011 , Fish	G-110-012 , Amphibians
G-110-013 , Birds-Pigeons, Parakeets, etc.		G-110-014 , Other Small Animal

CAT- Superintendents Gaylene Bennett & Wayne Bennett

- 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 (4H341).
- 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.
- 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.
- Exhibitors are required to be present during the judging of their exhibit. Score is based on presentation, handling of animal and exhibitor knowledge.

CAT SHOWMANSHIP- See Showmanship area for rules, page 7.

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

- G-120-001**, 8-9 years as of Jan. 1
- G-120-002**, 10-13 years as of Jan. 1
- G-120-003**, 14-18 years as of Jan. 1

DOG- Superintendents Kim Stuhmer & Travis Stuhmer

- All dogs must be immunized for distemper, hepatitis, parvo and rabies. Where age permits, all dogs must have had their rabies shot. Dogs in season will not be allowed to show. Participants must have their veterinarian fill out and sign the "Nebraska 4-H Certification of Vaccination for Dogs". 4-Hers vaccinating their own dogs 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.
- Procedures described in 4-H 420 "Guidelines for Nebraska 4-H Dog Show" will be followed.
- 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%).

DOG SHOWMANSHIP- See Showmanship area for rules, page 7.

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

- G-130-001**, 8-9 years as of Jan. 1

***G-130-002.** 10-13 years as of Jan. 1

***G-130-003.** 14-18 years as of Jan. 1

OBEDIENCE CLASSES

- BEGINNING NOVICE-All exercises must be performed on a six-foot leash. Dogs must heel including figure 8; Stand for examination; come on recall; long sit and long down.

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

***G-130-004.** BEGINNING NOVICE DIVISION A - exhibitor and dog is in first year of competition (started Dog Project after October 1, 2014).

***G-130-005.** BEGINNING NOVICE DIVISION B - exhibitor or dog is beyond first year of competition.

***G-130-006.** NOVICE - Dogs must heel on leash including figure 8; stand for examination off leash, heel free; come on recall off leash, long sit for one minute off leash and long down for three minutes off leash.

***G-130-007.** GRADUATE NOVICE - Dogs must heel on leash; stand for examination off leash; heel free including figure 8; drop on recall; long sit for three minutes and long down for five minutes both with handler out of sight.

***G-130-008.** ADVANCED GRADUATE NOVICE – heel on leash and figure 8 (off leash), drop on recall, dumbbell recall, recall over high jump, recall over broad jump, and long down.

***G-130-009.** OPEN-All exercises off leash. Heel free and figure 8; drop on recall; retrieve on flat; retrieve over high jump; broad jump; long sit for three minutes and long down for five minutes, both with handler out of sight. Refer to Nebraska 4-H Dog Show Guidelines 4-H 420 for jump heights/distances.

***G-130-010.** GRADUATE OPEN – signal exercise, scent discrimination, directed retrieve, moving stand and examination, go out, and directed jumping.

***G-130-011.** UTILITY - The dog will perform five exercises- the signal exercise; the scent discrimination exercise with leather and metal objects; the directed retrieve; moving stand and examination; directed jumping. Exhibitors must supply their own scent articles and gloves for the directed retrieve.

AGILITY CLASSES

- Agility will follow those procedures and classes described in Nebraska 4-H Dog Show Guidelines 4-H 420 <http://go.unl.edu/4h420> Refer to Nebraska 4-H Dog Show Guidelines 4-H 420 <http://go.unl.edu/4h420> - to determine class entry. If a youth has not had training or practiced on agility equipment, they may not enter a competition due to safety and training experience in agility. Level 1 & 2 Agility classes are run on leash. Level 3, 4, and 5 are all run off leash. One of each obstacle noted in each level are mandatory and duplicate obstacles may be added to make up quantities of obstacles in each level. Obstacle equipment needing repair or deemed unsafe by judge will be excluded from the competition. Judges determine the arrangements of the obstacles on the course. Obstacles in course should be numbered to note the obstacle order for the course. Course maps will be made available and posted at time of show registration in designated area(s). Level 5 – youth can use additional equipment for competition that they have access to and can use in practice. Obstacles that are used for agility competition events may be included from (AKC, CPE, USDAA, NADAC, UKC, etc....) 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-130-012.** LEVEL 1 – 6 obstacles – 3 bar jumps which have two bars each, short dog walk, pause box or table, and tunnel (open).

***G-130-013.** LEVEL 2 – 10 obstacles – several bar jumps which have two bars each, short dog walk, pause box or table, tunnel (open), chute (collapsed or closed tunnel), solid panel jump and tire jump (hoop jump).

***G-130-014.** LEVEL 3 – 10 obstacles – same obstacles as Level 2 but dogs run off leash for Level 3.

***G-130-015.** LEVEL 4 – 13 obstacles – bar jump which has one bar each, bar jump which has two bars each, tall dog walk, pause box or table, tunnel (open), chute (collapsed or closed tunnel), solid panel jump, teeter totter (seesaw), weave poles (single set with 6 poles), and tire jump (hoop jump).

***G-130-016.** LEVEL 5 – 15 – 20 of any of the following obstacles such as: bar jump which has one bar each, bar jump which has two bars each, tall dog walk, pause box or table, tunnel (open), chute (collapsed or closed tunnel), solid panel jump, A-frame short, A-frame tall, teeter totter (seesaw), weave poles (single set with 6 poles), weave poles (double set with 12 poles), and tire jump (hoop jump) broad jump, dump jump, triple bar jump, swing bridge, crawl, etc.... Number of obstacles used for a course will depend on ring size and available equipment at show site. Course layout may include more advanced handling techniques.

VETERINARY SCIENCE-Superintendents Larry Myers & Billy Jo Tomasek

- The purpose of the Veterinary Science display is to inform the public about a common health problem of animals or a veterinary science principle. The display may represent material from any of the Animal Disease or Animal Health. Do not confuse the Veterinary Science exhibit topics with animal husbandry or production topics.
- 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.
- 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, NO ANIMAL FIRST AID KITS WILL BE PERMITTED. Animal first aid kits submitted will be immediately disqualified and not shown.
- Veterinary Science Posters - This exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22"x 28" and may be either vertical or horizontal.
- Veterinary Science Displays - A display may include but it not limited to: a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22"x 28" or on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide.
- 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.

- IMPORTANT, since these are science displays, all references and information needs to be properly cited.

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

SCIENCE, ENGINEERING & TECHNOLOGY

Superintendents Larry and Tracy Myers & Doug and Kelly McHargue

GENERAL RULES

- The name of the exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of exhibit may be identified if the entry tag is separated from the exhibit.
- Each individual is limited to one exhibit per class.
- Several classes require a display board which should be a height of 24 inches and not to exceed 1/4" in thickness. A height of 23 7/8" is acceptable to allow for the saw kerf (width) if two 24 inch boards are cut from one end of a 4' X 8' sheet of plywood. Nothing should be mounted within 3/4" of the top or bottom of the board. (Example: Woodworking & Electricity.)
- Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- Demonstration boards should include an overall title for the display, plus other necessary labeling.
- Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.

HARD LUCK CLASS SCIENCE, ENGINEERING & TECHNOLOGY

HL-900-001. An exhibit and a written story about any exhibit that did not turn out the way it was planned. Include what happened, what you learned and what you will do differently next time.

CAREERS INTERVIEW

PREMIUM: Purple \$3.00; Blue \$2.50; Red \$1.50; White \$1.00

*H-930-001. Careers Interview—Interview someone who is working in any field associated with science, engineer and technology and research that career (i.e. computer programmer, architect, engineer, pilot, etc.). Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12-point font, and 1" margins. Multimedia reports should be between 3 to 5 minutes in length

WOODWORKING - one entry per class number.

Requirements:

- All articles exhibited must include a plan (with drawings or sketch or blueprint) 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.
- ONLY exhibits in Unit 3 or Unit 4 will be considered for State Fair.
- All projects must have appropriate finish.
- If the project (i.e. picnic tables, wishing wells, swings, chairs, bridges, dog houses, etc.) is designed to be used outside, it may be displayed outside.

Woodworking Wonders 1 – Measuring Up

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

Woodworking Wonders 2 – Making the Cut

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

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.

*H-911-002. Display: Display exemplifying one of the principles learned in the Nailing It Together project. Examples include: measuring angles, wood lamination and joint types.

*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 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?)

Woodworking Wonders 4 – Finishing Up

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

***H-911-004.** 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-911-005.** Display: Display exemplifying one of the principles learned in the Finishing It Up project. Examples include: career opportunities, types of finishes, or dovetailing.

***H-911-006.** 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.

RULES:

1. The name of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Several classes require a display board which should be a height of 24 inches and not to exceed 1/4-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf (width) if two 24 inch boards are cut from one end of a 4 foot by 8-foot sheet of plywood. Nothing should be mounted within 3/4 inch of the top or bottom of the board. (Example: Woodworking & Electricity.)
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.
5. Demonstration boards should include an overall title for the display, plus other necessary labeling.
6. Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.

ARCS AND SPARKS- one entry per class number.

- All welds exhibited in class 1 or 2 must be mounted on a 12" high x 15" long display board of thickness not to exceed 3/8".
- Attach each weld on a wire loop hinge or equivalent, so the judge can look at the bottom side of the weld when necessary.
- Each weld should be labeled with information stated
 - 1) type of welding process (stick, MIG, TIG, Oxy-Acetylene, etc.)
 - 2) kind of weld,
 - 3) welder setting,
 - 4) electrode/wire/rod size
 - 5) electrode/wire/rod ID numbers. Attach a wire to display board so it can be hung like a picture frame. If no plans are included with welding article or welding furniture, item will be disqualified.
- 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.
- 4-H Welding Project Tips and Suggestions: Class 1
 - 1) All welds should be made with the same electrode/wire/rod size and number.
 - 2) Welds should be made only on one side of metal so penetration can be judged.
 - 3) Welds should be cleaned with chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
 - 4) It is suggested that all welds be on the same size and thickness of metal. These pieces, referred to as coupons, should be 1.5 to 2 inches wide and 3.5 to 4 inches long. A good way to get this size is to buy new cold rolled strap iron and cut to length. The extra width is needed to provide enough metal to absorb the heat from the welding process and prevent the coupons from becoming too hot before the bead is completed. Narrower coupons will become very hot, making an average welder setting too cold at the bead start, just about right in the middle, and too hot at the end. The correct way to weld narrow strips is to make short beads and allow time to cool, however this project requires a full length bead. Stick welding: Suggested coupon thickness -1/4" if using 1/8" rod. Suggested rod-AC and DC straight or reverse polarity-first E-7014, second E-6013. MIG welding: Suggested coupon thickness -1/4" if using .035 wire and 1/8" if using .023 wire. Oxy-Acetylene: Suggested coupon thickness -1/8". Suggested rod-1/8" mild steel rod.
- 4-H Welding Project Tips and Suggestions: Class 2

- 1) It is suggested that all welds be on same size and thickness of metal. These pieces are referred to as coupons. The welds can be on one coupon that is about 4" x 4" or on individual coupons that are about 2" x 4" inch and ¼" thick. Suggested rods for this class of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014 and E-6010 for DC reverse polarity only.
- 2) Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
 - 4-H Welding Project Tips and Suggestions: Class 3 & 4
- 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.

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 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. All plans, plan alterations and a bill for materials must be attached to the article.

***H-920-004.** 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. All plans, plan alterations, dimensions and a bill for materials must be attached to the article.

H-920-005. 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. Also include detailed photographs of the project to allow judges to examine cuts. b) Instructions on how the design was created, this allows for replication of the project c) Lessons learned or improvements to the project.

H-920-006. Other - Forging, Welding, Blacksmithing, etc.

ELECTRICITY - one entry per class number. You must be in your third year of an electricity project to exhibit in electricity classes at the State Fair.

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

Electric Excitement – Magic of Electricity

H-870-020. 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-870-021. 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-870-022. 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-870-023. 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-870-024. Other project using skills from Unit I. May be combined with another project (ex. farmstead display, etc.)

Electric Excitement – Investigating Electricity

H-870-025. Case of the Switching Circuit - Use the following items: two D cell batteries, two battery holders, light bulb, bulb holder, a 3" x 6" piece of cardboard, six brass paper fasteners and approx. 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-870-026. Rocket Launcher - Construct a rocket launcher out of the following materials: a plastic pencil box that is at least 4" x 8", single pole switch, single throw switch, normally-open push button switch, 40 feet of 18 or 22 gauge stranded wire, 4 alligator clips, 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-870-027. 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, 4" x 4" x 1/8" 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.

Electric Excitement – Wired for Power

***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 28" x 22".

Electric Excitement – Entering Electronics

***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 - Poster should exemplify one of the lessons learned in the Entering Electronics Project. Posters can be any size up to 28" x 22".

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.

AEROSPACE - one entry per class number.

RULES:

1. The name of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
 2. Several classes require a display board which should be a height of 24 inches and not to exceed 1/4-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf (width) if two 24 inch boards are cut from one end of a 4 foot by 8-foot sheet of plywood. Nothing should be mounted within 3/4 inch of the top or bottom of the board. (Example: Woodworking & Electricity.)
 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. Demonstration boards should include an overall title for the display, plus other necessary labeling.
 6. Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.
 - Rockets must be supported substantially to protect the rocket from breakage.
 - Rockets are to be mounted on base that has dimensions equal or less than 12" x 12" and the base should be 3/4" thick.
 - No metal bases.
 - If the rocket fins extend beyond the edges of the required base then construct a base that is large enough to protect the fins.
 - The base size is dictated by the size of the rocket fins.
 - The rocket 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.
 - 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.
 - A report, protected in a clear plastic cover, must include:
 - ◆ Rocket specification (include original or photo of manufacture packaging stating rocket skill level)
 - ◆ A flight record for each launching (weather, distance and flight height)
 - ◆ Number of launchings
 - ◆ Flight pictures
 - ◆ Safety (how did you choose your launch site? Document safe launch, preparations, and precautions)
 - ◆ Objectives learned
 - ◆ Conclusions
 - The flight record may describe engine used, what rocket did in flight, and recovery success.
 - Points will not be deducted for launching, flight or recovery failures described. This includes any damage that may show on the rocket.
 - Complete factory assembled rockets will not be accepted at State Fair.
 - 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 maximum launch points given on the score sheet. For scoring for the State Fair, only actual launches count, misfires will not count towards one of the required three launches.
- For self-designed rockets only, please include digital recorded copy of one flight. In the documentation please include a description of stability testing before the rocket was flown.
- Skill level of project is not determined by number of years in project. Skill level is determined by the level listed on the manufacturing packaging.
- 4-H Rocket project levels are not intended to correspond to National Association of Rocketry model rocket difficulty ratings or levels.
- High power rockets (HPR) is similar to model rocketry with differences that include the propulsion power and weight increase of the model. They use motors in ranges over "G" power and/or weigh more than laws and regulations allow for unrestricted model rockets. These rockets are NOT appropriate for 4-H projects and will be disqualified

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

Aerospace 1

H-850-030. Rocket: Any skill level 1 rocket with wooden fins painted by hand or air brush.

H-850-031. Rocket Kit - Some assembly required. Rocket can be any size (Minimum of two launches). Plastic fins acceptable in this class.

Aerospace 2

***H-850-001.** Rocket: Any skill level 2 rocket with wooden fins painted by hand or air brush.

***H-850-002.** Display: Display exemplifying one of the principles learned in the Lift Off project. Examples include: display of rocket parts and purpose, interview of someone in the aerospace field, or kite terminology. Include notebook containing terminology (definition), and what was learned.

Display can be any size up to 28" x 22".

***H-850-003.** Rocket: Any Skill Level 2 Rocket with wooden fins painted using commercial application (example commercial spray paint).

Aerospace 3

***H-850-004.** Rocket: Any skill level 3 rocket with wooden fins painted by hand or air brush.

***H-850-005.** Display: Display exemplifying one of the principles learned in the Reaching New Heights project. Examples include: airplane instrumentation, kite flying, or radio-controlled planes. Include notebook containing terminology (definition), and what was learned. Display can be any size up to 28" x 22".

***H-850-006.** Rocket: Any Skill Level 3 rocket with wooden fins painted using commercial application (example commercial spray paint).

Aerospace 4

***H-850-007.** Rocket: Any skill level 4 rocket with wooden fins or any self-designed rocket. For self-designed rockets only, please include a digital recorded copy of one flight. In the documentation please include a description of stability testing before the rocket was flown.

***H-850-008.** Display: Display exemplifying one of the principles learned in the Pilot in Command project. Examples include: flying lessons, or careers in aerospace. Display can be any size up to 28" x 22".

***H-850-009.** Drone Poster: Exhibit must be designed to educate yourself and others on one or more of the following topics: drone technologies, uses of drones, the different types of drones, types of training needed to operate drones, and the laws and regulations users must follow. Posters can be any size up to 28" by 22".

ROBOTICS - one entry per class number.

Youth enrolled in Virtual Robotics, Junk Drawer Robotics (Level 1, 2, or 3), Robotics Platforms or GEAR TECH 21 may exhibit in any class within this division. Creating a video of your robot in action would be helpful for the judges, but is not mandatory, present as a CD Rom with your robot entry.

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

***H-861-001.** Robotics Poster - Create a poster (14" X 22") communicating a robotics theme such as "Robot or Not", "Pseudocode", "Real World Robots", "Careers in Robots" or "Autonomous Robotics", "Precision Agriculture" or a robotic topic of interest to the 4-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 (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12 point font, and 1" margins. Multimedia reports should be between 3 to 5 minutes in length.

***H-861-005.** Robotics Sensor Notebook - Write pseudocode which includes at least one sensor activity. Include the code written and explain the code function.

***H-861-006.** Build a Robot (may use kit) - Include a robot and notebook including the pseudocodes for at least one program you have written for the robot, the robot's purpose, and any challenges or changes you would make in the robot design or programming. If robot is more than 15" wide and 20" tall, we recommend that you submit the project under class H-861-003-Robotics Video.

***H-861-007.** Kit Labeled Robot (cannot be programmed) – 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 project the youth has constructed, a description of what it does and an explanation of how it is similar to and different from a robot. If robot is more than 15" wide and 20" tall, we recommend that you submit the project under class H-861-003-Robotics Video.

JUNK DRAWER ROBOTICS - one entry per class number.

- All exhibits should be original designs made with everyday objects and materials.
- Exhibits should be based on directions in the Junk Drawer Robotics Notebook.
- 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.

GEOSPATIAL- One entry per class number.

Youth enrolled in Geospatial or GEAR TECH21 may exhibit in any class within this division.

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

***H-880-001.** Poster- Create a poster (not to exceed 14” x 22”) communicating a GPS theme such as How GPS or GIS works, Careers that use GPS or GIS, How to use GPS, What is GIS, GPS or GIS in Agriculture, Precision Agriculture, or a geospatial topic of interest.

***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 14” X 22”.

***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. Each geocache should be a water-tight container. It should include a log book 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-880-007.** 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-880-008.** 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 “x 11” maps or 4-H project in Nebraska. Create GIS Map using data from books, and or internet. Use reliable data, (U.S. Center or U.S. Census Bureau etc.) Map any size from 8.5” x 11” up to 36” x 24”, should include Title, Base Map, Neat Line, North Arrow, and Legend. Identify the source of your information on the back of map.

***H-880-010.** Careers Interview–Interview someone who is working in a Geospatial field and include research that career. Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12-point font, and 1” margins. Multimedia reports should be between 3 to 5 minutes in length.

PHYSICS/POWER OF WIND- one entry per class number.

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 28” by 22.”

***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’ X 2’. Include a notebook of why the item was designed and how it harnesses the power of the sun. Examples include solar ovens, solar panels, etc.

***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’ X 2’. 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’ X 2’. 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.

Resources:

<https://4-h.org/parents/national-youth-science-day/wired-for-wind/>
<http://web.cals.uidaho.edu/biodiesel/4-h-curriculum-for-ages-8-12/>

<https://4-h.org/parents/national-youth-science-day/biofuel-blast/>
<http://extension.oregonstate.edu/clackamas/energy-education-curriculum-lessons>

COMPUTERS- one entry per class number.

The name of 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.

Demonstration boards should include an overall title for the display, plus other necessary labeling.

Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.

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

Computer Mysteries Unit 2

***H-860-001.** Computer Application Poster– 4-H exhibitor should use computer application 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 like Microsoft PowerPoint Files must be saved in a PC compatible format with county name and last name of participant before emailing. A notebook with a printout of all the slides should be submitted. Slideshow should include a minimum of 10 slides and no more than 25. Incorporate appropriate slide layouts, graphics, animations and audio (music or voice and transition sounds do not count). Each slide should include notes for a presenter.

Computer Mysteries Unit 3

***H-860-004.** Produce an Audio/Video Computer Presentation – Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip. The presentation must be able to be played and viewed on a PC using Windows Media Player, Real Player, iTunes, or QuickTime Player.

***H-860-005.** 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. Videos should be designed for web viewing. Any of the following formats will be accepted: .mpeg, .rm, .wmv, .mp4, .ov, .ppt, or .avi.

***H-860-006.** Create a Website/Blog or App – Design a simple Website for providing information about a topic related to youth using either software programs such as an HTML editor like Microsoft’s FrontPage or Macromedia’s Dreamweaver, and image editor like IrfanView or GIMP or online using a WIKI such as Google Sites. If the website, Blog or App isn’t live include all files comprising the Web site, Blog or App should be submitted on a CD-ROM in a plastic case along with the explanation of why the site was created. If developed using a WIKI or other online tool include a link to the website in the explanation of why the site was created.

***H-860-007.** 3D PRINTING Unique Items: 3D printing uses plastic or other materials to build a three-dimensional (3D) object for a digital design. Youth may use original designs or someone else’s they have re-designed 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 or cookie cutter. Must include design notebook with motivation or problem statement the prototype was 3D printing will include a notebook with the following:

- a. Define motivation/problem solved
- b. Software used
- c. Document purpose of material and print settings
- d. Material choice (PLA, PVA, ABS, etc.)
- e. In-fill density
- f. Moving parts

***H-860-008.** 3D Pen Creation- 3D pens rapidly melt and cool plastic filament allowing the 4-H member to draw in 3D. Youth may use original designs or use a template to create their 3D item. Exhibits will be judged based on the complexity of the design and shape. 3D pen creation will include a notebook with the following:

- a) Copy of the template if used and description of any changes the youth created.
- b) If no template used - an explanation of how the creation was built.
- c) Must include paragraph of what the youth learned while creating their project (i.e. way to improve their next creation)
- d) Paragraph on how 3D pens impact science, engineering, and technology.

*** H-860-009.** 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:

- a. What motivated you to create this project
- b. Software and equipment used
- c. Directions on how to create the project
- d. Prototype of plans
- e. Cost of creating project
- f. Iterations or modifications made to original plans
- g. Changes you would make if you remade the project

ENVIRONMENTAL EDUCATION & EARTH SCIENCE

Superintendents Larry Myers & Billy Jo Tomasek

- All exhibitors are encouraged to show, where applicable, evidence of their personal field experiences, study, or observations that relate to their exhibit. This helps judges understand what the exhibitor did and learned in the process that led to the exhibit. Show proper credit by listing the sources of plans or other supporting information used in exhibits.
- Exhibitor’s name must be on the back or bottom of all displays so that the owner can be identified even if the entry tag becomes separated from the exhibit.
- The word “animal” or “wildlife” in the following instructions includes wild fish, amphibians, reptiles, birds, or mammals. Follow wildlife laws; example: wildlife laws do not allow collection of bird nests, eggs, or any of their parts.
- Board and Poster Exhibits - These are displays that show educational information about a topic of interest. Board exhibits can hold objects such as fishing equipment or casts of animal tracks. Mount all board exhibits on 1/4” plywood, masonite, or similar panel no larger than 24” X 24”. Poster exhibits should be on regular poster sheets, no larger than standard size (22” X 28”) but half size, 22” X 14”, is recommended.

HARD LUCK CLASS ENVIRONMENTAL AND EDUCATIONAL SCIENCE

HL-900-01. An exhibit and a written story about any exhibit that did not turn out the way it was planned. Include what happened, what you learned and what you will do differently next time.

WILDLIFE- one entry per class number.

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

Classes 1-4 are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat, or related conservation. Examples: Life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town, managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats. For more ideas, refer to project booklets.

***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 through 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 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 24 x 24 inches.

***D-340-008.** Wildlife Diorama - box must be no larger than 24" x 24". The exhibit might show grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat. Example: show a large unbroken grassland or prairie for area-sensitive species such as meadowlarks, greater prairie-chicken, lark bunting, grasshopper sparrows, Ferruginous hawk, burrowing owl, horned lark, upland sandpiper, or pronghorn; AND/OR 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 hunting, fishing, or ethics and proper behavior for hunting or fishing. The essay is between 100 and 1000 words long and typed, double spaced on 8 1/2" x 11" 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 following guidelines 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 24" by 24". For example, paintings, or photographs should be displayed in notebook format or mounted on a sturdy display panel. All entries must include a title and brief explanation of the purpose or message (what is the exhibit meant to show).

WILDLIFE HABITAT- 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-insect houses. Make the house functional so that dimensions, hole size, etc. are appropriate to fit the intended species' needs. Indicate the kinds of animal(s) for which the house is intended. Also indicate where and how the house should be located for best use and any seasonal maintenance needed. 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. Indicate the kinds of animal(s) for which the feeder or waterer is intended. Make the feeder or waterer functional so that it fits wildlife needs. Also indicate where and how the feeder or waterer should be located for best use and how it should be maintained. 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 in relation to other equipment. Indicate any personal experiences you've had with the item(s).

***D-343-002.** Build a Fishing Rod- Build your own fishing rod for exhibit and for fishing use. Rod building blanks and kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches length. Exhibit must be mounted on a board and labeled with the member's name, county and class number.

Include with the exhibit the following items as a brief attachment:

1. Explanation of cost of materials/components, where materials/components were purchased, how made, and number of hours required for construction.
2. Identify 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.

Exhibit will be judged on: workmanship, labeling of parts (guides, etc.), correct information, and neatness.

***D-343-003.** Casting Target - make a casting target for exhibit and use, following guidelines in the project booklet, Fishing for Adventure manuals.

***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. Include in your exhibit the purpose of each item, when or where it is used in relation to other equipment, and any personal experience you've 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 or Taxidermy - any legal fish, bird, or other wild animal properly processed by the member. NO requirements as to size or mounting. The exhibit should show the animal's name and include information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

SHOOTING SPORTS- one entry per class number.

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.**

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 – an item with the purpose to safely hold a firearm, bow, ammunition, and/or arrows, examples: soft sided shotgun case, quivers, firearm safe, Include your design, or plans you adapted. Explain how the storage case is used.

***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 for 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

***D-347-004.** Science, Engineering, Technology Advancements of Shooting Sports Essay or Display – Choose a specific area of shooting sports and share how it has advanced, include a timeline and photos or illustrations. Keep your topic narrow and manageable. Essays are limited to 1000 words and should be on 8 ½ x 11 paper.

***D-347-005.** Healthy Lifestyles Plan – Include a shooter'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. 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-347-008.** 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 ½ x 11 paper. Interviews need to include a picture of the interviewee in their work setting, questions asked, and a transcript of answers.

***D-347-009.** Community Vitality Display – Explore the difference shooting sports and hunting make in keeping Nebraska vibrant especially in rural areas. Present facts and research in an interesting way for the public to learn from.

***D-347-010.** 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, or Ecology. This class is for educational exhibits about natural resources, conservation, wildlife, or ecology that do not fit into other categories. Entries must be appropriate for fair display and no larger than 24"x 24". All entries must include a title 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.

ENTOMOLOGY - one entry per class number.

- Specimens should be mounted properly and labeled with the location and date of collection, name of collector, and the order name. Follow mounting and labeling instructions in the old edition of the Nebr. 4-H Entomology Manual online as a PDF.
- Purchased insects and other insects not collected by the 4-Her can be included, but must have accurate labels and will not be counted in meeting minimum requirements for the exhibit.
- Boxes are preferred to be not more than 12" X 18".

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

First year exhibit limited to 4 entries, only one entry per class number.

***H-800-001.** First year project display shall consist 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

Second year, only one entry per class number

***H-800-002.** Second year project display to consist of a minimum of 50 kinds (species) of insects representing at least 8 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of the previous year. Limit 2 boxes.

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

Third year - only one entry per class number.

***H-800-003.** Third year or more project display to consist of a minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of previous year. Limit 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 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.

***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 8" x 10" or 8" x 11" and mounted on rigid, black 11" X 14" poster or matt board. Either orientation is acceptable. No frames or mat board framing is allowed. A caption of a few sentences should explain the subject, and be printed on white paper and glued below the print on the poster or board.

***H-800-007.** Insect Poster/Display Exhibits- Exhibits can be posters or three-dimensional displays, and artistic creativity is encouraged. Posters should be no larger than 22" x 28". They should be instructional and can be attractive and have pictures, drawings, charts, or graphs. Posters and displays may show any aspect of insect life, habitat, or related conservation or management. Examples include life history and other facts about an insect; insect anatomy; how to manage insects in a farm, home, lawn, or garden setting; experiences rearing one kind of insect; survey of an important insect; insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers, or lakes) and what insects are found there, etc. Three-dimensional displays, such as dioramas, sculptures, models or decorative boxes should have a page of explanatory information accompanying them and fit within a 22" x 28" area.

***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.

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

- The official reference for all forestry projects is the Tree Identification Manual (4-H 332) which is available from the Extension Office. Other helpful forestry references include Trees of Nebraska (EC 92-1774-X), Leafing Out (4-H431) and Plant a Tree (EC 17-11-80).
- Display "boards" must be made from wood or wood composite, e.g. plywood, fiberboard or masonite, 1/4" to 1/2" thick and no larger than 24" x 24". Display boards should be coated, e.g. painted or varnished on the sides to prevent warping.
- Display posters must be made from a material, e.g. foam board or poster board that will stand upright without buckling, and be no larger than 24" x 24".
- Display books must measure no more than 16" x 16". At least 5 of the 10 samples in Classes 2, 3, 4, and 6 must be from the list of 60 species described in 4-H 332. Samples must be from 10 different tree species. For example, Emerald Queen Maple and Crimson King Maple are both varieties of the same species (Norway Maple), and thus have the same genus and species name, i.e. *Acer platanoides*. All samples must be from trees, NO shrubs. If more than 10 samples are included in the display, only the first 10 samples from the current year will be judged. 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.
- How well the exhibitor follows written directions is an important factor in judging.

***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 24" x 24" x 24". 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. 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. 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. Each specimen should have a label listing the common name, scientific name, leaf type, leaf arrangement (for broadleaf trees) and leaf composition (for broadleaf trees), collector's name, collection date, collection location (be specific, state and county at a minimum). If a twig is included with a sample, indicate "twig included" on the label. For example, the twig may be included with an eastern red cedar sample because the leaves are very small and difficult to remove from the twig. Supplemental information, e.g. general uses, common products, fall color, etc., may be included to enhance educational value.

***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. 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. 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. Label each specimen, showing the common name, scientific name, leaf arrangement (for broadleaf trees), collector's name, collection date, collection location (be specific including county and other relevant information). Supplemental information, e.g. general uses, tree characteristics, etc., may be included with the display to enhance its educational value.

***D-320-004.** Seed Display - The seed display must include seed samples from at least 10 different tree species. 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. 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. Label specimens and indicate common name, scientific name, type of fruit, if known (e.g. - samara, pod, nut, legume, etc.), collector's name, collection date and collection location (be specific, state and county at a minimum). Supplemental information, e.g. maturity date, average number of seeds in the fruit, etc., may be included with the display to enhance its educational value.

***D-320-005.** Wood Display - The wood display must include wood samples from at least 10 different tree species. Samples may be of any shape, e.g. sections from a board, wood cylinders turned on a lathe, horizontal or vertical cross sections of a small log with bark attached, etc., but all samples should be the same shape, e.g. all wood cylinders or all sections of a board. Each sample can be no larger than 4"x4"x4". Cut surfaces should be sanded to show the grain. Treating samples with a clear finish (no stain) is optional. All collection must be done by the exhibitor. 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. The label for each sample must include; common name, scientific name, wood type (hardwood or softwood), collector's name, collection date and collection location (be specific, state and county at a minimum). Supplemental information, e.g. common products, density, etc., may also be included with the display to enhance its educational value.

***D-320-007.** Cross-Section - Display a disc cut from a tree species listed in 4H 332. The sample must be collected, by the exhibitor, within one year of the state fair judging day. The disc must measure 6 to 12 inches in diameter and 1 to 3 inches thick. The bark should be firmly attached, which may be difficult if the tree was dead when the disc was cut. Sand at least one side of the disc so the grain can be easily seen. If the disc is treated with a clear finish, both sides must be treated to minimize warping. As the disc dries, some cracking or checking can be expected and is allowed. The following parts must be clearly and accurately labeled on the cross section with pins, paper tags, or some other form of identification: pith, heartwood, sapwood, 1 growth ring (beginning to end), cambium, and bark. A separate label attached to the back of the disc must include the common name, scientific name, tree classification (softwood or hardwood), age (of cross section), collector's name, collection date, collection location (be specific, state and county at a minimum).

***D-320-008.** Parts of a tree - This project is only for ages 8-11- Prepare a poster, no larger than 24" x 24" 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-320-006.** Living Tree Display – 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 (at time of fair). The display container must contain at least 8 inches of soil (potting mix or suitable natural soil), have drainage holes and a drain pan to catch drainage water. A waterproof label must be attached and include; common name, scientific name, seed treatments (if any), planting date, emergence date, and exhibitor's name. Supplemental information about the tree, e.g. (where the seed was collected, growth measurements, uses for that species, etc.) may be included in an attached notebook, poster, etc. to enhance educational value. Supporting information will be an important factor in judging.

READING THE RANGE 1/USING NEBRASKA RANGE 2 - one entry per class number.

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

- Individuals in Reading the Range (Unit 1) project may exhibit in Classes 1 through 8 and 10.
- Individuals in the Using Nebraska's Range (Unit 2) project may exhibit in any of the classes 1 through 10.
- Each exhibit must be properly identified with Unit and Class. All plant displays and display covers must be the result of the current year's work.
- 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 and Contest Guide (EC150, Revised July 2009), Common Grasses of Nebraska (EC170) and Common Forbs and Shrubs of Nebraska (EC118).
- For books, plants must be mounted on sheets that are no larger than 14" wide x 14" high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue. Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness and conformation to project requirements. Each completed mount must have the following information (see Extension office for example) 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.

***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 (EC150, Revised July 2009) on pages 3 through 6. Plants can

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

***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.

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 28" by 28" on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side.

***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. Put your name and 4-H county on the back of the poster.

Boards- Boards should be no larger than 30" wide X 36" tall or if hinged in the middle a maximum of 60" wide x 36" tall. Boards should be adequately labeled.

***D-330-008.** Range Plant Board - will include 25 range forage species important to a particular county.

***D-330-009.** Special Study Board - a display of the results of a clipping study, a degree of use study or a range site study, etc.

***D-330-010.** Jr. Rancher Board - exhibit includes the ranch map with record book or an appropriate educational display on some phase of rangeland or livestock management.

PLANT SCIENCE

Superintendents Larry Myers & Billy Jo Tomasek

4-H HORTICULTURE

The cultivar or variety name must be included on all entry forms. 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 superintendents.

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**

Follow the guidelines in "Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit" available at the extension office or Free Download - <http://4h.unl.edu/4hcurriculum/preparingvegetabeshersandfruit> when preparing entries for the fair.

HARD LUCK CLASS PLANT SCIENCE

HL-900-01. An exhibit and a written story about any exhibit that did not turn out the way it was planned. Include what happened, what you learned and what you will do differently next time.

INDIVIDUAL GARDEN VEGETABLES AND FRUITS - one entry per class number. Do Not Duplicate entries.

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

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).

<u>Class</u>	<u>Vegetable</u>	<u># to exhibit</u>	<u>Class</u>	<u>Vegetable</u>	<u># to exhibit</u>
*G-773-201.	Lima Beans	12	*G-773-202.	Snap Beans	12
*G-773-203.	Wax Beans	12	*G-773-204.	Beets	5
*G-773-205.	Broccoli	2	*G-773-206.	Brussels Sprouts	12
*G-773-207.	Green Cabbage	2	*G-773-208.	Red Cabbage	2
*G-773-209.	Carrots	5	*G-773-210.	Cauliflower	2
*G-773-211.	Slicing Cucumbers	2	*G-773-212.	Pickling Cucumbers	5
*G-773-213.	Eggplant	2	*G-773-214.	Kohlrabi	5
*G-773-215.	Muskmelon/Cantaloupe	2	*G-773-216.	Okra	5
*G-773-217.	Yellow Onions	5	*G-773-218.	Red Onions	5
*G-773-219.	White Onions	5	*G-773-220.	Parsnips	5
*G-773-221.	Bell Peppers	5	*G-773-222.	Sweet (Non-Bell) Peppers	5
*G-773-223.	Jalapeño Peppers	5	*G-773-224.	Hot (Non-Jalapeño) Peppers	5
*G-773-225.	White Potatoes	5	*G-773-226.	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. Do not duplicate entries in classes 1-59 with any in the group collection.

*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.

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

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

<u>Class</u>	<u>Herb</u>	<u># to Exhibit</u>	<u>Class</u>	<u>Herb</u>	<u># to Exhibit</u>
<u>*G-773-260.</u>	Basil	5	<u>*G-773-261.</u>	Dill (dry)	5
<u>*G-773-262.</u>	Garlic (bulbs)	5	<u>*G-773-263.</u>	Mint	5
<u>*G-773-264.</u>	Oregano	5	<u>*G-773-265.</u>	Parsley	5
<u>*G-773-266.</u>	Sage	5	<u>*G-773-267.</u>	Thyme	5
<u>*G-773-268.</u>	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.

- 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.

<u>Class</u>	<u>Fruit</u>	<u># to Exhibit</u>	<u>Class</u>	<u>Fruit</u>	<u># to Exhibit</u>
<u>*G-773-280.</u>	Strawberries (everbearers)	1 pint	<u>*G-773-281.</u>	Grapes	2 bunches
<u>*G-773-282.</u>	Apples	5	<u>*G-773-283.</u>	Pears	5
<u>*G-773-284.</u>	Wild Plums	1 pint			
<u>*G-773-285.</u>	Other small fruit or berries, 1 pint (do not duplicate entries in classes 280-284)				
<u>*G-773-286.</u>	Other fruits OR nuts, 5 (do not duplicate entries in classes 280-284)				

Educational Exhibits- one entry per class number.

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

*G-773-290. Garden Promotion Poster - individual poster promoting vegetable or herb gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium so long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled in upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

*G-773-291. Educational Vegetable or Herb Garden Poster - prepare a poster no larger than 14" x 22" x 2" (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. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

*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, full address, 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 22" x 24". Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where several examples of beans may be shown. Attach a card to the back of the display explaining why and how it is important to know which vegetables are related, and site references on where the scientific name information was found. The 4-H 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.

G-773-295. Homemade chia pet

G-773-296. Landscaping article - landscaping rock, stepping stone, etc.

FLORICULTURE- one entry per class number. (do not duplicate entries)

- Youth must be enrolled in World of Flowers and/or Annual Flowers projects to exhibit a maximum of four (4) entries per person. Entries must be the work of the 4-H member.
- 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.**

4-Her Name: **Jane Exhibitor**

4-H Age: **12**

Class #: **G-770-40 Rose**

Variety name: **Hybrid Tea Rose-Amber Queen**

Cultivar: **Rosa**

- 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.
- 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. An exhibitor may enter a maximum of 6 different classes. Only one entry per person per class. Use plain jars or bottle for cut flower entries.
- Follow the guidelines in 4-H "Preparing Cut Flowers for Exhibits" 4H227 (revised 2016) available at the extension office or Free Download - <https://unl.app.box.com/s/2f3a785c67p7qhqasevp6gu6adf3ugon> when preparing entries for the fair.

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.

*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. Statice	*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 classes 1-22)		

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

*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. Statice
*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. Boxes will not be returned at State Fair. Do not duplicate entries in classes 1-45 with any in the group collection.		

Educational Exhibits

***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 14" x 22" 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 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in 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 of the poster.

***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

- Youth must be enrolled in the Growing Great Houseplants project to exhibit in the following classes.
- Container Grown Plants - the choice of container and soil quality will be considered in judging. Each houseplant must be identified. Houseplants should be grown in display container for a minimum of 6 weeks. NebGuide G2205 "Guide to Growing Houseplants" (<http://extensionpublications.unl.edu/assets/html/g2205/build/g2205.htm>) and NebGuide G837 "Guide to Selecting Houseplants" (<http://extensionpublications.unl.edu/assets/html/g837/build/g837.htm>)
- Containers of annual flowers or annual plants (i.e. petunias, geraniums, impatiens) will be disqualified.
- Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, desert gardens or terrariums may be up to 12" in diameter (inside opening measurement). Any container grown plant that is greater than 12" in diameter (inside opening measurement) will be disqualified. Exhibitors must have and provide a saucer to catch drainage water. The 4-Hers name must be on the bottom or back of the container and saucer.

***G-770-060.** Flowering potted houseplant(s) that are blooming for exhibition.

***G-770-061.** Foliage potted houseplant(s) all of the same variety.

***G-770-062.** Hanging basket of flowering and/or foliage houseplants.

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

***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.

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

***G-770-066.** Terrariums - transparent container, partially or completely enclosed, sealed or unsealed.

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.

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 14" X 22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name 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.

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, 4H6110P. 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 22" x 28". 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 22"x 28". 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 22" x 28". 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 22" x 28". 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.

AGRONOMY

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

FIELD CROPS - one entry per class number.

Grain or Plant exhibits-

- A two page (maximum) essay must accompany grain and plant exhibits. The essay 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. The essay 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 essay counts as 50% of the total when judged. Essay must be the original work of the individual exhibitor. Attach the essay to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the essay, 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.
- 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.

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

***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.)

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 28" wide by 28" tall on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name 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.

***G-750-006.** Crop Protection 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 biodiesel, pet bedding, crayons, oil, etc.)

***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 1 person that works with crops about such topics as what parts of their job do they enjoy or dislike, why did they choose that career, what was their education, etc. Include a picture of the person interviewed.

WEED SCIENCE - one entry per class number.

- Any individual in the Conservation, Environment 1, 2 or 3, Range, Reading the Range 1 or using Nebraska Range 2, or Crop Production, Field Crops project may exhibit a weed book or weed display. The book cover and at least 15 of the specimens must represent this year's work. For assistance identifying plants, participants can use the Nebraska Department of Agriculture's Weeds of Nebraska and the Great Plains (1994) or Weeds of the Great Plains (2003).
- Exhibit will be judged on completeness of plant mount, accuracy of identification, label, neatness and conformity to exhibit requirements. Display one plant on the book cover (no label required on cover specimen). Plants must be mounted on sheets that are no larger than 14" wide by 14" high. Proper plant mount should include root as well as stem and leaf tissue. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Each completed mount must have the following information in the lower right corner of the mounting sheet: 1)

Scientific name (in italic or underlined), with authority, 2) Common name, 3) County of collection, 4) Collection date, 5) Collector's name, 6) Personal collection number, indicating the order that plants were collected in your personal collection, 7) Other information depending on class selected, i.e., noxious, life form. This information should be typed or printed neatly.

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

***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.

HEALTHY LIFESTYLE EDUCATION

Superintendent Janice Stuhmer

HARD LUCK CLASS HEALTHY LIFESTYLE EDUCATION

HL-900-01. An exhibit and a written story about any exhibit that did not turn out the way it was planned. Include what happened, what you learned and what you will do differently next time.

SAFETY - one entry per class number.

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

***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 8 1/2" x 11" 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 - one entry per class number.

***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 11" x 14" but not larger than 22" x 28".

***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 8 1/2" X 11" 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 11" x 14" but not larger than 22" x 28".

ATV - one entry per class number.

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

E-460-001. You Be the Teacher - Educational notebook, safety poster, display, or collection of materials that relate to project. Include 8 ½ x 11" page describing exhibit and summary of learning.

TRACTOR SAFETY - one entry per class number.

E-460-002. Tractor Safety Scrapbook - this may be clippings about tractor accidents or articles about tractor safety or accident prevention.

E-460-003. Tractor Demonstration Display - to be exhibited by an individual only. Exhibit should show some part or system of a tractor. Include a brief description of how the part or system functions. Prepare the display on a 24" high x 32" wide board - not to exceed 1/4" in thickness.

FOOD & NUTRITION - Superintendents TBD

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

- Only one entry per class number.
- Exhibits will be judged according to score sheets available at the Extension office. 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 classes.** Prepared baking mixes, biscuit mixes, or other pre-made mixes entered in other categories will be lowered a ribbon placing.
- Ingredients that the 4-H member cannot legally purchase, such as beer, whiskey, rum, etc. may not be used in any recipe or Foods exhibit. Exhibits that include alcohol in the recipe will be disqualified. This includes menu and recipe file exhibits.
- All recipes used must be made from the basic ingredients, not using a mix. If the entry states "recipe from manual," the 4-Her must use the recipe from the 4-H manual. If there is no mention of "recipe from manual," a favorite recipe may be used for the indicated entry. Baked foods may be stored in the freezer prior to being exhibited. Starred items are those eligible for State Fair.

LABELS for FOOD PRODUCTS - Each exhibit must include the recipe. Recipe may be neatly handwritten, photocopied or typed. Place the food on appropriate size plate. Place a label on bottom of plate with your name, name of project. Put exhibit in a self-sealing bag. **Place all information under the plate on the bottom of the bag with food item.**

FOR NON-FOOD ENTRIES - Any cards or special items accompanying an exhibit must include the exhibitor's name.

- Since exhibits are on display several days, it is necessary to limit exhibits to products which hold up well. Items that require refrigeration will not be accepted. Food products must be unquestionably safe to eat when they are entered, whether tasted or not. Egg glazes on yeast products before baking are allowed. Glazes, frostings, and other sugar based toppings are also considered safe due to the high sugar content. Eggs incorporated into baked goods or crusts and cheeses mixed into bread doughs are considered safe. All fruit fillings must be cooked. Uncooked fruit is not allowed in any exhibit due to spoilage (i.e. fresh fruit tart). Cream cheese fillings and/or frostings are not allowed. Meat, dried meat, meat substitute pieces (bacon bits, pepperoni) or melted cheese toppings are not allowed in food exhibits. The may result in an unsafe food product by the time the item is judged due to unpredictable heat and/or weather conditions and will be disqualified.
- Cookies, muffins, brownies, biscuits, pies, one serving of cakes, breads and so forth will remain on display. The remainder of cakes, breads, etc. may be picked up by the exhibitor or leader immediately after judging. Any food items not picked up by 6 p.m. will be sold at the 4-H Food Stand. Label your pan.

SPECIAL FOODS - one entry per class number. Include recipe with exhibit. Special foods exhibits are open to any 4-Her enrolled in any foods project.

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

E-400-001. Gift From the Kitchen in a Recycled Package - prepare a food gift for human consumption and package it creatively using something you have around the house. (Example: yeast product in a basket, cookies in decorative tin or hand decorated box, etc.) Food must be made by 4-Her. On a half sheet of 8 ½" X 11" paper, list for whom the gift is intended, the occasion, the recycled package and anything else you think needs to be shared. Exhibit will be judged on food product inside and outside characteristics, flavor, suitability as gift, and packaging.

E-400-002. Recipe Challenge, Muffins - 4 on a paper plate. Use a favorite muffin recipe. Change it to create a healthier product. (Example: reduce fat and/or sugar, add dried fruit, use liquid shortening, applesauce, add bran cereal.) Include the original recipe and the changed recipe on half sheet of 8 ½" X 11" paper. Indicate substitutions or changes made.

E-400-003. Family Food Exhibit - As a family, do something together related to food. (Example: make a food product together to exhibit, write a story about a family food tradition, take pictures of a favorite family food activity.) You Be the Teacher exhibit or a food exhibit are both acceptable. On a half sheet of 8 ½" X 11" paper, tell how your family worked together, who did what, etc.

E-400-004. You Be the Teacher - Share with others what you have learned in a foods project. You Be The Teacher Exhibit may be a poster, mobile, three-dimensional display, scrapbook, balance beam type exhibit, charts, journals, pictures, slides, equipment, supplies, photographs, puppet play, skit, judging comparison, taped interview, file of ideas, research study, etc. A display may not exceed a total exhibit space of 12" deep, 15" wide and 10" high. Poster may be up to 14" x 22". Pictures, food models, plaster, paper-mache, etc., may be used only if they add to help explain your educational exhibit. Exhibits which contain perishable food should include a color photograph of the food.

E-400-005. Food Made with Amish Friendship Bread Starter

E-400-006. Food Flop - Non-competitive. Did something just not go right as you were preparing your food exhibit for the fair? Bring it anyway! Write a paragraph to tell what "flopped" and what you have learned that you will do different the next time!

DECORATED FOOD ITEMS- one entry per class number.

- Any individual enrolled in a foods project may exhibit in this area.
- Decorated cakes and decorated gingerbread houses are considered as two different kinds of entries. Therefore, 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 decorating experience) regardless of

any previous cake decorating experience. All decorated items should be placed on a base 15" x 15" 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-400-007. Graham Cracker Gingerbread House (first year) to be made and exhibited prior to exhibiting Decorated Gingerbread House. Base of 10" x 10" or smaller

E-400-008. Decorated Gingerbread House - House must be made of gingerbread with edible items and parts and on a base (cardboard, tray, etc.)

E-400-009. Decorated Cake or Cupcake - (candy may be used as part of the decoration)

E-400-010. Decorated Box, Bowl, Block, etc. (candy may be used as part of the decoration)

E-400-011. Any Other Decorated Food Item

Advanced Division

E-400-012. Decorated Gingerbread House - House must be made of gingerbread with edible items and parts on a base (cardboard, tray, etc.)

E-400-013. Decorated Cake or Cupcake

E-400-014. Decorated Box, Bowl, Block, etc.

E-400-015. 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 - Open to any 4-H'er enrolled in a Foods and Nutrition project. Show the connection between food and science as it relates to food preparation, food safety, or food production. Exhibit may be a poster or foam core board (not to exceed 22" by 30"), computer based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity.

***E-350-002.** Foods, and Nutrition - Poster, Scrapbook, or Photo Display - Open to any 4-H'er enrolled in a Foods and Nutrition project, involving a nutrition or food preparation or career concept/lesson. This might contain pictures, captions, and/or reports to highlight the concept. Exhibit may be a poster or foam core board (not to exceed 22" by 30"), computer based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity.

***E-350-003.** Physical Activity and Health Poster, Scrapbook, or Photo Display - Open to any 4-H'er enrolled in a Foods and Nutrition project, involving a physical activity or career concept/ lesson. This might contain pictures, captions, and/or reports to highlight the concept. Exhibit may be a poster or foam core board (not to exceed 22" by 30"), computer based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity.

***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 2019.

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" x 4½" 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. May be baked 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. May be baked in a disposable pan. Include menu for a complete meal where this recipe is served, following meal planning guidelines suggested in Cooking 201.

***E-410-006.** Baking With Whole Grains- any recipe, at least ¾ of baked product or 4 muffins/cookies on a paper plate. May be baked 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 convection oven, baked item made in microwave, etc.) Entry must be at least ¾ baked product, or 4 muffins or cookies on a paper plate. 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.

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

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.

***E-411-001.** White Bread- any yeast recipe, at least ¾ of a standard loaf displayed on a paper plate.

***E-411-002.** Whole Wheat or Mixed Grain Bread- any yeast recipe, at least ¾ 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 NOT FROM A CAKE MIX! - At least ¾ of the cake. Shortened cakes use fat for flavor and texture and recipes usually begin by beating fat with sugar by creaming, and include leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

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

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

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.

***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 some 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

- 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. Spoiled or unsealed container disqualifies entry.
- Uniformity -Jars and type of lid should be the same size, all small or large, not necessarily 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. Improperly canned or potentially hazardous food items will be disqualified.
- Current Project-All canning must be the result of this year's 4-H project, since September 1, of the previous calendar year.
- Criteria for Judging-Exhibits will be judged according to score sheets available at your local Extension office or at <http://4h.unl.edu/county-fair/scoresheets> Incomplete exhibits will be lowered a ribbon class. Canned food items not processed according to altitude in the county will be lowered one class ribbon. Check with the extension office for county's altitude and how that affects food processing times and pounds of pressure.
- Recipe/Labeling -Recipe must be included, and may be handwritten, photocopied or typed. Commercially prepared mixes are not allowed. See <http://food.unl.edu/web/preservation/home> for current USDA guidelines, how to find your Nebraska altitude, and proper procedures for food preservation. Jars should be labeled with name of 4-Her and date of processing.
- All exhibits must include the **4-H Food Preservation Card** attached to the project as the required supporting information or include following information with exhibit:
 - Name of product
 - Date preserved
 - Method of preservation (pressure canner or water bath canner)
 - Type of pack (raw pack or hot pack)
 - Altitude (and altitude adjustment, if needed)

- Processing time
- Number of pounds of pressure (if pressure canner used)
- Drying method and drying time (for dried food exhibits). Write plainly on label and attach securely to exhibit. Multiple dried food exhibits should be secured by a rubber band or "twisty" to keep exhibit containing the 3 self-sealing bags together.
- Recipe and source of recipe (if a publication, include name and date).

Recipes can come from any source but current USDA guidelines for food preservation methods MUST be followed. See <http://food.unl.edu/web/preservation/home> for current USDA guidelines.

UNIT 1 FREEZING PROJECT MANUAL

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

***E-407-001.** Baked Item Made with Frozen Produce- any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. Recipe MUST include a food item preserved by the freezing method done by the 4-Her. 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 PROJECT MANUAL

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

***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 1/4 cup) in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

***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. Use a rubber band or "twisty" to keep exhibit together.

***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. Use a rubber band or "twisty" to keep exhibit together.

***E-407-005.** DRIED VEGETABLES- exhibit 3 different samples of 3 different dried vegetables. Place each food (1/4 cup of each vegetable) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

***E-407-006.** DRIED HERBS- exhibit 3 different samples of 3 different dried herbs. Place each food (1/4 cup of each herb) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

***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. Maybe baked 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 MANUAL

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

***E-407-008.** 1 JAR FRUIT EXHIBIT- exhibit one jar of a canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations.

***E-407-009.** 3 JAR FRUIT EXHIBIT- exhibit 3 jars of different canned fruits. May be three different techniques for same type of product, ex. Applesauce, canned apples, apple pie filling, etc. Entry must be processed in the boiling water bath according to current USDA recommendations.

***E-407-010.** 1 JAR TOMATO EXHIBIT- exhibit one jar of a canned tomato product. Entry must be processed in a boiling water bath according to current USDA recommendations.

***E-407-011.** 3 JAR TOMATO EXHIBIT- exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a boiling water bath according to current USDA recommendations.

***E-407-012.** 1 JAR PICKLED EXHIBIT- one jar of a pickled and/or fermented product. Entry must be processed in the boiling water bath according to current USDA recommendations.

***E-407-013.** 3 JAR PICKLED EXHIBIT- exhibit 3 jars of different kinds of canned pickled and/or fermented products. Entry must be processed in the boiling water bath according to current USDA recommendations.

***E-407-014.** 1 JAR JELLED EXHIBIT- exhibit one jar of a jam, jelly or marmalade. Entry must be processed in the boiling water bath according to current USDA recommendations.

***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 (but all jars must be the same size). Entry must be processed in the boiling water bath according to current USDA recommendations.

UNIT 4 PRESSURE CANNING PROJECT MANUAL

All Entries must be processed according to current USDA recommendations.

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

***E-407-016.** JAR VEGETABLE OR MEAT EXHIBIT- exhibit one jar of a canned vegetable or meat. Include only vegetables or meats canned in a pressure canner according to current USDA recommendations.

***E-407-017.** 3 JAR VEGETABLE EXHIBIT- exhibit 3 jars of different kinds of canned vegetables. Include only vegetables canned in a pressure canner according to current USDA recommendations.

***E-407-018.** 3 JAR MEAT EXHIBIT- exhibit 3 jars of different kinds of canned meats. Include only meats canned in a pressure canner according to current USDA recommendations.

***E-407-019.** QUICK DINNER- exhibit a minimum of 3 jars to a maximum of 5 jars (all the same size) plus menu. Meal should include 3 canned foods that can be prepared within an hour. List complete menu on a 3" X 5" file card and attach to one of the jars.

***E-407-020.** JAR TOMATO EXHIBIT- exhibit one jar of a canned tomato product.

CONSUMER & FAMILY SCIENCE

Superintendent Janice Stuhmer

HARD LUCK CLASS CONSUMER AND FAMILY SCIENCE

HL-900-01. An exhibit and a written story about any exhibit that did not turn out the way it was planned. Include what happened, what you learned and what you will do differently next time.

HUMAN DEVELOPMENT- Only one entry per class number.

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

To learn characteristics of suitable and unsuitable toys and for characteristics of children at various stages of development, please refer to the new 4-H online resource: <https://unl.box.com/s/eoigrjsuq67yvtq1def160mmjuhozvck> What It Takes To Be Your Teen Babysitter. In addition another resource that will assist youth in understanding young children is the Nebraska Early Learning Guidelines- <http://www.education.ne.gov/OEC/elg.html>

Information sheets for Classes 01 - 06:

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

Information sheet for Class 08:

- 1.) What are children this age like? Give 2 examples to show how the kit would be appropriate for children this age.
- 2.) What will the child learn or what skills will they gain by using the kit?
- 3.) What item(s) were made by the 4-Her. 4-Her 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)

Exhibitors in the Human Development project area will be asked to focus on designing toys that meet the different needs of children. Categories are based on the Early Learning Guidelines in Nebraska which identify the important areas our children should grow and develop. Use the Nebraska Department of Education website and the resources around the Early Learning Guidelines to help understand the six areas and the skills children need to develop to create your exhibit, in conjunction with your project manual. <http://www.education.ne.gov/OEC/elg.html>

4-Hers taking **I HAVE WHAT IT TAKES TO BE A BABYSITTER** may enter:

Toy, game, or activity made for a selected and identified age group. The intent is for the toy/game/activity to teach the child in the developmental area related to each class. For example a game that is developed to help youth learn language and literacy skills would be an exhibit for class 2.

Information sheet required or exhibit will be dropped a ribbon placing for classes 1-6.

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 child care 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 information sheet needed.

***C-200-008.** Babysitting Kit - Purpose of kit is for the 4-Her to take this with them when they babysit in someone else's home. Do not make kit for combination of ages or for your own family to use). 4-Her should make one or more items in the kit, but purchased items are also allowed. A list of items in the kit is suggested to be included. Display in box or bag suitable for what it contains. Approximate size not larger than 12" x 15" x 10". All items in kit must be safe for child to handle.

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-Her. 4-Her should make one or more items in the kit but purchased items are also allowed. Most importantly the kit should serve a defined purpose, not just be a catch all for several items.

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's time you can be home alone, and related activities. How responsibilities and privileges are related. Friendships. Working with others. Understanding rules and boundaries. A family tree. A family rules chart. A family meal plan, with pictures of a special family meal. A home safety checklist. Being street smart (safety). A school scrapbook showing yourself and your school activities, memories, and special interests.

***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.

COMMUNITY SERVICE - one entry per class number.

Any 4-Her may participate in the Christmas of Sharing program by bringing a toy or a doll to the fair on entry day. All who participate will receive a special ribbon. The items will be given to the Christmas of Sharing program after the Fair. No premium money will be awarded. Toys and dolls should be made by the 4-Her or recycled from the toy box. No newly purchased toys or dolls are to be entered.

Toys for Christmas of Sharing:

C-210-001. Toy made by 4-Her.

C-210-002. Toy refurbished (cleaned or painted, etc.)

Dolls for Christmas of Sharing:

C-210-003. Dress up-doll dressed with purchased or "used" clothing

C-210-004. Make-Your-Own Clothes - doll dressed with clothes made by 4-Her

C-210-005. Make-Your-Own Doll - 4-Her makes the doll and the clothes.

CONSUMER MANAGEMENT-Entries in Consumer Management are due Sunday, July 28.

GENERAL INFORMATION: Entries shall be posters or notebooks. Posters should be on 14" x 22" poster board. If a three-ring binder is used it should be 8 1/2"x 11"x 1". Video exhibits should be less than 5 minutes in length and be able to be played on a PC using Windows Media Player, Realplayer, or QuickTime Player.

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

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. Exhibitors must be 10 or older as of Jan. 1.

***C-240-001.** Best Buy for Your Buck (Ages 10-13 before January 1 of the current year) - Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). Do not include the Shopping In Style Fashion Show Information Sheet in your entry for this class. Although both entries do share some information, there are differences in content and format for this class.

Provide details about wardrobe inventory which indicates

- why you selected the garment you did
- clothing budget
- cost of garment
- conclusion or summary statement(s) stating your final comments on why you selected your "best buy for your buck"

Provide 3 color photos of you wearing the garment (front, side, back views).

***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 10-13 plus include the following additions:

- body shape discussion
- construction quality details
- 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”.

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 information).

MY FINANCIAL FUTURE - one entry per class number.

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

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

Beginner/Intermediate

***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?

Intermediate/Advanced

***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.

1. What are some benefits of receiving your pay the way you do (salary, commission, or hourly wage)?
2. What are some negative outcomes for getting paid the way you do?
3. Does your pay keep pace with inflation? Why do you think this?
4. 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 the page.

***C-247-010.** Understanding Credit Scores—Watch the video and read the resource listed on page 71. Answer the following questions.

1. Name 3 prudent actions that can reduce a credit card balance.
2. What are the main factors that drive the cost of credit?
3. 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

Superintendents- Beyond the Needle- Billy Jo Tomasek, STEAM Clothing 1 & 2- Candice Muller, STEAM Clothing 3 & Quilt Quest- Darcy Ray

- 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!
- All garments must have a label safety pinned or basted in back neckline facing or back waistband. Label should include exhibitor's name, project name and class in which garment is exhibited. 4-Hers are encouraged to use permanent care labels in all garments sewn and entered.
- Garments as listed may be made for self (4-H member) or another person. 4-Hers 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.
- Pre-entry forms should be submitted to the Extension Office by July 10, 2019. Items must be entered on Tuesday, July 23, 2019 at the 4-H Building for interview judging. Additional entries must be made at least 30 minutes before scheduled interview or modeling.

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-219-001, One (1) easy item. Ex. Needlebook, Square Pin Cushion, Pillow Case.

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

C-219-002, 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-219-003, One (1) more difficult item. Ex. Diagonal Pillow, Patchwork Pillow, Rail Fence Pillow.

C-219-004, Any one (1) other item from any difficulty level.

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 project manual. The Portfolio should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. Portfolio should build upon itself each year (additional pages can be added each year, but should be dated.) See pages 9-11 in STEAM Clothing 2: Simply Sewing project 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 8 1/2 x 11, 3 ring binder. Include an appropriate cover. Textile Science Scrapbook should build upon itself each year (additional pages can be added each year, but should be dated). See project manual for fabric suggestions.

***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" x 30".

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

STEAM= Science, Technology, Engineering, Art and Math

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 – A portfolio consisting of at least three design samples or activities. Refer to the project manual for activity ideas. The Portfolio should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. (Additional pages can be added each year but should be dated.) See pages 14-16 for portfolio formatting.

***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 22" x 30".

***C-221-003**, Embellished Garment with Original Design – Create a garment using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-Her using the elements and principles of design to make an original statement.

***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. Include information on how the fabric was designed – describe the process and materials used and how the fabric will be used. If additional information is not included, exhibit will be lowered one ribbon placing.

***C-221-005**, Garment or Accessory Constructed From Original Designed Fabric - Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added. Include information on how the fabric was designed – describe the process and materials used. If additional information is not included, exhibit will be lowered one ribbon placing.

***C-221-006**, Textile Arts Garment or Accessory - A garment or accessory constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape. A description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.

***C-221-007**, Beginning Fashion Accessory – An accessory designed and constructed using elements and principles of design; can be textile or non-textile based. Examples: shoes, bracelets, scarves, etc. A description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.

***C-221-008**, Advanced Fashion Accessory – An accessory designed and/or constructed using elements and principles of design and advanced skills; can be textile or non-textile based. Example: peyote stitch, bead embroidery, advanced design on tennis shoes, metal stamping, riveting, resin, and etc. A description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.

***C-221-009**, Wearable Technology Garment – Technology is integrated into the garment in some way (for example: LEDs, charging capabilities, sensors, and etc)

***C-221-010**, Wearable Technology Accessory – An accessory constructed integrating technology into the accessory (for example: Charging Backpack, Fitness Tracker, and etc.)

*****The three following levels are not determined by years in the project, but by difficulty level of the entry.**

Garment may be made for 4-H member or another person. Refer to manuals!

UNIT 1- STEAM CLOTHING 1- FUNDAMENTALS - one entry per class number. Exhibitors are limited to 3 entries.

STEAM= Science, Technology, Engineering, Art and Math

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. Check the Construction Skills Checklist in the member's manual for acceptable construction skills and for acceptable fabrics. 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

UNIT 2- STEAM CLOTHING 2- SIMPLY SEWING - one entry per class number. Exhibitors are limited to 3 total entries.

STEAM= Science, Technology, Engineering, Art and Math

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 enrolled in STEAM Clothing 2 may enter an exhibit sharing a learning experience from pages 17-20 in the project manual. Include answers to questions found on page 20 of the manual. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22" x 30".

***C-222-002.** Pressing Matters – 4-H Members enrolled in STEAM Clothing 2 may enter a ham or sleeve roll from pages 21-25 "A Pressing Matter" in the project manual. Exhibit should include answers to lesson questions that are most appropriate to include.

***C-222-003.** 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 "before" picture and a description of the redesign process must accompany the entry.

***C-222-004.** 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 "before" picture and a description of the redesign process must accompany the entry.

***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. 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) (10-18 years)

***C-222-007.** Bottom (pants or shorts) (10-18 years)

***C-222-008.** Skirt (10-18 years)

***C-222-009.** Lined or Unlined Jacket (10-18 years)

***C-222-010.** Dress (10-18 years)

***C-222-011.** Romper or Jumpsuit (10-18 years)

***C-222-012.** Two-Piece Outfit (10-18 years)

***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.

C-222-015. Top (vest acceptable) (8-9 years)

C-222-016. Bottom (pants or shorts) (8-9 years).

C-222-017. Skirt (8-9 years).

C-222-018. Lined or Unlined Jacket or Vest (8-9 years).

C-222-019. Dress (not formal) (8-9 years).

C-222-020. Romper or Jumpsuit (8-9 years)

C-222-021. Two-Piece Outfit (8-9 years).

UNIT 3- STEAM- A STITCH FURTHER - one entry per class number. Exhibitors are limited to 3 total entries.

STEAM= Science, Technology, Engineering, Art and Math

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

Garments as listed may be made from any pattern or any fabric and should demonstrate sewing skills beyond STEAM CLOTHING 2. Entry consists of complete constructed garments only. Wool entries must have the fiber content 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 "before" picture and a description of the redesign process must accompany the entry.

***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 "before" picture and a description of the redesign process must accompany the entry.

***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. Wool entries must have the fiber content listed on the id label to be considered for the *Make it with Wool Award*.
- ***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.

FIBER ARTS-KNITTING & CROCHET-Only one entry per class number.

KNITTED ITEM

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

- 1.) What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s))
- 2.) What steps did you take as you worked toward your goal(s)?
- 3.) What were the most important things you learned as you worked toward your goal(s).
- 4.) Gauge - Number of rows per inch; number of stitches per inch
- 5.) Size of needles, finger knitted, arm knitted, loom or machine knitted
- 6.) Kind of yarn - weight and fiber content
- 7.) Names of stitches used
- 8.) Copy of directions.

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 patterns
- ***C-225-002.** Level 2 Knitted Home Environment Item – Knitted Item using basic stitches [including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo)] to form patterns.
- ***C-225-003.** Arm or Finger Knitted Item (Clothing or Home Environment Item)
- ***C-225-004.** Loom Knitted Item (Clothing or Home Environment 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 Environment Item – Knitted item made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.
- ***C-225-007.** Level 3 Machine Knitting

CROCHETED ITEM - one entry per class number.

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

- 1.) What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s))
- 2.) What steps did you take as you worked toward your goal(s)?
- 3.) What were the most important things you learned as you worked toward your goal(s).
- 4.) Gauge and size of hook or type of crocheting tool.
- 5.) Kind of yarn - weight and fiber content or other material used.
- 6.) Names of stitches used
- 7.) Copy of directions.

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

C-226-000. Level 1 Crocheted Clothing or Home Environment 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 Environment 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 Environment Item – Crochet item using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

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.

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

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

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

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 collections include:

- Jelly Rolls are made of (up to) 40 different strips of 2 ½" wide fabric laying on top of one another and rolled up to look like a jelly roll. The fabric is created by one designer or fabric line and compliments each other. In many cases, less skilled 4-Hers find it difficult to cut narrow strips with a rotary cutter and ruler, so this fabric selection may make it easier as they learn.
- Honey Buns are made like the Jelly Rolls with 1 ½" strips of fabrics.
- Layer Cakes are 10" squares of fabric from a manufactured designer or fabric line with different pieces of fabric "layered" on top of one another to look like a piece of cake.
- Charm Packs are made of 5" squares of coordinating fabric and may be tied up with a string or scrap of fabric.
- Candies are 2 1/2" squares of fabric from a manufactured designer or fabric line
- Turnover is a collection of coordinating fabrics that are cut into 6" triangles.
- Fat Quarters are ½ yard cuts of fabric which are cut in half to make a rectangle that is approximately 18" x 21". (One half yard of fabric yields 2 fat quarters). The "fat quarter" can be more economical to purchase for a smaller quilt because the purchaser does not have to buy the entire yardage width.
- Fabric Kit is a collection of fabrics cut in large pieces to accommodate the requirements of a particular quilt pattern. The 4-Her must cut out all of the smaller squares, rectangles, etc. to make the quilt top according to the pattern directions.

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

A quilted exhibit is made up of at least 3 layers. Fleece blankets are not eligible in this division. Quilts must have a permanent label on the back in the bottom right corner with quilter's name and date of completion.

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 8"x10" print with a definite quilt theme OR a quilt photo story on 14"x22" 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 (two or three dimensional) - 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.

***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 14"x22" 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-229-020.** Quilt Designs Other than Fabric. Two or three dimensional item with quilt design made using medium other than fabric – such as stained glass, paper, etc.

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

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

***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.

***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 8 ½ x 11 inch paper, tell how you selected the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.

***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 8 ½ x 11 inch paper, include an explanation answering the following questions: A) How was the quilt planned and who did what in the construction of the quilt? B) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you learn that you can use on your next project?

***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 8 ½ x 11 inch paper, include an explanation answering the following questions: A) Why was the quilt constructed and who will receive the donated quilt? B) How did you select the design and fabrics used including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you do and what was done by others? D) What did you learn that you can use on your next project?

Guidelines for entries in the following classes - Please note the description of classes. They denote degree of difficulty in construction and not the number of years in the project. A quilt consists of three or more layers. All quilted exhibits must be quilted (hand or machine) or tied. All quilt piecing and finishing must be the sole work of the 4-H member. Quilting, whether machine or hand quilted, may be done by another individual except for the Premier Quilt class. No pre-quilted fabric may be used. Wall quilts must have a hanging sleeve on the back of the quilt, or some method for hanging. All quilted exhibits must be clean and finished for intended purpose. On a half sheet of 8 ½ X 11 inch paper, include an explanation answering the following questions: A) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? B) What did you do and what was done by others? C) What did you learn you can use on your next project?

Indicate size (a, b, or c) with each entry number.

Quilt sizes:

- a. Small - length + width = less than 60" - this size includes miniature quilts, wall hangings, table runners, placemats (4) and pillow. All items must be quilted. Pillows must have a quilted top, not just pieced patchwork.
- b. Medium - length + width = 61" to 120"
- c. Large - length + width over 120"

Quilted exhibits

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

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

***C-229-051.** Medium

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

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

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

***C-229-061.** Medium

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

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

***C-229-071.** Medium

***C-229-072.** Large

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

The entry tag, a description sheet of the fabric and of the garment with the name of the exhibitor & description of the costume must be sent to the Extension Office by July 10, 2019. STEAM 3- A Stitch Further, Knitting & Crocheting and Shopping In Style styling entrants must submit entry forms and narrative sheet to Extension Office by July 10, 2019.

All 4-Hers entering in the Fashion Show must model their garments at 4-H Night to receive premium money. 4-Hers in middle and advanced projects will be allowed a total of 4 entries in the Fashion Revue, not including Shopping In Style, Beyond the Needle, Knitting and Crocheting. Individuals in beginning projects will be allowed 3 entries in Fashion Show, not including Shopping In Style and Beyond the Needle. Discretion is requested in styles modeled for the public show.

The model may carry accessories that the 4-Her has made but will receive only one modeling ribbon.

HARD LUCK FASHION REVUE CLASS

HL-900-001. This class is for exhibits or exhibitors that cannot be shown in the project area. Ex. Exhibitor breaks leg and cannot model. Include story of what you planned on doing with the project, what happened, what you learned from the experience, need to include picture etc.

SEWING FOR FUN PARADE

4-Hers enrolled in Sewing For Fun may participate in the Sewing For Fun Parade on 4-H Night. To participate in this event, 4-Hers must submit a brief description of the item to be carried across the stage by Monday, July 22, 2019.

C-411-001. Any item made from Sewing For Fun project.

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

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

C-411-002. 4-Her age 8-9 years as of Jan. 1 may model 1 Beyond the Needle Embellished Garment with Original Design – Create a garment using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-Her using the elements and principles of design to make an original statement.

C-411-003. 4-Her age 8-9 years as of Jan. 1 may model 1 Constructed Beyond the Needle Garment from an Original Designed Fabric- Fabric is made first and then constructed from the fabric. Garment Constructed From Original Designed Fabric - Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added.

C-411-004. 4-Her age 8-9 years as of Jan. 1 may model 1 Beyond the Needle Textile Arts Garment - A garment constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.

C-411-005. 4-Her age 8-9 years as of Jan. 1 may model 1 Wearable Technology Garment-Garment has integrated technology into its design.

***C-410-010.** 4-Her age 10-18 years as of Jan. 1 may model 1 Beyond the Needle Embellished Garment with Original Design – Create a garment using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-Her using the elements and principles of design to make an original statement.

***C-410-015.** 4-Her age 10-18 years as of Jan. 1 may model 1 Constructed Beyond the Needle Garment from an Original Designed Fabric- Fabric is made first and then constructed from the fabric. Garment Constructed From Original Designed Fabric - Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added.

***C-410-020.** 4-Her age 10-18 years as of Jan. 1 may model 1 Beyond the Needle Textile Arts Garment - A garment constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.

***C-410-025.** 4-Her age 10-18 years as of Jan. 1 may model 1 Wearable Technology Garment-Garment has integrated technology into its design.

STEAM CLOTHING 1: FUNDAMENTALS - one entry per class number. Exhibitors are limited to 3 entries.

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

C-411-006. Simple pull-on pants/shorts/split skirt

C-411-007. Simple skirt or wrap skirt

C-411-008. Simple pull-over top/shirt

C-411-009. Vest

C-411-010. Other simple garment

STEAM CLOTHING 2: SIMPLY SEWING - one entry per class number. Exhibitors are limited to 3 entries.

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 (Sewing for You or Tailoring) projects are not eligible to enter this class.

Nightshirts, flannel lounging pants, or any other types of loungewear can NOT be modeled.

C-411-011. Top (vest acceptable)

C-411-012. Bottom (pants or shorts)

C-411-013. Skirt

C-411-014. Unlined Jacket

C-411-015. Dress (not formal)

C-411-016. Romper or Jumpsuit (8-9 years old)

C-411-017. Two-Piece Outfit Combination (8-9 years old) (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-410-030. Top (vest acceptable) (10-18 years old)

C-410-031. Bottom (pants or shorts) (10-18 years old)

C-410-032. Skirt (10-18 years old)

C-410-033. Unlined Jacket (10-18 years old)

***C-410-034.** Dress (not formal) (10-18 years old)

***C-410-035.** Romper or Jumpsuit (10-18 years old)

***C-410-036.** Two-Piece Outfit Combination (10-18 years old) (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.

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

A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts.

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

***C-410-040.** Dress or Formal

***C-410-041.** Skirted 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.** Unlined Jacket – (non-tailored)

***C-410-046.** Tailored Blazer, Suit Jacket or Coat - additional pieces with blazer, jacket or coat may either be constructed or purchased. Additional pieces with blazer, jacket or coat may either be constructed or purchased.

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.

ATTENTION SHOPPERS & SHOPPING IN STYLE- one entry per class number.

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

Exhibitor may model only one entry. A garment purchased as part of the Attention Shoppers or Shopping In Style projects may be modeled. The project manual or notebook will NOT be used to judge modeling. An entry tag and narrative sheet must be sent to the Extension Office by July 10, 2019.

Models wearing purchased garments will be judged using the same criteria as the models wearing constructed garments. 4-Hers must enter a notebook class in order to model their purchased garments.

C-411-018. Attention Shoppers - Model purchased outfit - ages 8-9 years as of Jan. 1

***C-410-060.** Shopping In Style - Model purchased outfit - ages 10-18 years as of Jan. 1.

\$15 Challenge

C-411-019. 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.)

HOME ENVIRONMENT

Superintendents- Lana Bushhousen & Sydney Bushhousen

1. All Home Environment Entries must be items designed to be used for home decorating, home furnishing or home management (no clothing, purses, notecards, scrapbooks/photo albums, etc.).
2. Accessories should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday specific items are discouraged.
3. Items should show creativity and originality, along with the application of design elements and principles. **Youth are required to include the design elements and principles they used along with simple directions for how they made 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 matboard or artist canvas panels allowed. Wrapped canvas (if stapled, 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. All static exhibits must have received a purple ribbon at the county fair to advance to state fair.
7. 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.
8. **SIZE OF EXHIBITS** –Exhibits may be no taller than 7 feet and no wider than 6 feet. **ALL EXHIBITS MUST BE ABLE TO BE EASILY LIFTED BY 2 PEOPLE.**

Label each separate piece of the exhibit with the exhibitor’s name. Supporting information is required for all Home Environment exhibits. Information must include the elements and principles of design used and steps taken to complete project. Tag template is available at the Extension office or at

HARD LUCK CLASS HOME ENVIRONMENT

HL-900-01. An exhibit and a written story about any exhibit that did not turn out the way it was planned. Include what happened, what you learned and what you will do differently next time.

HEIRLOOM TREASURES - one entry per class number.

This project area is for items with historic, sentimental or antique value that are restored, repurposed or refinished to keep their original look and value.

It is not for "recycled" items. For example, a bench would be considered an heirloom if the original finish is restored, but if decorated by painting it would be considered recycled. Entering highly valuable items (especially small ones) is discouraged, as exhibits are not displayed in closed cases.

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

Attach information including: 1. List of steps taken to complete your project. Before and after pictures are encouraged. 2. 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. (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, 22 x 28, or multimedia presentation (on CD). Show what you learned with before and after pictures or diagrams, samples, story, cost comparisons, optional arrangements, etc.

***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-257-005.** Community Service Activity-Show what was done as a community service activity related to this project. In a notebook, photo story, or poster, show the purpose and results of that activity. Ex: painting a mural at a daycare or 4-H building, helping an elderly person paint or clean their home, etc. May be an individual or club activity.

***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. May be exhibited as a poster or multimedia presentation (on CD).

***C-257-008.** Bedcover - May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts, state who did the quilting. (No fleece 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, slip covers, 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)

***C257-025.** 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, pillow case, table runner, 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.

SKETCHBOOK CROSSROADS- one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.75

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

***C-260-001.** Original pencil or chalk ready to hang. Original Scratch Art accepted here. (p. 10-21)

***C-260-002.** Original ink drawing ready to hang. (p. 22-28)

***C-260-003.** Home accessory made with fiber (p. 29)

***C-260-004.** Home accessory made with felted wool (p. 29-33).

***C-260-005.** Home accessory made with cotton linter (p. 34-36).

***C-260-006.** Home accessory using batik (p. 37-39).

***C-260-007.** Home accessory made by weaving (p. 40-47).

***C-260-008.** Home accessory made with fabric exhibitor has dyed (p. 48-50).

***C-260-009.** Original sculpted or thrown home accessory made with clay (no purchased pots). (p. 53-62).

***C-260-010.** Nebraska Life Exhibit-An art exhibit using one of the techniques in the above classes to show how art can define a sense of place, or life in Nebraska. For example - a pencil or ink drawing depicting life in Nebraska, using natural resources such as native grasses to make a weaving, using natural fibers for felting, or using roots, nuts, plants or flowers to dye fabric. Include the required information listed above and how this project represents life in Nebraska.

C-260-011. Home accessory using quilt design from another culture. Exhibit should include a description of culture and history of design. (p. 51-52).

C-260-012. Recycle: home accessory made with boxes or sculpted cardboard (p. 63-66).

C-260-013. Home accessory carved from Plaster of Paris (p. 69-70).

C-260-014. Wire sculpture. (p. 67, 68, 71, 72)

PORTFOLIO PATHWAYS- one entry per class number.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.75

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

***C-261-001.** Original acrylic painting based on techniques learned in Unit 1 of Portfolio Pathways, framed and ready to hang. (p. 10-35)

***C-261-002.** Original oil painting based on techniques learned in Unit 1 of Portfolio Pathways, framed and ready to hang. (p. 10-35)

***C-261-003.** Original watercolor painting based on techniques learned in Unit 1 of Portfolio Pathways, framed and ready to hang. (p. 10-35)

***C-261-004.** Original sand painting based on techniques learned in Unit 1 of Portfolio Pathways, framed and ready to hang. (p. 10-35)

***C-261-005.** Original encaustic painting based on techniques learned in Unit 1 of Portfolio Pathways, framed and ready to hang. (p. 10-35)

***C-261-006.** Home accessory made with any printing technique in Pathways Unit II. (p. 36-56)

***C-261-007.** Nebraska Life Exhibit-An art exhibit using one of the techniques in the above classes to show how art can define a sense of place or life in Nebraska. For example – solar printing; making prints using shed snakeskin or plant; an acrylic, oil; watercolor painting of scenes of your community or the surrounding area; or using objects from nature to make the painting. Include the required information listed above and how this project represents Nebraska life.

CITIZENSHIP, CIVIC EDUCATION, PERSONAL DEVELOPMENT & LEADERSHIP

HERITAGE - one entry per class number.

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

- An exhibit of items, pictures, maps, charts, slide/tapes, drawings, illustrations, writings, or displays that depict the heritage of the member's family or community or 4-H history. Please note: Exhibits entered at own risk. Will not be responsible for loss or damage to family heirloom items or any items in this division. Displays should not be larger than 22" x 28" wide. Display collections securely in an attractive container no larger than 22" x 28". Pictures and other hanging items must have a wire hanger for display purposes. Exhibits must include Name. All entries must have documentation included.

Level I: (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 - 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-101-015.** 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.
- A-101-016.** Scrapbook (not computer generated)
- A-101-017.** 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/DVD or slide/tape documentary of a family or a community event. Must be produced and edited by 4-H member.
- ***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 - one entry per class number. 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.

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

- Supporting Material: All entries must have a statement explaining the purpose of the exhibit and how the exhibit will be used. Exhibitors are encouraged to show evidence of their personal field experiences, study or observations that relate to their exhibit. This helps the judges understand what the 4-Her did and learned in the process that led to the exhibit. References: All exhibitors should reference material sources or supporting information used in exhibits (i.e., if questions from a game were taken from an outside source, they must be referenced).

***A-120-001.** Care Package Display - This exhibit is a display about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster, Power Point or another multi-media program to tell about the PROCESS of developing and giving a care package to a service organization. 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 measure no more than 16"x16".

***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 24"x28".

***A-120-006.** Written or Recorded Stakeholder Interview - should follow the outline found in the Public Adventures Curriculum. It may be written or recorded.

***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 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.

***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-130-007** –Poster that depicts what you have learned through the i2i Project.

***A-130-008** -- Biography about an historical figure that has made a positive impact on our society or who have made a difference in the lives of others.

***A-130-009** – Play Script written about a different culture.

HARD LUCK PERSONAL DEVELOPMENT & LEADERSHIP

HL-900-001. An exhibit and a written story about any exhibit that did not turn out the way it was planned. Include what happened, what you learned and what you will do differently next time.

ESI: ENTREPRENEURSHIP INVESTIGATION - one entry per class number.

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

- All exhibits are directly related to activities in the project manual. Refer to the manual for ideas, suggestions and additional information to enhance project exhibits.
- Exhibit Guidelines: The 4-Hers name must be listed on the back of the exhibit.
- If exhibit is a poster it must be 14"x22" 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. Posters may be laminated to protect them.

ESI Unit 1 Discover the E-Scene

***F-531-001.** Interview an entrepreneur. Share what you learned from the person about starting and running a business or how they deliver excellent customer service. How will what you have learned through this interview change your future plans or ways of thinking about business? (based on pages 2.1-2.4 of manual)

ESI Unit 2 The Case of ME

***F-531-002.** Social Entrepreneurship Presentation- Prepare a five slide powerpoint presentation about a social entrepreneurship event to benefit a group or individual in your community. Social entrepreneurs are people who are in business to help others. Submit a print out of the note pages which show each slide and include an explanation of each slide. Enter exhibit in a report cover with fasteners (no slide bars). Refer to page 2.4 of Unit 2 The Case of Me for ideas

ESI Unit 3 Your Business Inspection

***F-531-003.** Marketing Package (mounted on a 14" x 22" 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 (8 ½" x 11") 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. Use the three questions on page 3.3 and 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 14" by 22" poster) must include three photos of developed product and a mounted information sheet answering the following questions. If exhibiting in both Class 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.
Use the three questions on page 3.3 and survey at least 10 people in your community about your product.
5. How much would you earn per hour? Show how you determined this figure.
6. What is unique about this product?

ENTREPRENEURSHIP –ALL UNITS

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

COMMUNICATIONS & EXPRESSIVE ARTS

GENERAL- one entry per class number.

HARD LUCK CLASS COMMUNICATIONS AND EXPRESSIVE ARTS

HL-900-001. An exhibit and a written story about any exhibit that did not turn out the way it was planned. Include what happened, what you learned and what you will do differently next time.

COMMUNICATIONS

- Educational resources for youth taking the Communications project can be found at <http://4h.unl.edu/4hcurriculum/communications> .
- Static exhibits in this division will be evaluated on clarity of purpose/message in relation to communication, accuracy of information, originality, creativity, evidence of exhibitor’s learning in this area, and educational value of exhibit to viewers.

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

Communications Module 1

B-154-006. Symbol Scrapbook – Photograph ten symbols and include in a scrapbook that shares where the symbol was observed, what it communicates and other places where it might be observed.

B-154-007. Storyboard a 4-H Project – Create a storyboard that explains the steps that were completed from the beginning to the end of a 4-H project that was previously completed in another area.

B-154-008. Communications Game – Create a quiz game for your family or 4-H club members by selecting topic categories, writing and answering questions within these categories and assigning point values to each question. Place this information on 3” X 5” index cards and display quiz game on a poster board. Explain how this game could be used and its purpose.

B-154-009. Caring Correspondence – Create a formal or informal letter, e-mail or note that shows how much you care, such as a letter of appreciation, a thank you note or a friendship card.

Communications Module 2

Use one or a combination of the experiential activities in the Communications, Module 2 curriculum to create an educational poster or essay sharing with others what you have learned. Topics may include, but are not limited to:

- identifying cultural differences in communication
- developing guidelines for internet etiquette
- evaluating another person’s presentation
- identifying communication careers
- preparing a presentation using a form of technology

***B-154-001.** Poster- Create a poster, measuring either 22”x 28” or 24”x 36”, that showcases what was learned in this project area.

***B-154-002.** Essay- Write an essay (3-5 pages) that showcases what was learned in this project area.

Communications Module 3

Use one or a combination of the experiential activities in the Communications, Module 3 curriculum to create an educational poster, essay, or digital media sharing with others what you have learned. Topics may include, but are not limited to:

- composing a personal resume
- completing research on a speech or presentation topic

- identifying ways to reduce risks online
- evaluating own cell phone usage and etiquette
- critiquing advertisements
- job shadowing a communication professional

***B-154-003.** Poster- Create a poster, measuring either 22”x 28” or 24”x 36”, that showcases what was learned in this project area.

***B-154-004.** Essay- Write an essay (3-5 pages) that showcases what was learned in this project area.

***B-154-005.** Digital Media- Design a form of digital media (advertisement, flyer, short video or presentation, social media or web page, etc.) that showcases what was learned in this project area. Upload the digital media file to an online location (web site, Dropbox, Google Drive, YouTube, Flickr, etc.) and using the web address of the digital media file, create a QR code (using any free QR code creator, ex. qr-code-generator.com). Print the following on an 8.5”x11” sheet of cardstock: 1) the QR code, 2) 1-3 sentences about what viewers will see when they access the QR code on their mobile device.

PHOTOGRAPHY

RULES:

- 4-H members are allowed to exhibit in only one photography unit.
- 4-H members may enter up to three exhibits but no more than one exhibit per class.
- An image may only be used on one exhibit with the exception of the Unit III Portfolio which may include images entered as exhibit prints in other Unit III classes.
- Cameras-Photos may be taken with any type of film or digital camera, including phones tablets, and drones, with the exception of class B181050 which requires a phone or tablet camera
- Manual adjustments are strongly encouraged for Unit III exhibitors.
- Photos must be shot by the 4-H member during the current project year with the exception of the Unit III Portfolios which may include images captured and/or exhibited in previous years.
- Securely attach photos, mats, backing, and data tags. Exhibits that are poorly attached may be disqualified. Do not use photo corners, borders, or place coverings over the exhibits.

Display Exhibits –Display exhibits are allowed in Unit II Classes 20, 30, 40, 50, and 70. Displays consist of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or matboard. 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. Unit II Data Tags are required (see data tag rules).

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).

Data Tags – are required on all photography exhibits. Current data tags and help sheet are available at the Extension office or at

<https://unl.app.box.com/s/1ttnemphrd4szyk15t9xm1ofiezi86js> .

- Unit II Showcases – Each photo in the Showcase must have a separate Unit II Data Tag. Altogether, each Showcase exhibit will have 12 Data Tags. These may be displayed on the page before or after the photos.
- Unit II Prints – All Unit II prints must have a Unit II Data Tag securely attached to the back of the exhibit in the upper right-hand corner.
- Unit III Displays – Each photo of the display must include a separate Unit II Data Tag. Data Tags should be numbered with the corresponding photo’s number. Data Tags should be securely attached to the back of the exhibit.
- Unit III Portfolios–Each image in the portfolio must have a separate Unit III Data Tag. See class description for more details.
- Unit III Prints–All Unit III prints must have a Unit III Data Tag securely attached to the back of the exhibit in the upper right-hand corner.

Unit 1: Focus on Photography- One entry per class number.

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

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 14" x 22" poster board. May be taken with digital camera.

B-180-020. 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 14" x 22" poster board. Imagination and variety are encouraged. May be taken with digital camera.

B-180-030. Photograms - an entry will consist of one photogram developed on 8" x 10" black and white photographic paper, mounted in 11"x 14" cut matting with sandwich backing. Entry will be judged on creativity, use of shapes, texture, black to white color variance, correct exposure, and composition. May be taken with digital camera.

B-180-040. 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 14" x 22" poster board. Pictures may have some overlap. Unwanted excess can be cropped. May be taken with digital camera.

B-180-050. 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 14" x 22" poster board. May be taken with digital camera.

B-180-060. 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 14" x 22" poster board. May be taken with digital camera.

B-180-070. Building/Landscape Picture Display - entry will consist of 5 pictures of 5 different subjects which include buildings and landscape. Three photos will be of one subject and two photos of the other. Display must be mounted on a 14" x 22" poster board. May be taken with digital camera.

B-180-080. People/Animals Picture Display - entry will consist of 5 pictures of 5 different subjects which include people and animals. Three photos will be of one subject and two photos of the other. Display must be mounted on a 14" x 22" poster board. May be taken with digital camera.

B-180-090. 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 14" x 22" poster board. May be taken with digital camera.

B-180-0100. My Favorite Other Picture - any other favorite photo. Exhibit may range in size from 3" x 5" to 8" x 10" mounted in appropriate size cut matting (no frames) with a sandwich mat-board backing (not foam board). May be taken with digital camera.

B-180-0110. Digitally Edited photo- Submit a 5x7 original photo and 5x7 edited photo on an 8 ½ x 11 poster board. State the program used to edit the photo.

Unit II: Controlling the Image- One entry per class number.

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

***B-181-010.** Controlling the Image Showcase: An entry will consist of a three-ring binder showcasing four lessons from the Level 2 Controlling the Image project book. Each lesson showcase should include three separate images. Altogether a showcase will include a total of 12 photos.

- Each lesson should be selected from a different "project area" of the book. For example, you could choose the You Take Control from project area 1, Low Light Challenges from area 2, A Golden Photo from area 3, and Panning the Action from area 4.
- Each lesson showcase should include 3 photos taken by the exhibitor which illustrate the lesson. For example, 3 photos using different shutter speeds or 3 photos showcasing the Rule of Thirds. You will take 12 photos in all.
- The 3 photos should be printed at 4x6 and mounted together on an 8½ x 11 paper.
- Each individual photo must have a separate Unit II Data Tag. These should be displayed on the page before or the page after the photos.
- For each lesson include: 1) a description of the lesson you are illustrating and what you learned, 2) changes you made for each photo (shutter speed, aperture, type of lighting), and 3) which photo of the three is your favorite and why.
- Showcases should be presented in an 8½ x 11 three-ring binder.
- Plastic sleeves are recommended.

***B-181-020.** Lighting Display or Print: entry will consist of a display of 3 pictures of 3 different subjects or an exhibit print that demonstrates lighting effects. (Low lighting, Hard lighting, Soft lighting, Silhouettes and Lighting with a Flash.)

***B-181-030.** Composition Display or Print: Entry will consist of 3 completely different views or angles of the same subject or a print that illustrates one of the following composition lesson in the Level 2 Project Manual (Rule of Thirds, The Golden Photo, Space Tells the Story, Building a Photo and Capture a Candid Photo).

***B-181-040.** Action Display or Print: Entry will consist of a display of 3 pictures or a print which captures action or movement of a subject. (Controlling the Image p. 34-53)

***B-181-050.** Smart Phone Capture Display or Print: Entry will consist of a display of 3 pictures of 3 candid or un-posed shots or a print that captures a candid or un-posed moment. *This class is only for photos captured on a mobile device (phone or tablet)

***B-181-060.** Theme Print-Beautiful Nebraska- Nebraska's state song, Beautiful Nebraska, talks of peaceful prairieland, rivers, hills of sand, dark green valleys, and rainbows reaching to the ground. However, beauty is in the eye of the beholder, and everyone has their own idea of what makes Nebraska great. Entries in the theme print class should capture and share what the exhibitor finds beautiful in or about Nebraska. Exhibitors should explain how their photo fits the Beautiful Nebraska theme when answering question #1 of the Data Tag.

***B-181-070.** Digitally Altered Display or Print: Digitally altered prints/displays must be created using one or more original images taken by the exhibitor. Photos must be digitally altered in some way that results in a new and unique image. This might include adding text, textures, or illustrations, applying digital filters, superimposing multiple images, etc. Exhibitors should clearly explain what digital manipulation was done and what computer software was used to create the exhibit when answering questions #2 of the Data Tag. A copy of the original, unaltered photo(s) (no larger than 4x6) should be attached to the back of the exhibit. This is for the judges' reference and does not need to be a high-quality print.

Unit III: Mastering Photography- One entry per class number.

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

***B-182-010.** Photography Portfolio: Entry will consist of ten photos that represent the strongest collection of the participant's work.

- Portfolios should include a minimum of 10 different 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.
- Photos should represent the 4-H member's strongest collection of work.
- Place photos in a plastic sleeve and present them in an 8½x11 three-ring binder.
- Recommended photo size is 8x10.
- Matting is not necessary.
- Portfolios should include:
 - A narrative describing the overall intent of the portfolio (for example, the portfolio could include a range of work from earlier years in 4-H photography to the present, you could have a creative theme for your portfolio or you could include photos that illustrate your diverse photography skills)
 - A table of contents
 - Titles for each image
 - Unit III Data Tags for each image
 - A paragraph describing how each image contributes to the overall intent of the portfolio.

***B-182-020.** Advanced Lighting Print: Entry will consist of a print that utilizes advanced and creative lighting techniques (Mastering Photography p 18-33).

***B-182-030.** Advanced Composition Print: Entry will consist of a print that demonstrates advanced and creative composition techniques. (Mastering Photography, p. 34-50)

***B-182-040.** Portrait Exhibit Print: entry will consist of a print that captures both physical characteristics and personality in their subjects.

***B-182-050.** Challenging Exhibit Print: entry will consist of a print that illustrates a special effect: 1) Double Exposure; 2) Light Painting; 3) Flash Multiple Exposure; 4) Filters; 5) Night Time Exposure; 6) Digitally altered photos; 7) Other technique not listed. *Remember to answer the additional question for this class on Part B of the data tag.

***B-182-060.** TRUE LEADER EXHIBIT PRINT: Explore true leaders in your community. True leaders can be anyone from community leaders, teachers, and volunteers to parents and friends. So, what sets them apart? What makes someone a true leader? What effect do they have on the people or environment around them? How can you tell their story through photography?

COUNTY ONLY PROJECTS

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. Puppet - Exhibit consists of a puppet made by the 4-Her for use in a theater arts production.

M-300-004. Script - A script written by 4-Her for a play, musical, skit, puppet show or other type of theater arts production.

M-300-005. Stage Set Photography Display - A display of photos of a stage set that was designed and built by the 4-H member. Include description of the photos.

M-300-006. Acting Portfolio - A collection of photographs of the 4-Her acting in a play. Include a written description of the photos.

YOU DESIGN IT or 4-H AFTERSCHOOL - one entry per class number.

- 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. 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" x 24" maximum, or must ask the Extension Office for prior approval (example: restoring an antique tractor, making a dog house).

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.

OFFICERS BOOKS - one entry per class number.

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

M-300-010. Secretary's Book, Treasurer's Book, News Reporter Exhibit

LAPIDARY - one entry per class number.

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

M-300-012. Display of 10 rocks and/or minerals - identified and labeled

M-300-013. Fossil display

M-300-014. Display of at least 5 polished rocks and/or minerals - identified and labeled

M-300-015. Display of 5 polished rocks mounted as jewelry or display items.

4-H GEOCACHE PROJECT - one entry per class number.

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

M-300-016. Geocache - Make your own cache. Include coordinates where you plan to place the cache. Cache can be any size.

M-300-017. Poster - Make a poster of a geocache outing you, your club, or your family went on. Posters must be 14" x 22"..

M-300-018. Scrapbook - Scrapbook your geocache adventures.

M-300-019. Story - Include details such as what inspired you to try geocaching, where you went, if you have made a cache of your own, etc.

4-H COUNTY CONTEST



M-300-020. Individual N|150 Stepping Stone Showcase

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

- 4-H members are invited to show their creativity and University of Nebraska pride by creating a stepping stone that represents the N|150 milestone. Stepping stones will be exhibited at local counties fairs, and one stepping stone from each county will be chosen to be displayed at the Nebraska State Fair at the Raising Nebraska landscape.
- Stepping stones may be made out of any materials. Keep in mind that fairgoers may step on the stones while on display, therefore, they should be durable.
- Stepping stones should be 8 inches by 8-inch squares.
- Design: N|150 themed or In Our Grit, Our Glory themed

- Each county will select one for display at Raising Nebraska. It will not be eligible to be judged in any other class at State Fair.
- Additionally, the Merrick County 4-H Council will award the stepping stone winner with four (4) state fair tickets.

M-300-020a. Club N|150 Stepping Stone Showcase -

1st place will receive \$25, 2nd place will receive \$15 and \$10 for 3rd place.

All other ribbons will receive the following PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

JR. 4-H CAMP- up to three entries

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

M-300-021. This class is for projects made from the current year of Jr. 4-H camp, which will not fit in any other class.

DISCOVER ME...DISCOVER YOU INTER-GENERATIONAL 4-H ENTRIES - one entry per class number.

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

- These exhibits are designed to be used with 4-Hers and adults both participating in the activity. The goal is to show how both the 4-Her and the adult can learn new ideas by participating in the activity together.
- Exhibits in these classes must be exhibits which were completed through the cooperation of different generations. A 4-Her may solicit the help of someone from a different generation in learning about a new 4-H project or skill, or a 4-Her may provide help and instruction to a different generation as they learn or develop a new skill.
- Exhibits should include a narrative report with photos or posters to describe the intergenerational activity. When applicable, the actual product can also be exhibited (horticulture, foods, photography, sewing, etc.) Similar items can also be entered in the specific project area.

M-300-022. History Interview - Maximum of 2 pages, one sided neatly handwritten or typed story of an interview with someone of another generation who is involved or has been involved in a profession of interest to the 4-Her. Consider creativity and style of story. Mount on colored paper or poster board. Include a picture of the person interviewed on first page of written story for display purposes (may be laminated to preserve exhibit). Overall size of mounted exhibit should be no larger than 9" x 12".

M-300-023. Completed project. An inter-generational exhibit will consist of an exhibit in which two or more different generations participated in the completion of the exhibit. The exhibit will contain an information sheet describing the learning and information sharing which occurred during the activity. Questions to answer may include, but are not limited to: 1) What was the most enjoyable part of working with different generations? 2) What was the most interesting thing I learned about the person I was working with? 3) What other interesting ideas did I learn while completing this project?

M-300-024. Story/display of an intergenerational activity which was completed by a 4-Her and someone from another generation.

M-300-025. Story/display of an intergenerational activity which was completed by a 4-H club and a group from another generation.

SMALL ENGINES - one entry per class number.

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

M-300-027. 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-300-028. 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.)

MISCELLANEOUS ENGINEERING - one entry per class number.

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

M-300-029. 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. All items placed on demo-board must be made according to specifications found in the 4-H Rope Scoresheet.

M-300-030. Rebuilt Farm Tractor/Machine

4 WHEELIN' (radio controlled vehicle) - one entry per class number.

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

M-300-031. Poster should exemplify one of the lessons learned in the 4-wheelin project. Posters can be any size up to 14" x 22".

M-300-032. Tool Box - put together using guidelines from the 4 Wheelin' manual. Include a description of the kit's purpose and a list of individual contents.

M-300-033. 4 Wheelin' Vehicle - the vehicle needs to be mounted on a base that is equal to or less than 12" x 12" and the base should be 3/4" thick. Make the vehicle stable. Do not attach sideboards or backdrops to the display. A report, protected with a clear, plastic cover, needs to be included with the following information: 1) vehicle specification; 2) results of driving, pulling and climbing tests; 3) track diagram; 4) pictures.

M-300-034. Track or Course Design Drawing - Scale drawing to actual track or course design. Indicate the direction the course is used with arrows. Display on a 14" x 22" poster.

COUNTY CONTESTS

February 7	6:00 p.m.	Junior Indoor Archery, 4-H Building
February 14	6:00 p.m.	Intermediate & Senior Indoor Archery, 4-H Building
April 8	6:30 p.m.	Public Speaking & PSA, 4-H Building
April 14	4:00 p.m.	BB Gun, 4-H Building
April 14	4:00 p.m.	Air Rifle, 4-H Building
April 14	4:00 p.m.	Air Pistol, 4-H Building
April 27	1:00 p.m.	Shotgun, Sportsman's Club
May 20	6:00 p.m.	Presentations and Performing Arts, Cottonwood Estates, Central City
July 13	8:00 a.m.	Hunting Skills, Fairgrounds
July 13	9:00 a.m.	Outdoor Archery, Fairgrounds
July 20	9:00 a.m.	Bicycle Rodeo, Fairgrounds
July 20	1:00 p.m.	Ice Cream Roll
July 20	3:00 p.m.	Culinary Challenge (Favorite Foods Revue), 4-H Building
July 28	5:00 p.m.	Livestock Judging, Indoor Arena
Tent. Sept. 7	8:30 a.m.	Small Bore Rifle (.22) and Pistol (.22) Contest - Sportsman's Club

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 and competition. Farm Bureau 4-H t-shirt must be worn for county fair competitions.
3. All firearms will be clean and in good working condition. Each firearm will be marked with the member's name with tape on the stock. Shooters are responsible for and must wear ear protection for .22 Rifle and Small Bore Pistol. Safety glasses must be worn for all firearms events. Clear barrel indicators must be used. All ammunition must be separate from the firearm.

INDOOR ARCHERY CONTEST

- 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 7 arrows (club bows may be used). 4-H members may shoot in one class per competition.
- Minimum age is 8 years as of 12-31-2018. Maximum age is 18 years as of 12-31-2018.
- 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.

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

Indoor Junior 8-11 years

M-450-001. Barebow – no device used (includes Genesis bows).

M-450-002. Bow Hunter Freestyle - devices used such as sights, stabilizers no longer than 12", or mechanical releases.

M-450-003. Freestyle – devices used such as sights, stabilizers, or mechanical releases.

M-450-004. Limited Freestyle – devices used including sights and stabilizers. No releases.

M-450-005. Olympic Recurve - any recurve bow with sights, stabilizers, clickers, etc.

Indoor Intermediate 12-14 years

M-450-006. Barebow – no device used (includes Genesis bows).

M-450-007. Bow Hunter Freestyle - devices used such as sights, stabilizers no longer than 12", or mechanical releases.

M-450-008. Freestyle – devices used such as sights, stabilizers, or mechanical releases.

M-450-009. Limited Freestyle – devices used including sights and stabilizers. No releases.

M-450-010. Olympic Recurve - any recurve bow with sights, stabilizers, clickers, etc.

Indoor Senior 15-18 years

M-450-011. Barebow – no device used (includes Genesis bows).

M-450-012. Bow Hunter Freestyle - devices used such as sights, stabilizers no longer than 12", or mechanical releases.

M-450-013. Freestyle – devices used such as sights, stabilizers, or mechanical releases.

M-450-014. Limited Freestyle – devices used including sights and stabilizers. No releases.

M-450-015. Olympic Recurve - any recurve bow with sights, stabilizers, clickers, etc.

BB GUN CONTEST

- 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. 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-4/10 target will be used.
- Minimum age is 8 years as of 12-31-2017. Maximum age is 18 years as of 12-31-2018. If you compete in the BB gun contest, you cannot

compete in Small Bore (.22) Rifle contests or vice versa.

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

M-400-001. Junior 8-11 years

M-400-002. Intermediate 12-14 years

M-400-003. Senior 15-18 years

AIR RIFLE CONTEST

- 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.
- Minimum age is 8 years as of 12-31-2018. Maximum age is 18 years as of 12-31-2018.

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

M-410-001. Junior 8-11 years

M-410-002. Intermediate 12-14 years

M-410-003. Senior 15-18 years

AIR PISTOL CONTEST

- 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.
- Minimum age is 8 years as of 12-31-2018. Maximum age is 18 years as of 12-31-2018.

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

M-420-001. Junior 8-11 years

M-420-002. Intermediate 12-14 years

M-420-003. Senior 15-18 years

SHOTGUN CONTEST

- 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.
- Youth must be 11 years old or older by December 31, 2018.

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

M-440-001. Junior 11-14 years

M-440-002. Senior 15-18 years

HUNTING SKILLS CONTEST

- Wildlife ID: May include but not limited to identification of bones, wings, furs, tracks, scat, sound.
- Hunter Scenarios: May include but not limited to “shoot, don’t shoot” scenarios, hunting regulations, habitat.
- Archery 3D: Need a minimum of four (4) practices with a certified Archery Instructor.
- Youth must have 4 practices with a certified 4-H hunting skills instructor

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

M-460-001. Junior 8-11 years

M-460-002. Intermediate 12-14 years

M-460-003. Senior 15-18 years

OUTDOOR ARCHERY CONTEST

- Outdoor competition will consist of 30 arrows. Juniors will shoot from 5-30 yards, Intermediates will shoot from 5-40 yards, and Seniors will shoot from 5-50 yards. Targets may include 3D and other varying target faces. More detailed rules can be obtained from the Extension Office.

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

Outdoor Junior 8-11 years

M-450-016. Barebow – no device used (includes Genesis bows)

M-450-017. Freestyle – devices used such as sights, stabilizers, or mechanical releases.

M-450-018. Limited Freestyle – devices used including sights and stabilizers. No releases.

M-450-019. Olympic Recurve - any recurve bow with sights, stabilizers, clickers, etc.

Outdoor Intermediate 12-14 years

M-450-020. Barebow – no device used (includes Genesis bows)

M-450-021. Freestyle – devices used such as sights, stabilizers, or mechanical releases.

M-450-022. Limited Freestyle – devices used including sights and stabilizers. No releases.

M-450-023. Olympic Recurve - any recurve bow with sights, stabilizers, clickers, etc.

Outdoor Senior 15-18 years

M-450-024. Barebow – no device used (includes Genesis bows)

M-450-025. Freestyle – devices used such as sights, stabilizers, or mechanical releases.

M-450-026. Limited Freestyle – devices used including sights and stabilizers. No releases.

M-450-027. Olympic Recurve - any recurve bow with sights, stabilizers, clickers, etc.

SMALL BORE (.22) RIFLE CONTEST

- 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 inches from face of closed bolt to end of barrel. 2 ½ minutes for 5 shot intervals
- Youth must be 11 years old or older by December 31, 2018. If you compete in small bore (.22) contests you cannot compete in the BB gun contest, or vice versa.
-

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

Junior 11-14 years

M-430-001. Open Sights

M-430-002. Scope

Senior 15-18 years

M-430-003. Open Sights

M-430-004. Scope

SMALL BORE (.22) PISTOL CONTEST

- 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.
- Youth must be 11 years old or older by December 31, 2018. If you compete in small bore (.22) contests you cannot compete in the BB gun contest, or vice versa.

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

M-430-005. Junior 11-14 years

M-430-006. Senior 15-18 years

PUBLIC SPEAKING CONTEST - one entry per class number.

- All topics must relate to 4-H in some manner. NO visual aids are allowed.
- Juniors for 1-3 minutes; Intermediates for 3-5 minutes and Seniors for 5-8 minutes. PSA’s need to be 60 seconds which includes the specific tagline found at <https://4h.unl.edu/public-speaking>
- The top two seniors, intermediates and juniors in each Speech and PSA division will be selected to participate at the Regional Public Speaking Contest. Only Senior Division regional winners in the Speech and PSA categories will advance to the State Public Speaking Contest.
- Each participant is required to wear the Farm Bureau 4-H t-shirt or 4-H chevron on their name tag, provided.

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

***M-490-002.** Junior 8-10 years

***M-490-003.** Intermediate 11-13 years

***M-490-004.** Senior 14-18 years

***M-490-005.** PSA - Public Service Announcement- All PSA’s are 60 seconds in length. The state theme for the 2019 Public Service Announcement is “Inspire Kids to Do” and should be incorporated in the PSA. All radio PSA’s must promote 4-H and be general enough to be used anywhere in Nebraska at any time of the year. All 4-H PSA’s must include the following tag line within the last ten seconds of the PSA: “Learn more about Nebraska Extension 4-H Youth Development Program at 4h.unl.edu.” The tag line is included in the 60 second time limit. Sound effects and public domain music may be used. Copyrighted material may not be used. All PSA’s must be the original work of the presenter. Contestants may not use PSA’s written and provided by the state or national staff. No team PSA’s are allowed.

PRESENTATIONS CONTESTS - one entry per class number.

Illustrated Presentations

- A 4-H Presentation, given by one (1) individual or a team of two (2) individuals, is a live presentation with a formal talk where youth will use visual aids (such as props, posters, computer-based visuals, handouts, video, etc.) to show and tell others how to do something. Presentations are given on a stage/platform. Judge views the entire presentation and engages in a question and answer session following presentation. Communication modules for youth participating in the 4-H Presentations Contest can be found in the 4-H Project Resource Central found at <https://4h.unl.edu/resources>
- Video examples of the contest can be found at <https://4h.unl.edu/presentation-contest>
- Time limit is 6-8 minutes for a presentation given by an individual, and 8-10 minutes for a presentation given by a team. Participants may be penalized if their presentation exceeds the time limits.
- Each participant is required to wear the Farm Bureau 4-H t-shirt or 4-H chevron on their name tag, provided.
- All Presentations topics should be related to how the youth is learning science, healthy living, citizenship or agricultural literacy.
- Enrollment in the project area in which the participant is making a presentation is not required.
- 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).

- Presenters are expected to clean-up the areas in which they work.
- Presenters using computer-based visuals may bring files on a CD-ROM or a USB drive that is PC formatted. Participants may provide their own computer or other equipment as needed; however, participants must be able to connect their computer to a video and audio VGA plug on screen.
- Live animals of any kind may be used in the presentation. Animals can only remain in the presentation area while the owner is present.
- A slide, video, LCD or overhead projector will be provided for the participants UPON REQUEST.

PREMIUMS:

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

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

Ind.

Team

***B-151-113**

***B-151-116** Illustrated Presentation

***B-151-114**

***B-151-117** Illustrated Presentation, Special Topic:Nebraska Agriculture

***B-151-115**

***B-151-118** Illustrated Presentation, Special Topic: Nebraska Agriculture, Food Preparation

Teaching (Trade Show Exhibit) Presentations

- A Teaching (Trade Show Exhibit) Presentation, given by one (1) individual or a team of two (2) individuals, is a live, interactive, trade show style presentation where youth will continuously engage a constantly-changing/moving audience for 30 minutes by showing and telling them how to do something while answering questions. Multiple (up to 6) Teaching Presentations will be scheduled simultaneously, allowing fairgoers/contest attendees to learn from many 4-H youth at one time. Teaching Presentations are given behind a table amongst 4-H exhibits. Judge occasionally stops to view presentation, ask questions, and observe audience engagement.
- Communications Modules for youth participating in the Teaching Presentations Contest can be found in the 4-H Project Resource Central found at <https://4h.unl.edu/resources> . Video examples of the contest can be found at <https://4h.unl.edu/presentation-contest>
- Participants will present for 30 minutes.
- Each participant is required to wear the Farm Bureau 4-H t-shirt or 4-H chevron on their name tag, provided.
- Teaching (Trade Show Exhibit) Presentations should engage the audience and teach them about something the youth is learning science, healthy living, citizenship or agricultural literacy.
- Enrollment in the project area in which the participant is making a presentation is not required.
- Presenters are expected to clean up the areas in which they work.
- Live animals may be used in the presentation.

PREMIUMS:

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

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

Ind

Team

***B-152-001**

***B-152-003** Teaching Presentation Contest

***B-152-002**

***B-152-004** Teaching Presentation Contest, Special Topic: Nebraska Agriculture

PERFORMING ARTS CONTEST - only two (2) entries per youth.

- Each participant will wear the Farm Bureau 4-H t-shirt or performance outfit with a 4-H chevron on their name tag, provided.
- Groups may not use identification of a specific club, county or organization other than 4-H. Each group must have two or more participants; all must be 4-H members. Clover Kids are ineligible for incentives and any champion awards.
- 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 not more than six minutes
- Selection - any number of songs must be within the six minute time limit.
- 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. 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.
- Song groups may appear with or without a director. The director of a group must be a 4-H member.

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

M-470-001. Variety Show Group - all performing arts, can be skits, readings, musical performances, pantomimes, etc. within the 6 minute limit.

PREMIUM: Purple \$5.00; Blue \$4.00; Red \$2.50; White \$1.50

M-470-002. Variety Solo - all performing arts, can be skits, readings, musical performances, pantomimes, etc. within the 6 minute limit.

BICYCLE RODEO CONTEST - one entry per class number.

- Each participant is required to wear the Farm Bureau 4-H t-shirt.
- Each participant must bring a bicycle to participate. A bicycle may be shared between participants.

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 ROLL CONTEST- one entry per class number.

- Entry may be ice cream in a bag or can.
- Ice and rock salt are provided. Recipe is available at the Extension office.
- The 4-H Member must measure the ingredients, without help, in front of the judge. A friend or another 4-Her may help roll the can for canned ice cream.
- 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

FAVORITE FOODS REVUE- one entry per class number.

- Rosettes will be awarded to the Grand and Reserve Champions in the Junior and Senior Divisions.
- Participants should plan a menu suitable for an indoor or outdoor meal. Prepare one food from the menu and bring it along with selected table service, display cards, and own card table. Recipe prepared may or may not be from a 4-H project manual.
- The food may be an individual or family-size serving. Recipes may be from any part of the menu. The table service will include: dishes, flatware and table linens for one or two place settings. Paper plates, etc. are acceptable. The display cards should be approximately 4" x 6". Print the occasion (example: lunch for bike hike) and complete menu on one card and the recipe prepared on another. Typed cards are acceptable only if the 4-H'er has done the typing.
- Fresh flower centerpieces may be used if the flowers have been arranged by 4-H member. Silk or other centerpieces may be used.
- Displays will be set up by the 4-H'er at the 4-H Building on July 9, 2013. Members will be interviewed and will be asked questions concerning the preparation, the menu or their choice of table service.

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

M-570-001. Junior Division - 8-11 years

M-570-002. Senior Division - 12-18 years

CULINARY CHALLENGE CONTEST (FAVORITE FOODS REVUE) - one entry per class number.

- The Culinary Challenge Contest will require youth to demonstrate healthy decision making through nutrition, food preparation, menu planning, and food safety, utilizing foods and nutrition curriculum. They will apply healthy living knowledge and skills by planning a nutritious menu, demonstrating their understanding of time management skills in the kitchen, and expressing their originality and creativity through an appropriate themed and properly set table.
- Youth will create a menu, prepare one food item, and choose an appropriate theme for their occasion while expressing their food, nutrition and food safety knowledge during a live interview with a judge at the contest. In order to highlight knowledge and skills acquired during pre-contest preparation, youth will utilize technology as part of their interview.
- More information regarding proper table setting guidelines, recipe development resources and food safety guidelines are also available through the website at <http://food.unl.edu/youth/projects>
- Displays will be set up by the 4-Her only.
- Each participant is required to wear the Farm Bureau 4-H t-shirt or 4-H chevron on their name tag, provided.

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

F-500-096. Junior 8-9 years

F-500-097. Intermediate 10-13 years

F-500-098. Senior 14-18 years

LIVESTOCK JUDGING CONTEST - one entry per class number.

- 4-Hers are eligible to participate in the Livestock Judging Contest regardless of project enrollment.
- No assistance allowed unless evidence of handicap is presented. 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

CLOVER KIDS PROJECTS

Clover Kids Guidelines:

- The 4-H Clover Kid Program is for youth between 5 - 7 years of age by January 1 of the current calendar year.
- 4-H Clover Kid exhibitors must be enrolled in a 4-H club or as an individual 4-H member by the enrollment deadline.
- Clover Kids may exhibit at the County Fair and participate in 4-H contests receiving special participation 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 a booth, Herdsmanship, or Performing Arts Contest.

PREMIUM: Special ribbons will be awarded with a premium of \$1.00.

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 14, 2019. 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 8-Only one entry per class number.

CK100-01. Dog

CK100-02. Cat

CK100-03. Hogs

CK100-04. Rabbit

CK100-05. Poultry

CK100-06. Bucket Calf

CK100-07. Goat

CK100-08. Sheep

CK100-09. Companion Animal- for eligible animals see the list on page 16.

EXPLORING FARM ANIMALS-Only one entry per class number.

CK100-10. Critter Drawing - On 8 ½" X 11" paper, draw an animal and identify the body parts.

CK100-11. Animal Story - Handwritten and/or photo story telling how you care for an animal. No more than three photos or three paragraphs. Display in a notebook/binder.

CK100-12. Animal Sculpture - Make a sculpture of your favorite animal using any type of modeling medium (i.e., clay, play dough, bread dough, etc.).

CK100-13. 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.

CK100-14. Create a Critter - Create a critter from parts of animals cut from magazines or drawings.

CK100-15. Display - Display specialized animal parts and tell the purpose of each part.

CK100-16. Animal Collage

CK100-17. Scrapbook - Create a scrapbook of different pets or farm animals. For each animal, include art pictures of feeds that it eats and shelter that it needs.

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 8 ½" X 11" 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 antenna 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 to make a loop.

CK100-31. Sailboats - use any type of medium to create a small sailboat that can really float.

CK100-32. Treasure Hunt collage - on an 11"x14" poster board, make a collage of items you collected outdoors.

SAFETY-Only one entry per class number.

CK100-33. Bicycle Helmet Story - On 8 ½" X 11" paper tell why bicycle helmets are important. No more than two paragraphs. Can include a colored picture or photo.

CK100-34. Hand Signals Poster - On 8 ½" X 11" paper draw and label the three hand signals.

CK100-35. Safe Riding Poster - On 8 ½" X 11" 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 8 ½" X 11" 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 leaders manual.

CK100-54. Mothers Day/Fathers Day/Grandparent's Day Mini Poster - Using half a sheet of poster board (11"X14"), 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 8 ½" X 11" paper make the U.S. flag using medium of choice.

THEATRE ARTS I-Only one entry per class number.

CK100-57. Homemade Puppet - Any puppet will work.

CK100-58. Picture Story drawn on 8 ½" X 11".

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 4 x 6, and no larger than 8 x 10. Glue to an 8 ½" x 11" piece of paper and label at the top the category. You are welcome to write about the picture on the back side 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 Projects

CK100-64. Vegetables- may enter up to 3 vegetables that the Clover Kid helped grow found on page 29-32.

CK100-65. Flowers- may enter up to 3 flowers that the Clover Kid helped grow found on page 29-32.

CK100-66. Houseplants - may enter any plant the child grows indoors

AEROSPACE-Only one entry per class number.

CK100-67. Rocket Drawing - On 8 1/2" X 11" paper draw a rocket. Label the three main parts.

CK100-68. Plane Drawing - On 8 1/2" X 11" 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.

FOODS AND NUTRITION

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)

CK100-76. Farm to Fork recipe or item.

Making Food For Me- Only one entry per class number.

CK100-77. Placemat – Colored and decorated. Lamination or protection with clear contact paper advised. (Center page in Save a Place For Me project book).

CK100-78. Food Cards – Neatly cut and colored Food Cards, in self-sealing plastic bag or other secure container. (Pages 67 - 69 Leader's Guide).

CK100-79. Grain Collage – Neatly cut and pasted pictures of grains cutout and displayed on collage. (Page 40 Leader's Guide).

CK100-80. Dairy Tasting Party – Completed Dairy Tasting Party form from Project Book (Page 17). May be copied or cut from manual.

CK100-81. Protein Collage – Neatly cut and pasted pictures of protein sources and foods displayed on collage. (Page 53 of Leader's Guide).

CK100-82. 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).

CK100-83. Farm to Fork - submit completed placemat from a workshop, or their own drawing of where a food item comes from, or create a picture collage from attending a Farm to Fork class.

DESIGN YOUR OWN

Choose UP TO THREE completed items made during the current 4-H year not specifically listed, which was developed in a Clover Kids project.

CK100-84. Miscellaneous

CLOVER KIDS CONTESTS

LIVESTOCK JUDGING-Please refer to page 64 for rules.

CK100-85. Clover Kids – 5-7 years (may receive help from an adult or older 4-Her).

CULINARY CHALLENGE CONTEST (FAVORITE FOODS REVUE)-Refer to page 63 for rules

CK100-86. Clover Kids – 5-7 years.

ICE CREAM ROLL CONTEST-Refer to page 63 for rules

CK100-87. Clover Kids – 5-7 years (may receive help from an adult or older 4-Her).

PERFORMING ARTS CONTEST-Refer to page 63 for full contest rules.

CK100-88. Clover Kids may perform a solo or with a group.

PRESENTATIONS CONTEST-Please refer to page 62 for rules.

CK100-89. Clover Kids may enter any presentation under 5 minutes.

PUBLIC SPEAKING-Please refer to page 62 for rules.

CK100-90. Recite a poem, the 4-H Pledge, or Pledge of Allegiance

BICYCLE RODEO -Please refer to page 63 for course details.

CK100-91. Control Riding

CK100-92. Slalom

CK100-93. Bike Balance

CK100-94. Figure 8

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 Vo Ag 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 Vo Ag shop shall consist of nail boxes, saw horses, 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 Vo Ag 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 Vo Ag Shop.

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 Vo Ag 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 Vo Ag 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.

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

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 Vo Ag Program.

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

FFA100-10. Metal Lathe Project - Limited to 3 projects per entry number.

Projects made using the metal turning lathe in the supervised Vo Ag Program.

FFA TRACTOR DRIVING CONTEST - one entry per class number.

The contest will be conducted according to the rules set forth in the Nebr. 4-H Tractor Operator's Contest Circular, EC 7-54-2. The contest will be divided into three groups according to age. FFA members and 4-H members will not compete against each other in the contest. 4-H members must be enrolled in the Tractor Safety Project.

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

Contest rules used in State Fair Tractor Driving Contest will apply. Any FFA member from Merrick County may participate until 6 months after high school graduation.

2 wheel	4 wheel	
FFA100-11	FFA100-12	FFA Member
FFA100-13	FFA100-14	4-H 8-11 years (as of 1/1/19)
FFA100-15	FFA100-16	4-H 12-13 years (as of 1/1/19)
FFA100-17	FFA100-18	4-H 14-18 years (as of 1/1/19)
FFA100-19.		Lawn Tractor Driving Contest 8-11 years (as of 1/1/19)

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 4-10 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 2, 2018 OR THEY WILL BE DISCARDED****

LOT/SECTION 35 FARM PRODUCE- Steve and Darla Belitz, Archer, 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.
- 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.
- 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 purposes.
- 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.

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|---------------|-------------------|-------------|---------------|
| 84-Dill | 85-Sweet Basil | 86-Oregano | 87-Sage |
| 88-Tarragon | 89-Thyme | 90-Parsley | 91-Chives |
| 92-Rosemary | 93-Apple Mint | 94-Comphrey | 95-Coriander |
| 96-Lemon Balm | 97-Licorice | 98-Marjoram | 99-Peppermint |
| 100-Mint | 101-Summer Savory | 102-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. Junior exhibitors (12 & under) are encouraged to participate but will not be judged separately. There will be a separate Long Term category.

HOUSE PLANTS

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

- | | | | |
|---------------------------------------|--------------------------------------|--------------------------|-------------------------------|
| 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

Purple \$1.50; Blue \$1.00; Red \$.75; White \$.50

25-Blooming

26-Foliage

PATIO POTTED PLANTS

Purple \$1.50; Blue \$1.00; Red \$.75; White \$.50

27-Flowering Variety (adult)

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

Purple \$1.50; Blue \$1.00; Red \$.75; White \$.50

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 flower arrangement by Jr.

92-Any flower arrangement by nursing home resident

BOUQUET

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

93-All red

94-Red, white and blue

95-Yellow

96-Green

97-Assorted

98-Miniature

99-Other

COLLECTION

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

100-Gladioli (5 kinds)

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 DOMESTIC PRODUCTS- Eddra Ritta, 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.
- One piece will be removed, the remainder may be taken home after judging.
- NO cake mixes.

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

Open Division

Jr. Division

Sr. Division

(Any Age)

(Under 16 years of age)

(Over 75 years of age)

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	21J

CAKES - at least 3/4 cake

Purple \$1.25; Blue \$1.00; Red \$.75; White \$.50

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
39-Best decorated (No false cakes)	39J	39S

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.

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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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.

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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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	70J

PIES

Purple \$2.00; Blue \$1.75; Red \$1.25; White \$.75

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
71-Apple	71J	71S
72-Berry, any kind	72J	72S
73-Butterscotch	73J	73S
74-Cherry	74J	74S
75-Chocolate	75J	75S
76-Coconut	76J	76S
77-Custard	77J	77S
78-Lemon meringue	78J	78S
79-Peach	79J	79S
80-Pumpkin	80J	80S
81-Raisin	81J	81S
82-Other	82J	82S

CANDY (6 pieces)

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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
83-Coconut	83J	83S
84-Divinity	84J	84S
85-Fondant	85J	85S
86-Fudge	86J	86S
87-Mints	87J	87S
88-Peanut brittle	88J	88S
89-Penuche	89J	89S
90-Taffy	90J	90S
91-Other	91J	91S

SNACK MIXES (At least ½ cup on a paper plate in a plastic bag)

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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
92-Popcorn	92J	92S
93-Trail	93J	93S
94-Cereal	94J	94S
95-Other	95J	95S

LOT/SECTION 39 FOOD PRESERVATION- Eddra Ritta, 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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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 16J 16S
(Five jar exhibit must be completely different jars than otherwise exhibited.)

VEGETABLES - Jars must be quart or pint size.
Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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 36J 36S
(Five jar exhibit must be completely different jars than otherwise exhibited.)

SOUPS - Jars must be quart or pint size.
Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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.
Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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.

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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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.

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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
71-Apricot	71J	71S
72-Cherry	72J	72S
73-Gooseberry	73J	73S
74-Grape	74J	74S
75-Peach	75J	75S

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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.

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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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- Eddra Ritta, Superintendent

Entry must be labeled with product name, date of preparation, processing method and processing time.

BUTTERS- All must be in a half pint, pint or jelly jar with a screw lid.
Purple \$1.00; Blue \$.75; Red \$.50; White \$.25

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
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

CANNED MEAT

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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
9-Beef	9J	9S
10-Chicken	10J	10S
11-Fish	11J	11S
12-Pork	12J	12S
13-Sausage	13J	13S
14-Soup meat	14J	14S
15-Other	15J	15S

PICKLES

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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
16-Apple	16J	16S
17-Asparagus	17J	17S
18-Beans	18J	18S
19-Beets, sliced	19J	19S
20-Beets, whole	20J	20S
21-Bread & Butter	21J	21S
22-Cherry	22J	22S
23-Crab Apple	23J	23S
24-Cucumber, dill	24J	24S
25-Cucumber, sweet dill	25J	25S
26-Cucumber, green slicing	26J	26S
27-Cucumber, sweet	27J	27S
28-Jalapeño	28J	28S
29-Lime	29J	29S
30-Mustard	30J	30S
31-Peach	31J	31S
32-Pepper, mango	32J	32S
33-Sweet red	33J	33S
34-Tomato, green, sliced	34J	34S
35-Tomato, ripe	35J	35S
36-Vegetable, mixed	36J	36S
37-Watermelon	37J	37S
38-Zucchini	38J	38S
39-Other	39J	39S

RELISH, CATSUP, ETC.

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

<u>Open Division</u> <u>(Any Age)</u>	<u>Jr. Division</u> <u>(Under 16 years of age)</u>	<u>Sr. Division</u> <u>(Over 75 years of age)</u>
40-Beet	40J	40S
41-Chili sauce	41J	41S
42-Chow-Chow	42J	42S
43-Corn	43J	43S
44-Cucumber	44J	44S
45-Mincemeat	45J	45S
46-Pepper	46J	46S
47-Pizza sauce	47J	47S
48-Salsa	48J	48S
49-Sandwich spread	49J	49S
50-Spaghetti sauce	50J	50S

51-Tomato, catsup	51J	51S
52-Tomato, raw	52J	52S
53-Tomato sauce	53J	53S
54-Zucchini relish	54J	54S
55-Other	55J	55S

DRIED FOODS: Include description of method used to dry the foods. Please 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).

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

<u>Open Division</u> (Any Age)	<u>Jr. Division</u> (Under 16 years of age)	<u>Sr. Division</u> (Over 75 years of age)
56-Apple	56J	56S
57-Apricot	57J	57S
58-Banana	58J	58S
59-Beans, green	59J	59S
60-Beans, yellow	60J	60S
61-Cabbage	61J	61S
62-Carrots	62J	62S
63-Corn	63J	63S
64-Grapes	64J	64S
65-Herbs	65J	65S
66-Okra	66J	66S
67-Onion	67J	67S
68-Peas	68J	68S
69-Peach	69J	69S
70-Pears	70J	70S
71-Plum	71J	71S
72-Potato	72J	72S
73-Zucchini	73J	73S
74-Apple leather	74J	74S
75-Rhubarb leather	75J	75S
76-Tomato leather	76J	76S
77-Beef jerky	77J	77S
78-Pork jerky	78J	78S
79-Venison jerky	79J	79S
80-Chips	80J	80S
81-Other	81J	81S

MISCELLANEOUS

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

<u>Open Division</u> (Any Age)	<u>Jr. Division</u> (Under 16 years of age)	<u>Sr. Division</u> (Over 75 years of age)
82-Cider, homemade	82J	82S
83-Honey, comb	83J	83S
84-Honey, strained	84J	84S
85-Soap, white, homemade	85J	85S
86-Soap, dark, homemade	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 Division</u> (Any Age)	<u>Jr. Division</u> (Under 16 years of age)	<u>Sr. Division</u> (Over 75 years of age)
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.
- 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 article 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-Place mats (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-Bedspread	21-Tablecloth	22-Other
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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

Section I: 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

Section I: 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

LONG STITCH

Purple \$1.50; Blue \$1.00; Red \$.75; White \$.25

1-Picture	2-Pillow	3-Wall Hanging	4-Other
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CREWEL EMBROIDERY

Purple \$1.50; Blue \$1.00; Red \$.75; White \$.25

5-Picture - framed	6-Pillow	7-Wall Hanging	8-Other
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NEEDLEPOINT

Purple \$1.50; Blue \$1.00; Red \$.75; White \$.25

Section I: cotton canvas

9-Furniture 10-Picture 11-Pillow 12-Sampler 13-Other

Section II - plastic canvas

14-Picture 15-Totebag 16-Other

TEXTILE PAINTING

Section I: Purple \$1.50; Blue \$1.00; Red \$.75; White \$.50

17-Garment 18-Pillow cases (2) 19-Tea towel (2) 20-Other

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

21-Quilt 22-Tablecloth 23-Tea towel (set) 24-Other

PATCHWORK

Section I: Purple \$1.50; Blue \$1.00; Red \$.75; White \$.50

25-Pillow 26-Other

NEEDLEPUNCH

Purple \$1.50; Blue \$1.00; Red \$.75; White \$.50

27-Decorated garment 28-Pillow 29-Purse 30-Rug 31-Wall Hanging 32-Other

NEEDLEHOOK

Purple \$1.50; Blue \$1.00; Red \$.75; White \$.50

33-Acrylic rug 34-Other

LATCH HOOK

Purple \$1.50; Blue \$1.00; Red \$.75; White \$.50

35-Pillow 36-Rug 37-Wall Hanging 38-Other

SEWING

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

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 quilts 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-Appiqued 67-Pieced
68-Candlewicked 69-Counted Cross-stitch 70-Hand Quilted 71-Machine Quilted 72-Baby Quilt
73-Over 75 Years of age 74-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

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

20-Baby afghan - crocheted	21-Baby afghan - knitted	22-Baby sheet & pillow case	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	42-China painting	43-Other		

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, Superintendents

No 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.

PAINTING IN OIL OR ACRYLIC

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

1-Abstract	2-Animals	3-Flowers	4-Landscape	5-Number painting
6-Portrait	7-Still life	8-Other originals		

PAINTING IN WATER COLOR

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

9-Abstract	10-Animals	11-Flowers	12-Landscape	13-Portrait
14-Still life	15-Other			

DRAWINGS

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

16-Ink	17-Pastels	18-Charcoal	19-Pencil	20-Other
21-Chalk				

CRAFTS

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

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-Woodburning	46-Plastic canvas
47-Stamp Art	48-Memory Books/Scrapbooks	49-Photo Books	50-Candles	51-Other

Junior Division Crafts-Exhibitor 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

82-Artificial flowers (handmade)	83-Artificial flower arrangement (handmade flowers & container)
84-Bathroom accessory	85-Other original novelty

HOLIDAYS

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

DOLLS

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

90-China head	91-Indian	92-Muslin	93-Knitted	94-Bridle dolls
95-Crocheted	96-Angels	97-Stitched	98-Corn husk	99-Cabbage Patch, etc.
100-Block	101-Raggedy Ann, etc.	102-Pioneer	103-Other	

ANTIQUES

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

Please write a few lines of history (including the age) about the antique entered.

104-Brass, copper or pewter article	105-Silverware	106-China or porcelain article	107-Wearing apparel
108-Cloth article	109-Wooden article	110-Jewelry	111-Books
112-Linen article	113-Toys	114-Metal article	115-Leather
116-Print or document	117-Quilt	118-Other	

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 article is encouraged to protect entries, however, the department cannot assume responsibility for the condition of entries.

PHOTOGRAPHY-Entries limited to 15 photos total per person. Exhibitors must be age 8 as of January 1 of the current year.

- Contestant 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.

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

Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.75

Framed (Color)Regular (Film)

141R - People
 142R - Animals
 143R - Birds
 144R - Flowers
 145R - Still Life
 146R - Landscape-Buildings
 147R - Other
 148R - Enlargement-Unframed

Digital Camera

141D - People
 142D - Animals
 143D - Birds
 144D - Flowers
 145D - Still Life
 146D - Landscape-Buildings
 147D - Other
 148D - Enlargement-Unframed

Framed (Black & White)Regular (Film)

149R - People
 150R - Animals
 151R - Birds
 152R - Flowers
 153R - Still Life

154R - Buildings
 155R - Landscape
 156R - Other
 157R - Enlargement-Unframed

Digital Camera

149D - People

150D - Animals
151D - Birds
152D - Flowers
153D - Still Life

154D - Buildings
155D - Landscape
156D - Other
157D - Enlargement-Unframed

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-Exhibitor 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
3-Woodworking - hand tools - beginning
5-Woodworking - power tools - beginning
7-Rockets - wood fins
9-Electronic equipment from pre-manufactured kit
11-Models (cars, trucks, airplanes, etc.) - advanced

2-Erector sets, Lego's, K'Nex, etc. - motorized
4-Woodworking - hand tools - advanced
6-Woodworking - power tools - advanced
8-Rockets - plastic fins
10-Models (cars, trucks, airplanes, etc.) - beginning
12 - Other

LOT/SECTION 46 STUDENT ARTWORK

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.

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

1-Pre-School	2-Kindergarten	3-First & Second Grades	4-Third & Fourth Grades
5-Fifth & Sixth Grades	6-Seventh & Eighth 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

Individual Displays: First, Second, and Third place awards will be made for the following:

9-Pre-School	10-Kindergarten	11-First & Second Grades	12-Third & Fourth Grades
13-Fifth & Sixth Grades	14-Seventh & Eighth Grades	15-High School	

Entries could consist of Handwork (original), Handwork (illustrated), Handwork (other), Attendance Record (original), Notebook/booklets, or class projects.

Group Projects

16. Missions Poster 17. Missions Project 18. Other

HISTORICAL BUILDING-Bill Bolte, Central City - President

The Merrick County Historical Museum is fully organized and the officers elected, so they will have supervision of the antiques displayed in the museum building and school house during the fair.

You are invited to join the museum for the preservation and education of the heritage of Merrick County.

LOT/SECTION 47 OPEN CLASS POULTRY, BIRDS and RABBITS- Gaylene and Wayne Bennett, Palmer-, Superintendent

Open class poultry and rabbit entries must be made one week in advance of fair dates to assure cages. Individuals or firms will be permitted to enter as many animals as they wish in any one class. 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.

POULTRY

Three placings will be awarded in each class:

1st - \$1.00; 2nd - \$.75; 3rd - \$.50

Classification for all recognized varieties in feather legged, clean legged, standard, and Bantam poultry. Classes for all varieties.

Cock - hatched prior to 2018
Cockerel - hatched during 2018

Hen - hatched prior to 2018
Pullet - hatched during 2018

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.

1-Standard Clean	2-Standard Feather	3-Turkey	4-Geese	5-Pheasants
6-Bantam Clean	7-Bantam Feather	8-Ducks	9-Guineas	

PIGEONS

Three placings will be awarded in each class: 1st - \$1.00; 2nd - \$.75; 3rd - \$.50

- Classification for all recognized varieties in Fancy, Utility, and Flying pigeons. Classes for all breeds: adult cock, adult hen, young cock and young hen.
- In making entries, be sure to supply band number, color, sex, breed and other necessary information.
- All birds will be checked for lice upon entering exhibit area and any sick or diseased birds will not be allowed on the premises.
- All birds must be seamless banded to be eligible for competition.
- Ribbons will be awarded for Best of Breed.
- Exhibitors are limited to 6 entries.

Show will be organized in the following classes:

Young Female (hatched in 2019)	Old Female (hatched before 2018)
Each Breed	Each Breed

Young Male (hatched in 2019)	Old Male (hatched before 2018)
Each Breed	Each Breed

RABBITS

Three placings will be awarded in each class: 1st - \$1.00; 2nd - \$.75; 3rd - \$.50

Breeding	Does	Bucks
Jr. (under 6 months)	13	14
Sr. (over 7 mo.)	15	16

Meat	
19 - Small Fryer (under 4#)	20 - Large Fryer (4-6#)