



2022 Gage County Fair

  Beatrice, Nebraska

deep roots

DUSTY BOOTS

JULY 27 - JULY 31

2022

Fair Book



2022

SCHEDULE OF EVENTS

PEE WEE SHOWMANSHIP

Schedule page 4

4-H/FFA ALUMNI SHOWMANSHIP

4-H/FFA Departments: Dairy, Sheep, Beef, Horse, Swine



pre-fair events

May 1	Gage County Livestock Showdown
May 21	3 G's Horse Show
June 1	Camper Sign-up
June 6-10	District Horse Show, Various locations
June 15	4-H Enrollment Due, Online
June 15	4-H Animal ID Deadline, Extension Office
June 15	Youth for the Quality Care of Animals (YQCA) Certificate Due
June 25	Invitational 4-H Dairy Show, Gage County Fairgrounds
June 27-28	Camp Renegade
July 9-13	State 4-H Horse Show, Fonner Park, Grand Island
July 1-2	Camp Venture
July 15	County Fair Entry Due
July 16	Table Setting and Presentation Contest
July 18	Fashion Show

monday JULY 25

5:00 - 8:00 PM 4-H/FFA Early Bird Static Exhibit Check-in
4-H Building

tuesday JULY 26

10:00 AM - 2:00 PM 4-H, FFA, Clover Kids Static Exhibit Check-in
Noon - 7:00 PM Open Class Non-Livestock Entry
2:15 - 7:00 PM 4-H, FFA, Clover Kids Static Exhibit Judging
4-H Building Closed
5:00 - 7:00 PM Ag Appreciation BBQ, Main Barn

wednesday JULY 27

8:00 AM - 4:00 PM Judging of Open Class Exhibits, Buildings closed
8:00 AM - Noon 4-H/FFA Livestock (except Swine) on grounds
and in place by advertised check-in/weigh-in times.
8:00 AM - 11:00 AM Poultry and Rabbit Check-in, Poultry + Rabbit Barn
10:30 AM - Noon Market Beef Weigh-in, Main Barn
10:30 AM - Noon Breeding Beef, Stocker Feeder, Bucket Calf,
Dairy Goat Check-in, Main Barn
11:00 AM - Noon Broiler Check-in, Poultry + Rabbit Barn
1:00 PM - 1:30 PM Sheep Weigh-in / Check-in, Sheep Barn
1:30 PM - 2:00 PM Meat Goat Weigh-in / Check-in, Sheep Barn
2:00 PM Team Quiz Bowl, 4-H Inc. Building

JULY 27, CONTINUED...

4:30 PM Broiler Show, Poultry + Rabbit Barn
6:00 PM 4-H Companion Animal Show/Open Class Cat Show
Extension Office
6:00 - 9:00 PM "Colors da Clown" Face Painting
6:00 - 11:00 PM DC Pride of Texas Carnival (Midway)
7:00 PM Tuff Nuff Rodeo, Horse Arena
(Tickets: \$10 one night, or both nights for \$15)

thursday JULY 28

4-H Swine on grounds and in place by 10 AM
9:00 AM 4-H/FFA Dairy Show, Main Barn
9:00 AM 4-H/FFA Horse Show, check-in at 8:30 AM
Horse Arena
10:00 AM - Noon Swine Weigh-in, Swine Barn
1:00 PM 4-H/FFA Dairy Goat Show
Open Class Dairy Goat Show
Main Barn
2:00 PM 4-H/FFA Meat Goat Show, Main Barn
4:00 PM Open Class Meat Goat Show, Main Barn
5:00 PM Llama + Alpaca Show, Main Barn
5:30 PM Open Class Sheep Show, Main Barn
6:00 PM 4-H/FFA Sheep Show, Main Barn
6:00 - 9:00 PM Colors da Clown Face Painting
6:00 - 12:00 AM DC Pride of Texas Carnival (Midway)
7:00 PM Tuff Nuff Rodeo, Horse Arena
(Tickets: \$10 one night, or both nights for \$15)
9:00 pm - 1:00 am Beer Garden | Heartland Dueling Pianos

friday JULY 29

8:30 AM Open Class Beef Show
Main Barn
9:00 AM 4-H/FFA Bucket Calf, Beef Showmanship,
Market Beef, Breeding Beef, Stocker Feeder Show
Main Barn
9:00 AM 4-H/FFA Horse Show, check-in at 8:30 AM
Horse Arena
1:00 PM Open Class Poultry Show, Poultry + Rabbit Barn
1:30 PM 4-H/FFA Poultry Show, Poultry + Rabbit Barn
6:00 - 9:00 PM "Colors da Clown" Face Painting
6:00 - 12:00 AM DC Pride of Texas Carnival (Midway)
7:30 PM IMCA Races - Grandstand (\$15 / \$10)
9:00 pm - 1:00 am Beer Garden Band | Pink Cadillac

saturday JULY 30

8:00 AM Open Class Swine Show, Main Barn
8:30 AM 4-H/FFA Swine Show, Main Barn
9:00 AM 4-H/FFA Horse Show, Horse Arena
9:00 AM 4-H/FFA Rabbit Show, Poultry + Rabbit Barn
10:00 AM - Noon First Lego League Demonstrations, 4-H Inc. Bldg

JULY 30, CONTINUED...

1:00 PM	4-H/FFA Livestock Judging Contest, <i>Main Barn</i>
3:00 PM	4-H/FFA Elite Showmanship, <i>Main Barn</i>
4:00 PM	4-H All-Star Awards, <i>4-H Inc. Building</i>
6:00 - 9:00 pm	"Colors da Clown" Face Painting
6:00 - 12:00 am	DC Pride of Texas Carnival: <i>Midway</i>
7:00 pm	Eve of Destruction (\$20)
9:00 pm - 1:00 am	Beer Garden DJ

sunday JULY 31

9:00 AM	Cowboy Church, <i>Main Barn</i>
12:00 PM	Giddy-Up Pony Rides, <i>Main Barn</i> *Register at 11:30 am FREE!

MARKET LIVESTOCK PREMIUM AUCTION

HELD IN THE MAIN BARN

2:00 PM	4-H/ FFA Livestock Parade of Champions
2:30 PM	4-H/FFA Exhibitor Photos Premium Auction 1K Club Recognition 2022 AG and Farm Family Awards Friends of the Fair Awards Presentation of Scholarships
3:00 PM	4-H/FFA Market Livestock Premium Auction



6:00 - 11:00 PM	DC Pride of Texas Carnival: <i>Midway</i>
5:00 PM	Nebraska Bush Pullers Tractor Pull (\$10)
7:00 PM	Release of Static Exhibits, <i>4-H Building</i>
7:00 PM	Release of Livestock Exhibits

monday AUGUST 1

9:00 AM	Grounds Clean-Up and Lunch, 4-H and FFA members, families and volunteers
---------	--

nebraska STATE FAIR

August 10	Livestock and In person contest State Fair Entries due (online) by 8pm
Aug 26- Sept 5	Nebraska State Fair

BUILDING HOURS

Fair Office | 402-223-3247 (*located in Ag Hall*)
June | Tuesday - Thursday, 9 am - 4 pm
July | Monday - Friday, 9 am - 5 pm, Saturday 9 am - Noon

Ag Hall (*Vendors + School Exhibits*)
Merchants Hall (*Open Class Exhibits*)
Wednesday - Saturday: 11:00 am - 10:00 pm
Sunday: Noon - 8:00 pm

Livestock Buildings
Open Daily: 7:30 am - 11:00 pm

4-H Incorporated Building (*4-H Exhibits*)
Wednesday - Saturday: 9:00 am - 9:00 pm
Sunday: 10:00 am - 8:00 pm

Get your Tickets!



TUFF NUFF Rodeo, Horse Arena
Wednesday, July 27th | 7:00 PM
Thursday, July 28th | 7:00 PM

Adults \$10, Kids 6-11 \$5, 5 and under FREE



DUSTY BOOT DEAL!

Buy the Dusty Boots Deal and get BOTH NIGHTS for a reduced price...
Adults \$15, Kids 6-11 \$7.50

IMCA Races

Friday, July 29th | 7:30 PM

Adults \$15, Kids 6-11 \$10
5 and under FREE
Grandstand

Eve of Destruction

Saturday, July 30th | 7:00 PM

All Tickets, All Ages, \$20
Grandstand

Nebraska Bush Pullers

Tractor Pull

Sunday, July 31st | 5:00 PM

Ages 12 and up | \$10
Ages 11 and under | FREE
Grandstand

DC Pride of Texas Carnival
Wednesday - Sunday

Ticket Prices and Times to be announced.
Stay tuned to our website and social media accounts!

Colors da Clown Face Painting
Wednesday - Saturday, 6 - 9 PM

Thank you!



Thanks to the Exmark Community Enrichment Program, 4-H and FFA exhibitors receive a complimentary 2022 Gage County Fair and Expo T-shirt!
Pick up at the 4-H Building.



Thanks to Farm Bureau for sponsoring a free show shirt for our 4-H and FFA kids!
Order yours online by June 15th at go.unl.edu/gcfshowshirt
pick up at the Extension office from July 18 - 22 (the week before the fair)

2022 PRE-FAIR 4-H EVENTS & DEADLINES

- April 10 Public Speaking Contest, Gage County Extension Meeting Room
- May 1 Gage County Livestock Showdown, Gage County Fairgrounds
- May 21 3G's Horse Show
- June 1 Camper Sign up opens @ Ag Hall
- June 6-10 District Horse Show - various locations
- June 15 4-H Enrollment due - online
- June 15 4-H Horse I.D. Deadline - Extension Office
- June 15 Youth for the Quality Care of Animals (YQCA) Certificate due
- June 15 4-H/FFA Livestock I.D. Deadline - Extension Office
- June 25 Invitational 4-H Dairy Show, Gage County Fairgrounds;
- July 9-13 State 4-H Horse Exposition, Fonner Park, Grand Island
- July 15 4-H Static/Livestock Entries Due (online) @ 5 pm
- July 16 4-H Table Setting Contest & Presentations Contest
- July 18 4-H Fashion Show, 4-H Building; entry due July 11
- August 10 Livestock & In person contest State Fair Entries due (online)@8pm
- August 26- September 5 Nebraska State Fair

EXHIBIT AREAS - SCHEDULE	Day	Open	Closed
Gage County Fair Office 402-223-3247	June (Tue-Th)	9:00 am	4:00 pm
	July (Mon-Fri)	9:00 am	5:00 pm
	July (Sat)	9:00 am	12:00 pm
4-H Inc. Food Stand Breakfast	Thurs-Sun	7:30 am	9:30 am
4-H Inc. Food Stand	Thurs-Sun	11:00 am	7:00 pm
4-H Inc. Building 4-H/FFA Exhibits	Wed - Sat	9:00 am	9:00 pm
	Sun	10:00 am	7:00 pm
Merchants Hall - Open Class Exhibits	Wed - Sat	11:00 am	10:00 pm
	Sun	Noon	8:00 pm
Ag Hall Commercial Exhibits	Wed - Sat	11:00 am	10:00 pm
	Sun	Noon	8:00 pm
Livestock Buildings	Daily	7:30 am	11:00 pm
School House	Wed - Sun	10:00 am	8:30 pm

Gage County Fair & Expo Website: gagecountyfair.com
 Gage County Extension Website (4-H Information): gage.unl.edu
**Ask about the benefits of a Gage County Agriculture Society
 Life Membership - \$75.00**



Like us on Facebook

Gage County Fair
 Nebraska Extension in Gage County

OBJECTIVES OF THE GAGE COUNTY FAIR & EXPO

- 1) to provide an opportunity for personal growth and development of youth
- 2) to promote character building: trustworthiness, respect, responsibility, fairness, caring and citizenship
- 3) to provide educational experiences for youth, families and volunteers
- 4) to provide leadership opportunities for youth, families and volunteers
- 5) to practice sportsmanship, show courtesy to exhibitors, judges, show officials and families and accept the results of competition
- 6) to provide recognition for achievement
- 7) to add to the general understanding of the scope of 4-H
- 8) to celebrate living in Nebraska and the midwest

Gage County Agriculture Society Officers

Don Esau	President	Sue Bishop	Secretary
Roger Henrichs	1st V. President	Lisa Wiegand	Treasurer
Loren Trauernicht	2nd V. President	Dustin Fritch	Racing Chair
John McKeever	3rd V. President		

Directors

<u>Term Expires in 2022</u>	<u>Term Expires in 2023</u>	<u>Term Expires 2024</u>
Sue Bishop	Brian Hamel	Bryan Cook
Curtis Rickers	Roger Henrichs	Dustin Fritch
Don Esau	Brent Kostal	John McKeever
Derek Koenig	Colleen Herfel	Scott Parde
Lisa Wiegand	Matt Barnard	Loren Trauernicht

Gage County Agriculture Society Committee Members

Note: Bold denotes committee chair/s

- Camping: **Bishop**, Zarybnicky, Parde, Fritch
- Carnival: **Esau**, Wiegand
- Car Show: **Cook**, Fritch
- Safety, Insurance, Employee Handbook: **Bishop**, Fritch, Kostal
- Parking: **Parde, Hamel**, Koenig, Barnard, Kostal, Rickers
- Beer Garden: **Herfel**, Esau, Henrichs, McKeever
- Scholarship: **Trauernicht**, Kostal
- Racing: **Fritch**, Cook, Wiegand, McKeever,
- Day on the Farm: **Wiegand, Bishop**, Zarybnicky, Folkerts, Rickers, Herfel
- Livestock Auction: **Esau, Koenig**, Cook, Hamel
- Entertainment: **Wiegand, McKeever**, Parde, Koenig, Bishop
- Halls, Grandstand, 4-H Building: **Parde, Cook**, Rickers
- Concessions: **Henrichs**, Herfel, Barnard
- Livestock Barns: **Trauernicht, Rickers**, Esau, Koenig, Kostal, Bishop
- Building & Grounds: **Henrichs**, Parde, Fritch, Hamel
- Open Class/Premium Book: **Wiegand**, Folkerts, Zarybnicky
- Youth Rodeo: **Esau, Bishop**, Rickers, Cook
- Livestock Judges: Henrichs, Trauernicht, Esau, McKeever



Gage County Extension Staff

Jacie Milius	4-H Youth Development Extension Educator
Nicole Stoner	Community Environment Extension Educator
Tara Dunker	Food, Nutrition & Health Extension Educator
Sarah Dannehl	Office Associate

Gage County 4-H Council

Kerri McGrury	President	Payton Smidt	Youth President
Frank Pribyl	V. President	Ryan Rempel	Youth V. Pres.
Kari Bolyard	Secretary	Trevor Parde	Youth Secretary
Lori Rempel	Treasurer		

Members

<u>Term Expires in 2022</u>	<u>Term Expires in 2023</u>	<u>Term Expires in 2024</u>
Jana Mullins	Payton Smidt	Kari Bolyard
	Kelsey Stitt	Frank Pribyl
	Natalie Trauernicht	Kerri McGrury
		Lori Rempel

Term Expires in 2025

- Trevor Parde
- Abigail Kostal
- Braeden Humphreys
- Ryan Rempel

Index

General Rules pg 3-8

Livestock Contests

- 8 Team Quizbowl
- Livestock Judging Contest
- Elite Showmanship

4-H/FFA Livestock

- 9 Beef
- 10 Stocker Feeder
 - Bucket Calf
 - Dairy Cattle
- 11 Dairy Goat
 - Meat Goat
- 12 Sheep
- 13 Rabbit
 - Poultry & Market Broiler
- 15 Swine
 - Llama & Alpaca
 - Companion Animal
- 16 Horse

Animal Science

- 19 Horse & Livestock Project
- Veterinary Science

Plant Science

- 20 Plant Science Theme Exhibits
- County Plant Science Exhibit
- 21 Floriculture & Houseplants
- 22 Vegetables, Herbs, Fruits,
- 23 Educational Exhibits
- Agronomy & Crop Production
- 24 Weed Science

Environmental Education & Earth Science

- 24 Geology
- 25 Range Management
- Forestry
- 27 Wildlife Conservation
- 29 Entomology
- 30 Beekeeping
- Shooting Sports

Science, Engineering & Technology

- 31 Science, Engineering, & Technology Theme Exhibits
- Aerospace (Rockets/Drones)
- 32 Model Building
- Lego & K'Nex Model Building
- Robotics
- 33 Computers
- 34 Physics- Power of Wind
- 35 Electricity
- Geospatial
- 36 Woodworking
- 37 Welding

Healthy Lifestyles, Food & Nutrition

- 38 Foods 4-H Theme Exhibits
- County Food Exhibits
- 39 Cooking 101-401
- 40 Cake Decorating
- 41 Food Preservation
- 42 Safety/First Aid
- Fire Safety

Consumer & Family Science

- 4-H Clothing
- 43 Clothing 4-H Theme Exhibit
- General Clothing
- Beyond the Needle
- 44 STEAM 1-3
- 45 Knitting
- Crochet
- 46 Shopping in Style
- 4-H Home Environment
- 46 Home Environment 4-H Theme Exhibit
- 47 Design My Place
- Design Decisions
- Leathercraft
- Visual Arts 1-2
- 48 Heirloom Treasures
- Quilt Quest
- 50 Heritage
- Human Development
- 51 My Financial Future

Communication & Expressive Arts

- 52 Photography 4-H Theme Exhibits
- Photography
- 53 Communications

Leadership & Citizenship

- 54 Nebraska 4-H Gives Back
- Youth At Work Leadership Grant
- 4-H Club Leadership
- Citizenship
- 55 Entrepreneurship
- Leadership

Miscellaneous

- 56 Camp Renegade/ Camp Venture
- Educational Exhibit

4-H Contests

- 56 4-H Public Speaking
- 4-H Table Setting Contest
- 4-H Presentations Contest
- 57 4-H Fashion Show
- 58 Performing Arts Contest
- Horticulture Judging Contest
- Insect Identification Contest

Clover Kids

- 58 Contests
- Science & Technology
- Community and Expressive Arts
- Healthy Lifestyles
- 60 Environmental & Earth Science
- Personal Development
- Citizenship & Civic Education
- 61 Consumerism & Family Science
- Plants & Animals
- Miscellaneous

FFA Exhibits

- 62 Ag Mechanics
- Welding
- Crops
- Range Boards



4-H AND FFA DIVISION

4-H/FFA Entry Website: gage.fairwire.com



4-H is the University of Nebraska-Lincoln Extension education program for youth. 4-H is a community of young people across America who are learning leadership, citizenship and life skills. 4-H youth "Learn by Doing." The primary goals of 4-H are to help youth develop competency in their projects, confidence in themselves and others, connections to their communities, life skills, and good character. One of our goals is personal growth of the individual - not grand champion projects, but grand champion kids! We celebrate the success of youth in 4-H and FFA.

The Gage County Fair & Expo is the showcase for 4-H and FFA members to share what they have learned and accomplished throughout the year. Livestock projects are intended to teach youth how to feed, fit and show their animals. The 4-H Council recognizes that 4-H and FFA is a family affair and that youth need assistance. The 4-H Council hopes that each family will recognize the times when assistance is needed and the times when the member needs to learn and work on their own. Thank you for your support!

GENERAL RULES AND REGULATIONS

COUNTY FAIR W/COVID-19

It is the priority of the Gage County Ag Society and Gage County Extension Staff to provide learning opportunities for youth in a safe environment. The Ag Society and Extension Staff aim to retain the mission of 4-H/FFA while prioritizing safety. **If you choose to enter in the Gage County Fair, you do so at your own risk.** While we anticipate having a "normal" fair this year, there is always a chance that we will need to make changes in policies and procedures to accommodate for COVID-19. Please remain up-to-date by following the Gage County 4-H Newsletter, found on the Gage County Extension website, gage.unl.edu.

ENTRY FOR GAGE COUNTY FAIR

Youth must be enrolled in project area to exhibit (v2.4honline.com) by June 15th. All 4-H/FFA animal and static exhibit entries for the Gage County Fair & Expo must be entered online at gage.fairwire.com. Deadline for online entry is July 15, 5:00 p.m. Entries will be accepted after the deadline, up until exhibit check-in at the Gage County Fair. However, premiums (money associated with ribbon color earned) will be forfeited for each late entry. All entries must be the result of current projects of members enrolled in 4-H in Gage County during the current year or students of Vocational Agriculture during the 2021-2022 year.

The greatest possible care will be used by the Gage County Agriculture Society, Extension Staff, and County Fair Superintendents to prevent loss, theft or injury to any article, animal or exhibit. The Gage County Agriculture Society, while using every precaution, will not be responsible for loss or damage to any article or animal, nor will an officer or employee of the Fair be permitted to negotiate insurance or to make any guarantee whatsoever regarding the same. Property owners desiring insurance against fire or other protection must make their own arrangements therefore, no officer or employee has any authority to suspend or change this rule.

SUPERINTENDENTS

Must be on the grounds during entry day of the Fair to receive all articles belonging to their departments and see that they are arranged in proper places for exhibition. Each superintendent is directed to familiarize themselves with their duties in keeping proper records, appointing of assistants, filing reports and returning all books and records of their departments. Superintendents will work with Extension Staff to work through any issues that arise.

JUDGING STANDARDS & AWARDS

Exhibits are judged according to research-based standards that indicate level of performance or quality of work. Purple ribbons designate an exhibit of superior quality that has met and exceeded all of the standards. Blue ribbons denote an above average exhibit that has met almost all of the standards in a way that surpasses the norm. Red ribbons indicate average quality and indicate that the exhibit has met the majority of standards in such a way that the benchmark was reached, but not exceeded. White ribbons indicate that the exhibit has not met the majority of the standards.

Judges are requested to read the general and special rules under which this fair is managed, prior to entering upon their duties. Judges should especially note rules in the areas they are judging.

Championship Criteria: To be eligible for a class project champion, breed champion, Grand or Reserve Champion, etc., the **animal or exhibit must receive a purple ribbon.**

Awards: Ribbons will be awarded. Top exhibits (i.e. Overall Champion/Reserve Champion/Outstanding Exhibitor) will get to choose their award. Award choices for 2022 include: trophy, \$25 check, or third award to be decided. Award winners must send a Thank You note prior to receiving their award.

COUNTY AND STATE FAIR CLASSES

Gage County fairbook classes are formatted to match the Nebraska State Fair fairbook. Classes marked WITH an * are county fair only classes and are not eligible for State Fair. Classes WITHOUT an * are eligible for State Fair competition.

At the Nebraska State Fair, when the presence of the 4-H member is not required, the exhibitor must be 4-H age 8 as of January 1, 2022. When the presence of the 4-H member is required, such as showing livestock, Judging Contest, Fashion Show, or Presentations Contest, youth must be 10 years of age by January 1, 2022 through age 18.

All animals and in-person contests will be entered online through ShoWorks by 4-H member/family. Deadline: August 10, 8:00 pm.
State Fair Entry website: nebr.fairwire.com

NATIONAL 4-H EVENT/CONTEST SPONSORSHIP

If funds are available, the Gage County Ag Society will provide a \$200 award for a Gage County 4-H member selected to attend National 4-H Congress or National 4-H Conference.

Gage County Ag Society will provide \$100 award for a 4-H member who qualifies to represent Nebraska at a national event. Youth may receive the monetary award one time per event.

GREAT FANS. GREAT SPORTS.

When competition is part of an event, it should be clearly understood that competition is secondary in importance to the education and development of youth. Ribbons and trophies are a small part of competition. We ask you to remember the importance of good sportsmanship and what youth projects are meant to teach. When new skills are learned or old ones perfected, we have excelled beyond the ribbon we receive. Parents and other adults are powerful influences on children's behavior; we ask for your cooperation.

4-H/FFA LIVESTOCK

GENERAL RULES

CHECK-IN & WEIGH-IN

All animals must be in place before their check-in/weight-in time ends. Bring I.D. sheet, registration paper (when required), and check-in card with animal to check-in site:

Breeding & Market Beef- Scale area southeast side of main livestock barn

Wednesday, July 27, 10:30-12:00 pm

Dairy, Dairy Goats, Bucket Calves, Stocker Feeders- Southwest side of main livestock barn

Wednesday, July 27, 10:30-12:00 pm

Breeding & Market Sheep, Llama- Sheep Barn

Wednesday, July 27, 1:00-1:30 pm

Breeding & Meat Goat- Scale area, Sheep barn

Wednesday, July 27, 1:30-2:00 pm

Poultry, Rabbit - Poultry & Rabbit Barn

Wednesday, July 27, 8:00- 11:00 am

Broiler - Poultry & Rabbit Barn

Wednesday, July 27, 11:00- 12:00 pm

Breeding & Market Swine- Scale area, swine barn

Thursday, July 28, 10:00-12:00 pm

Horse: One hour preceding show each day, horse arena (check-in)

LIVESTOCK IDENTIFICATION & ENTRY

Livestock ownership must be verified on the appropriate I.D. forms due in the Extension Office on or before **June 15** for livestock and horses. All livestock with an EID tag are required to provide a Premises ID on livestock I.D. sheet (All hogs are required to have an EID tag to exhibit at the Gage County Fair). Contact the NE Department of Agriculture for information on Premises ID. All Livestock I.D. Sheets will be checked by Extension Staff and the Gage County Ag Society at check-in.

All 4-H/FFA animal entries for the Gage County Fair & Expo must be entered online at gage.fairwire.com. **Deadline for online entry is July 15, 5:00 pm.** *This is not the same as 4-H Enrollment.

Each exhibitor must show their own entry. A substitute showman may be used only in case of accident or illness. A substitute showman must be a 4-H or FFA member who is eligible and exhibiting at this fair. An exhibitor with more than one animal in a class need not secure approval for another 4-H/FFA member to show the additional animal.

4-H or FFA member cannot exhibit in the same project area in more than one county or state in the same year. **4-H or FFA project or animal may be shown at only one county fair.** Ex: Beef (bucket calf, stocker feeder, market beef and breeding beef are among those listed within the beef project area), clothing, horse, foods, etc.- Nebraska 4-H Policy and Procedures Handbook. **An animal may be shown only once, either in 4-H/FFA Show or Open Class Show at the Gage County Fair.**

4-H/FFA exhibitor must be able to exhibit and be in control of his/her animal in the show arena without assistance of another youth or adult. Exception is handicapped youth.

ENTRY REGULATIONS

4-H and FFA Maximum Entry Per Exhibitor: 4 dairy cattle, 4 dairy goats, 4 meat goats, 4 breeding meat goats, 2 breeding beef, 2 market beef, 2 stocker-feeder calves, 4 market hogs, 3 breeding gilts, 4 breeding sheep, 4 market lambs, 4 horses, 2 bucket calves, 9 rabbits, 4 meat rabbits, 8 standard or bantam birds, 2 broiler, 2 broiler pen, 1 trio or production trio, 1 single meat duck or goose, 1 meat duck or goose pen, 8 waterfowl, 6 pigeons, 2 egg displays, 4 turkeys, 1 peafowl, 2 guinea, and 4 additional poultry entires.

Exhibitor may show the maximum number of both FFA and 4-H entries - if an active member in a FFA chapter and enrolled in Gage County 4-H.

REGISTERED BREEDING ANIMALS

To be shown in a registered (purebred) class, animals must be recognized as registered by their national breed association. Registration certificate must indicate: 1) the name of the exhibitor, 2) name of the exhibitor and/or co-owner who is an immediate member of the exhibitor's family, or 3) the family or ranch name or parent's name. Registration must be completed by fair date. Original registration must be presented at check-in. Animal not meeting these criteria will be shown in commercial class.

STALLING AT FAIR

All swine, un-freshened dairy and goats, sheep, horses, market beef, breeding beef, and bucket calves entered must be stalled at the fair. Stocker feeder calves must be stalled if they are weaned. Producing dairy and goats need only come in for the day of the show. A youth must stall one producing cow/goat at the fair if they have only producing cow(s) or goat(s) entered.

RELEASE

Non-livestock and livestock exhibits are released Sunday, July 31, 7:00 pm. Animal exhibits may be removed only for written animal health reasons as stated by the fair veterinarian. No premium will be paid if removed from the grounds before stated time.

SHOWMANSHIP

All livestock exhibitors will automatically be entered into showmanship contests, no online entry needs to be made. Exhibitors are not required to participate in showmanship and should notify the Extension Staff during check-in if they DO NOT want to participate.

Security First Bank is the official sponsor of the 4-H/FFA showmanship awards at the Gage County Fair & Expo, since 1947. They award a trophy to a champion in Dairy, Beef, Swine, Sheep, Meat Goat, and Horse, and medals to the gold, silver and bronze placings.

Showmanship contest will be held in dairy, goats, beef, swine, horse, sheep, llama/alpaca, poultry, broilers, cats, & rabbits. Animals must be identified on 4-H/FFA I.D. sheets to be eligible (exception: cats, poultry). Youth must exhibit their own animal. Animal may be shown only once in Showmanship contest. Grooming & Fitting Rules apply to Showmanship Contest.

AGE DIVISIONS (as of January 1, 2022):

Senior - 14 and older

Intermediate - 11-13

Junior - 8-10

4-H & FFA PREMIUM PAYMENT CATEGORIES

Category	1	2	3	4	5	6	7	8
Purple	15.00	8.00	6.50	5.00	3.75	3.00	2.50	2.00
Blue	12.00	5.00	4.00	3.75	3.00	2.50	2.00	1.50
Red	10.00	3.50	3.00	2.75	2.50	2.00	1.75	1.25
White	6.00	2.50	1.75	1.50	1.25	1.25	1.00	1.00

Showmanship: Purple \$5, Blue \$4, Red \$3

HEALTH REGULATIONS (updated regulations will be released if warranted)

No health certificates required. 4-H and FFA livestock at the Gage County Fair should be free of fleas, ticks, ear mites, ringworm, internal and external parasites and infectious, contagious or communicable diseases. Animals with active ringworm, visible warts, or abscesses will not be allowed to enter. Veterinarian may judge the ringworm to be inactive if the lesion is not encrusted and hair has begun regrowth in the area. Animals under quarantine may not be exhibited. Livestock is subject to be checked over by the official Gage County Fair Veterinarian: Vet Trax Inc., Clint VanWinkle, DVM. Decisions made by the official veterinarian are final. Gage County Ag Society is not responsible for veterinarian services, treatment or fees.

Poultry - free of lice and bugs

*For 2022: we will be following the guidelines of the Nebraska Department of Agriculture regarding Avian Influenza. If we are not able to have a live show, more details will come at a later date as an alternative to the live show.

Rabbits - free of worms and mites

Companion Animals/Cats - Must be free of fleas, ticks, ear mites, ring worm, any internal and external parasites and infectious disease. Cats are required to be current on their vaccinations of Rabies, panleukopenia, viral rhinotracheitis, and calicivirus. Cats must have a current feline leukemia vaccination or proof of a negative test within 180 days of show. Bring Vaccination Record Form as proof of vaccination. 4-H members vaccinating their cats must provide proof by including a statement from their vet on the Vaccination Record Form or by including the vaccination labels on the form and having it signed by a parent. Ferrets must be vaccinated for rabies. Rabies vaccination must be given by a Certified Veterinarian only.

Sheep - A sheep that has active club lamb fungus will not be allowed to show. All sheep, market or breeding, must have the USDA scrapie tag.

Meat Goat - Meat and breeding goats must be identified with a USDA scrapie tag.

YOUTH FOR THE QUALITY CARE OF ANIMALS (YQCA)

4-H AND FFA exhibitors of swine, beef, sheep, goats, dairy, llama, alpaca, poultry and rabbits must have received YQCA certification (Youth for the Quality Care of Animals) prior to the Gage County Fair & Expo. Completion of YQCA courses will be certified by June 15 by Extension staff on the I.D. sheet/s submitted to the Extension Office. Exhibitors not meeting this deadline are NOT eligible to exhibit at the Gage County Fair, no late certificates will be accepted. A current copy of the YQCA certification must be on file with the Extension Office by June 15th.

GROOMING AND FITTING

ALL beef, sheep, swine, and goats (showmanship, market & breeding) will be shown Blow & Go. Animals may be clipped, blown, brushed, or combed to enhance their appearance. Any use of adhesives is prohibited. Exhibitors will be allowed to use coat dressings, conditioners & shaving creams only. No use of products containing color additives or color transfer allowed. **Clipping, trimming, or blocking of any livestock or small animals by anyone other than exhibitor will not be permitted.** The assistance of immediate family, 4-H leader, or FFA Advisor is allowed.

DRESS CODE

Official 4-H or FFA attire is required. The 4-H uniform for dairy, goat, beef, swine, sheep, poultry, cat, dog, and rabbit exhibitors in showmanship and class judging will be either a white blouse, white shirt or 4-H T-Shirt, dark blue jeans, and hard-soled shoes or boots (no open-toe shoes or sandals). 4-H chevron must be attached to the shirt or blouse if no other 4-H symbol is on the shirt. Shirt must have sleeves and collar or high neckline. White trousers/jeans are advisable for dairy exhibitors.

Gage County Farm Bureau will be sponsoring a free show shirt to each livestock exhibitor this year! Ordering for the free shirt will be done online through Dawgs Hut at go.unl.edu/gcfshowshirt. Orders due June 15. Any of

these shirts are permitted to be shown in. Shirts from previous years will still be allowed. Pick up at the Extension Office the week before fair.

Suitable riding clothes for horse exhibitions include a white shirt or blouse, blue jeans, and boots or hard soled shoes. A western hat may be worn. 4-H identification must include 4-H armband. 4-H Horse show dress code further outlined in *4-H 373, 4-H Horse Show and Judging Guide*. Judge and show management will determine if dress code rules are changed due to weather.

FFA exhibitors will wear official FFA attire.

CHAMPIONSHIP ROW

Championship Row Sponsor:

**Gerlach Inc. Commodity Futures and Options Brokerage,
Gerlach Show Pigs**

Visitors to the Gage County Fair can view the educational exhibit of Grand and Reserve Champions selected at the Gage County Fair & Expo. Beef, sheep, goats, and dairy will be stalled in Championship Row in the main livestock barn, following their show. Poultry and rabbits will be housed in the Poultry/Rabbit Complex. Swine will be in the hog barn. Herdsmanship will be provided by Riverview Jr. Stockmen 4-H Club; exhibitors are responsible for feeding, watering and cleanliness of their animal.

HERDSMANSHIP CONTEST

Awards to 1st, 2nd, and 3rd place Club/Chapter

Herdsmanship is the manner in which members care for their animals and display them at the fair. Pride in livestock of 4-H and FFA members and on our fairgrounds is the basis for herdsmanship. The overall objective is to encourage exhibitors to present themselves, their animals and stalling areas to fair visitors in a clean, attractive, educational and safe manner. Exhibitors are encouraged to share knowledge about their animals to the public. 4-H and FFA exhibitors working together are responsible for attractive buildings for visitors. Herdsmanship begins Wednesday evening and concludes Sunday morning. Poultry/Rabbit Complex is included in the daily herdsmanship checks. Exhibitors and families are responsible for a clean, attractive building. Schedule and duties will be assigned, sent to exhibitors and posted during the fair.

Herdsmanship duties are the responsibility of exhibitors, rather than leaders and parents. Cooperation and teamwork is expected. 4-H club and FFA stalling areas will be checked twice daily throughout the fair between 9:00 am and 6:00 pm. Tie-out stalls for beef or dairy may be used for feeding and watering until 9:00 am, between 4:00 and 6:00 pm, and after 9:00 pm. Livestock should be on display in the barns for fair visitors all other hours. Points will be deducted from herdsmanship scores for violations. Clubs must have at least three exhibits in a division to compete.

Scoring for herdsmanship contest:

20% - Animals clean at all times and neatly groomed.

10% - Courtesy and sportsmanship displayed by exhibitors at all times.

Exhibitors (not parents) primarily doing the work.

25% - Tack, equipment and feed areas neat and clean. Fork and similar equipment handles kept down. Show boxes out of alley ways except during shows. Feed, feed pans, and buckets clean and in place. Stall cards in place and neatly lettered.

20% - Animals adequately cared for (feed, water, etc.). No wet bedding. Beef & dairy: 18-20" of lead, no hay in stalls, no water in stalls. Sheep: feed pans secured in pen, bucket of fresh water. Loose feed pans allowed during feeding time only. Swine: feed pans secured in pen, clean bedding. Loose feed pans allowed during feeding time only. Horses: clean stalls, no hay scattered on floor. Cleaning and grooming equipment safely stored.

25% - Exhibitor's share of the alley kept clean. Loose dirt and dust kept under control by sweeping and/or sprinkling. No manure piled in wheelbarrows or at the end of the aisles or buildings

GROUNDS CLEAN UP

4-H Clubs and FFA Chapters are requested to help with grounds clean up, Monday, August 1, 9:00 am. Additional points will be given to clubs whose members and parents help with clean-up.

NEBRASKA STATE FAIR

Livestock exhibits must follow all identification and entry deadlines as posted by the Nebraska State Fair. Youth must be 10 years of age by January 1, 2022 through age 18.

All animals and in-person contests will be entered online through ShoWorks by 4-H member/family. Deadline: August 10, 8:00 pm.

State Fair Entry website: nebr.fairwire.com

PARADE OF CHAMPIONS

Sponsored by Riverview Jr. Stockmen 4-H Club

We are proud to honor 2022 livestock Champions and Reserve Champions at the Gage County Fair & Expo Sunday, July 31, 2:00 pm, Main Livestock Barn. Exhibitors must wear official 4-H or FFA attire. An information sheet will be given to exhibitors with an invitation to Parade of Champions. Participation sheet MUST be returned by Friday evening, with the exception of those who show on Saturday. Thanks to The Auctioneers for announcing the Parade of Champions.

LIVESTOCK AUCTION - 1K SPONSORS & PARTICIPANTS PHOTOS

Photos will be taken following the Parade of Champions Sunday, July 31, 2:30 pm, Main Livestock Barn. All auction participants should wear official attire and be present for photo shoot.

MARKET LIVESTOCK PREMIUM AUCTION

The Gage County Ag Society will hold a Market Livestock Premium Auction, Sunday, July 31, 3:00 pm, Main Livestock Barn. The purpose of this auction aligns with the Ag Society's mission to educate and promote agriculture, industry and youth through community involvement. The auction will support and contribute to the marketing experience of 4-H/FFA livestock exhibitors.

Youth will be given an opportunity to finalize their project by entering one market animal exhibited at the 2022 Gage County Fair & Expo. Market entries in Beef, Sheep, Swine, and Meat Goats may be entered in the auction; **entry deadline is 1 hour following completion of 4-H/FFA Swine Show. Official 4-H or FFA attire is required.** Information for donors and participants available on the Gage County Fair website, at the Extension Office and Fair Office.

4-H/FFA LIVESTOCK CONTESTS

TEAM QUIZBOWL

Wednesday, July 27, 4-H Inc. Building

CONTEST: 2:00 PM

Pre-register team 1 hour before event; 4-H Building

Hosted by Tri County FFA Alumni

Ag quiz bowl is a team event for youth where they test their knowledge of beef, sheep, swine, dairy, goats, poultry & rabbits, and ag related projects. Youth use a buzzer to answer questions and the teams compete by providing oral answers. Teams are made up of 3-4 youth. 4-H/FFA Clubs are encouraged to enter a team, but teams are not required to be made up of youth from the same club. Youth can only participate on one team. Two age divisions: Senior (4-H age 13-18) and Junior (8-12). Guidelines available prior to contest at the

Extension Office. Tournament bracket or round robin format will be determined. No premiums will be paid. Awards & prizes will be presented.

LIVESTOCK JUDGING CONTEST

Saturday, July 30, Main Livestock Barn Arena

Pre-register at Announcers stand by Friday 5 pm

CONTEST: 30 minutes following Hog Show (not starting before 1 pm)

Livestock Judging Contest Sponsor: Premier GMC Beatrice

Open to both 4-H and FFA youth. Six classes will consist of two beef, two sheep, one goat, and one swine. Juniors will be given two sets of questions and Seniors will be given two sets of questions and provide one set of oral reasons. Classes on questions and reasons will be determined by the livestock judging committee at the fair. Junior (8-13), Senior (14-18).

CONTEST RULES:

-The livestock judging committee will determine the final placing on all classes and score all oral reasons.

-Each class will be worth 50 points with Juniors being able to earn up to a total 400 individual points and Seniors will be able to earn up to a total of 450 individual points. Individual awards will be given to the highest scoring contestant in each division.

-Contestants will have 10 minutes to judge each class with a two minute warning.

-Notes will not be allowed during questions portion of the contest.

-Senior oral reasons will take place after the contest has concluded. Using notes is discouraged but allowed.

-Tie Breakers will be as follows:

Seniors

1) Oral reasons

Juniors

1) Highest combined Questions

ELITE SHOWMANSHIP

Saturday, July 30, Main Livestock Barn, Swine Show Area

REGISTRATION DUE: 10:00 am, Saturday, July 30

(exception of Swine Showmanship winners who register after swine show)

CONTEST: 30 minutes following Judging Contest (not before 3 pm)

Trophies, Awards & Sponsors

Lefty's Catering, Bruss Boer Goats, Gerlach Show Pigs, Buehler Show Cattle, JR Show Cattle.

Champion and Reserve Champion Overall Showmanship winners have the chance to compete head-to-head for Elite Showman. Champion/Reserve Champion overall showman from 4-H/FFA Beef, Sheep, Swine and Meat Goats are eligible. However, he/she may decline and the 3rd Place Showman may take his/her place in the competition.

CONTEST RULES:

- Contestants will be judged on their ability to handle, show and present each of the different species. Grooming of animals will not be considered.

- Contestants will draw numbers to determine which animal they will show. A contestant will not show their own animal.

- The judge will use a numerical scoring system to grade each individual. The contestant with the most total points at the end of the contest will be declared the winner.

- If a 4-H/FFA exhibitor wins the right to compete in more than one species in the same year, then he/she must choose which species they will represent. The 3rd Place Showman from the species not chosen will then be eligible to participate.

4-H/FFA LIVESTOCK

BEEF

BEEF SHOW: Friday, July 29, 9:00 a.m.
LOCATION: Main Livestock Barn Show Arena
Online Pre-Entry Deadline: July 15

ORDER OF SHOW:

Bucket Calf, Beef Showmanship (Sr. Div., Int. Div., Jr. Div.); Showmanship Finals; Market Heifers; Market Steers; Breeding Classes (Alphabetical order), Stocker Feeder

BREEDING HEIFER BREEDS: Angus, Braunvieh, Charolais, Chianina, Gelbvieh, Hereford, Limousin, Maine-Anjou, Maintainer, Piedmontese, Polled Hereford, Red Angus, Shorthorn, Shorthorn Plus, Simmental, Foundation Simmental, Commercial.

PREMIUMS:

Market Beef, Breeding Beef, Cow-Calf Pair - Premium Category 1

Trophies, Awards & Sponsors

Security First Bank- Showmanship Champion, Gold, Silver & Bronze Medal

Jay & Terri Nieveen- Champion Senior Showmanship Belt Buckle

Sapp Bros. Petroleum, Inc., Beatrice/Filley- Champ Int. Showmanship Belt Buckle

Kracke Real Estate- Champion Junior Showmanship Belt Buckle

Booth Feeds - Champion Breeding Heifer

Terry & Bev Acton- Reserve Champion Breeding Heifer, Reserve Champion Market Heifer

Cammack Farms- Champion Angus Breeding Heifer

Tredz Central- Reserve Champion Angus Breeding Heifer

Siebrandt Family Farms- Champion Braunvieh Breeding Heifer

Zoellner Ford-Lincoln of Beatrice- Reserve Champion Braunvieh Breeding Heifer, Reserve Champion Commercial Breeding Heifer

Roehr's Machinery, Inc.- Reserve Champion Charolais Breeding Heifer, Reserve Champion Shorthorn Breeding Heifer

Triple S Cattle- Champion Chianina Breeding Heifer, Champion Maintainer Breeding Heifer

Buehler Cattle- Champion Commercial Breeding Heifer

M & P Gelbvieh, Mark & Patty Goes- Champion & Reserve Champion Gelbvieh Breeding Heifer

Homestead Land Co., John Zarybnicky- Champion Hereford Breeding Heifer

Boyer Limousin, Jay & Carol Boyer Family- Champion Limousin Breeding Heifer

Whitwer Limousin, Steve & Aaron Whitwer- Reserve Champion Limousin Breeding Heifer

Ferguson Farms, Steve & Debbie Ferguson- Champion & Reserve Maine-Anjou Breeding Heifer

Gage County 4-H Family- Champion Piedmontese Breeding Heifer

Jay & Terri Nieveen- Champion Polled Hereford Breeding Heifer

Landmark Implement- Champion Shorthorn Breeding Heifer

Blue Valley Door Co. Inc.- Champion Shorthorn Plus Breeding Heifer

Scully Estates- Champion Foundation Simmental Breeding Heifer

Trauernicht Simmentals- Champion Simmental Breeding Heifer, Champion Red Angus Breeding Heifer

State Line Farm Simmentals, Jim & Ellen Zvolanek- Reserve Champion Simmental Breeding Heifer

Gage County Farm Bureau - Champion Market Heifer

Orscheln Farm & Home- Champion Market Steer

Beatrice Concrete Company- Reserve Champion Market Steer

Beef show is Blow & Go. See "Grooming and Fitting" section under "4-H/FFA Livestock General Rules" for complete rules.

Maximum entries per exhibitor: 2 breeding beef, 2 market beef. Beef Cattle will be checked in by Extension Staff and Gage County Ag Society at weigh-in/check-in. Bring market beef inside scale area, breeding beef outside south side of main livestock barn, east end (outside scale area). Bring I.D. sheet, and registration paper (registered breeding beef) with animal.

All exhibitors are automatically entered in Showmanship Contest.

MARKET CLASSES

Market Show: Classes will be grouped according to weight and judged light-weight to heavyweight; no breed divisions.

Class # Class Description

G011010 **Market beef heifer**

G011020 **Market beef steer**

BREEDING CLASSES

Breeding Show: All breeds will show individually in alphabetical order. Indicate breed on entry. A minimum of 3 per breed must be met to have a separate class for that breed. If less than 3 animals, the classes will be combined into one.

Registered Breeding Beef Classes: To be shown in a registered (pure-bred) class, heifers must have an official breed registration, complete by fair date; must present at check-in. Registration certificate must indicate: 1) the name of the exhibitor, 2) name of the exhibitor and/or a co-owner who is an immediate member of the exhibitor's family, or 3) the family or ranch name or parent's name.

Animal not meeting registration criteria will show in commercial class.

Class # Class Description

G012010 **Spring Heifer (1-1-22 to 2-28-22)**

G012020 **Fall Heifer (9-1-21 to 12-31-21)**

G012030 **Summer or Intermediate Yearling (5-1-21 to 8-31-21)**

G012040 **Spring Yearling (3-1-21 to 4-30-21)**

G012050 **Junior Yearling (1-1-21 to 2-29-21)**

G012060 **Senior Yearling (9-1-20 to 12-31-20)**

G012070 **2 Year Old Heifer or Cow (9-1-19 to 8-31-20)**

G012080 **3 Years & Older**

G012100 **Cow-calf pair**

STOCKER FEEDER

SHOW: Friday, July 29, following Breeding Beef Show

LOCATION: Main Livestock Barn Show Arena

Online Pre-Entry Deadline: July 15

ORDER OF SHOW: Breeds by Alphabetical Order

BREEDS: Angus, Braunvieh, Charolais, Chianina, Gelbvieh, Hereford, Limousin, Maine-Anjou, Maintainer, Piedmontese, Polled Hereford, Red Angus, Shorthorn, Shorthorn Plus, Simmental, Foundation Simmental, Commercial.

PREMIUMS:

Stocker Feeder - Premium Category 1

Trophies, Awards & Sponsors

Farmer's Cooperative - Champion Stocker Feeder

Farm Credit Services of America - Reserve Champion Stocker Feeder

Barnard Angus - In Memory of Dean Goes - Champion Angus Stocker Feeder

Barnard Angus - In Memory of Dean Goes - Reserve Champion Angus

Stocker Feeder

Siebrandt Family Farms- Champion Braunvieh Stocker Feeder

Landmark Implement- Champion Charolais Stocker Feeder

Blue Valley Door Co Inc.- Reserve Champion Charolais Stocker Feeder

Buehler Cattle, Sterling- Champion Commercial Stocker Feeder

CMT Cattle, Sterling- Reserve Champion Commercial Stocker Feeder

On The Hill Ag- Champion Gelbvieh Stocker Feeder

Twin Rivers Chrysler, Jeep & Dodge- Champion Hereford Stocker Feeder

Boyer Limousin, Jay & Carol Boyer Family- Champion Limousin Stocker

Feeder

Whitwer Limousin-Reserve Champion Limousin Stocker Feeder

Pickrell Locker & Smokehouse- Champion Maine-Anjou Stocker Feeder

Gage County 4-H Family- Champion Piedmontese Stocker Feeder

Scully Estates- Champion Red Angus Stocker Feeder

Butler Ag Equipment- Champion & Reserve Champion Shorthorn Stocker Feeder

State Line Farm Simmentals, Jim & Ellen Zvolanek, Wymore- Champion &

Reserve Champion Simmental Stocker Feeder

Stocker Feeder show is Blow & Go. See "Grooming and Fitting" section under "4-H/FFA Livestock General Rules" for complete rules.

Maximum entries per exhibitor: 2 stocker-feeder calves. Stocker feeder calves will be checked in by Extension Staff and Gage County Ag Society at check-in. Bring stocker-feeders outside south side of main livestock barn,. Bring I.D. sheet, and registration paper (registered breeding beef) with animal. Non-weaned stocker feeders still need to be checked in but do not physically need to be on the grounds until the day of show. One stocker feeder per exhibitor may be entered in Beef Show Showmanship Contest.

STOCKER FEEDER CLASSES

Calf born between January 1 - June 1, 2022. Indicate breed and sex on entry. Classes divided by breed, sex and age divisions. Breeds shown in alphabetical order.

Class # Class Description

G013010 **Male (steer or bull) stocker feeder**

G013020 **Female (heifer) stocker feeder**

4-H BUCKET CALF

SHOW: Friday, July 29, 9:00 am

LOCATION: Main Livestock Barn Show Arena

Online Pre-Entry Deadline: July 15

ORDER OF SHOW: Follow class order; Selection of Grand and Reserve Champions

PREMIUMS:

Bucket Calves- Premium Category 2

Trophies, Awards & Sponsors

Booth Feeds, Beatrice- Grand Champion Bucket Calf

Farmer's Cooperative- Reserve Grand Champion Bucket Calf

Maximum 2 bucket calf entries per exhibitor. Exhibitor must be age 12 or younger (4-H age, January 1, 2022).

Bucket calves will be checked-in by Extension Staff and Gage County Ag Society. Bring I.D. sheet with animal.

Calves must be an orphan or newborn calf, bull, steer or heifer, fed and raised by 4-H member, any beef or dairy breed or crossbred. Calves on the cow do NOT qualify as bucket calves. Ribbon placing based on judges interview with 4-H member, fitting, showmanship, and general quality and health of animal. Show stick is optional. One bucket calf per exhibitor may be entered in Showmanship Contest in Dairy Show or Beef Show.

Class # Class Description

G020001 **Bucket calf** — 1/1/22 - 3/14/22

G040901 **Bucket calf** — 3/15/22 - 5/30/22

DAIRY CATTLE

SHOW: Thursday, July 28, 9:00 a.m.

LOCATION: Main Livestock Barn Show Arena

Online Pre-Entry Deadline: July 15

ORDER OF SHOW: Dairy Showmanship (Sr. Div., Int. Div., Jr. Div.); Showmanship Finals; Heifer Classes by breed; Cow Classes by breed. Dairy Herd class following each breed.

DAIRY BREEDS ORDER OF SHOW: Jersey, Holstein, Milking Shorthorn, Ayrshire, Brown Swiss, Guernsey, Crossbred.

PREMIUMS:

Dairy classes, Dairy herd - Premium Category 1

Trophies, Awards & Sponsors

Security First Bank - Showmanship Champion, Gold, Silver & Bronze Medals

Harlan & Raeshelle J. Rickers Memorial - Showmanship Divisions Champion Belt Buckle

Roger & Barb Henrichs, Wymore - Grand Champion Dairy Heifer

In Memory of Amber Goossen Schroeder, Mike & Debbie Goossen -

Reserve Grand Champion Dairy Heifer

Rosene Machine Inc.- Champion Junior Holstein

ET's Lawn & Leisure- Reserve Champion Junior Holstein

Gage County Farm Bureau - Grand Champion Dairy Cow

East Court Dairy Queen - Reserve Grand Champion Dairy Cow

Plymouth Veterinary Clinic, Casey Wehrman, DVM - Champion Dairy Herd

Brad Christian Insurance & Investments- Champion Senior Holstein

Miller Sales Inc.- Reserve Champion Senior Holstein

Bernice Ruyle Memorial- Breed Awards

Gage County 4-H Council - High Milk Production and High Protein Production

Maximum entries per exhibitor: 4 dairy cattle.

Dairy cattle will be checked in by Extension Staff and Gage County Ag Society on the south side main livestock barn. Bring I.D. with animal.

All breeds will show individually in order. Indicate breed on entry.

All exhibitors are automatically entered in Showmanship Contest.

DAIRY CLASSES

Class # Class Description

- G041010 **Spring Heifer Calf (3-1-22 to 4-30-22)**
- G041020 **Winter Heifer Calf (12-1-21 to 2-28-22)**
- G041030 **Fall Heifer Calf (9-1-21 to 11-30-21)**
- G041040 **Summer Yearling Heifer (6-1-21 to 8-31-21)**
- G041050 **Spring Yearling Heifer (3-1-21 to 5-31-21)**
- G041060 **Winter Yearling Heifer (12-1-20 to 2-29-21)**
- G041070 **Fall Yearling Heifer (9-1-20 to 11-30-20)**

SELECTION OF JUNIOR CHAMPION

- G041080 **Dry Cow (any age)**
- G041090 **2 Year Old (9-1-19 to 8-31-20)**
- G041100 **3 Year Old (9-1-18 to 8-31-19)**
- G041110 **4 Year Old (9-1-17 to 8-31-18)**
- G041120 **5+ Year Old (prior to 9-1-17)**

SELECTION OF SENIOR CHAMPION

- G041130 **Dairy herd (grade or registered)**

Dairy Herd: Exhibitor must enter and show three (3) females in the Dairy Herd class. A herd may consist of both 4-H and FFA animals but each animal must be owned by the same exhibitor. At least one animal must be a cow that has freshened long enough to have a projected ME record and all three must be of the same breed. Exhibitors should provide DHIA herd identification and DHIA cow identification on herd score card. Animal may qualify in either milk or protein. Herd may either be registered or grade. Each exhibitor must fill out Dairy Herd Scorecard and present it to the show official prior to start of the show for verification. Exhibitor must verify records prior to start of show.

Awards presented on the basis of 305 2X ME records in progress for cows in milk and on the basis of the most recently completed 305 2X ME record for dry cows.

Awards for High Milk Production and High Protein Production will be given to the 4-H/FFA member who exhibits cow with an official DHIA record during the most recent lactation. Winners will be determined by pounds produced over the breed production requirements listed below. Indicate entry in these contest/s on entry form. Crossbred not eligible for production awards.

Breed	Milk	Protein	Breed	Milk	Protein
Ayrshire	18,002	572	Jersey	17,754	663
Brown Swiss	20,421	700	Milking Shorthorn	16,109	468
Guernsey	16,429	557	Holstein	25,598	802

DAIRY GOAT

SHOW: Thursday, July 28, 1:00 pm

LOCATION: Main Livestock Barn Show Arena

Online Pre-Entry Deadline: July 15

DAIRY GOAT ORDER OF SHOW: Showmanship (Sr. Div., Int. Div., Jr. Div.); Breed Classes; Selection of Champions

DAIRY GOAT BREEDS ORDER OF SHOW: Alpine, LaMancha, Nubian, Saanen, Toggenburg, Other Breeds, Recorded Grade.

PREMIUMS:

Dairy goat - Premium Category 2

Trophies, Awards & Sponsors

Tom & Becky Schuerman- Champion Senior Showmanship Belt Buckle
Double 7 Farms - Champion Intermediate Showmanship Belt Buckle
Roger & Angie March- Champion Junior Showmanship Belt Buckle
TRA-VI-LAR Holsteins - Grand Champion Dairy Goat
TRA-VI-LAR Holsteins - Reserve Grand Champion Dairy Goat
Wymore Insurance Agency- Champion Other Breeds

Maximum entries per exhibitor: 4 dairy goats, 1 Daughter-Dam. Dairy goats will be checked in by Extension Staff and Gage County Ag Society on the south side main livestock barn. Bring I.D. sheet with animal.

All exhibitors are automatically entered in Showmanship Contest.

DAIRY GOAT CLASSES

Ages are as of show date (unfreshened)

Class # Class Description

- G051010 **Junior Doe Kid (under 6 months)**
- G051011 **Junior Doe Kid (6-12 months)**
- G051020 **Junior Doe-ling (12-18 months)**
- G051021 **Senior Doe-ling (18-24 months)**
- G051030 **Milkers (under age 2)**
- G051031 **Milkers (age 2-3)**
- G051032 **Milkers (age 3-4)**
- G051033 **Milkers (age 4-5)**
- G051034 **Milkers (age 5 & older)**
- G051040 **Dry Doe (age 2 & older)**
- G051050 **Daughter-Dam**

MEAT GOAT

SHOW: Thursday, July 28, 2:00 pm

LOCATION: Main Livestock Barn Show Arena

Online Pre-Entry Deadline: July 15

ORDER OF SHOW: Showmanship (Sr. Div., Int. Div., Jr. Div.); Showmanship Finals; Breeding Classes; Breeding Champions; Meat Classes (lightweight to heavyweight); Meat Goat Champions; Pygmy; Pet Goats

PREMIUMS:

Breeding Meat Goat, Market Meat Goat, Pet Goat, Pygmy Goat - Premium Category 2

SHEEP

Trophies, Awards & Sponsors

- Security First Bank**- Showmanship Champion, Gold, Silver & Bronze Medals
- FuBerry Farms Boer Goats, Haldon & Jamie Fugate** - Showmanship Champion Jr. & Sr. Division Belt Buckles
- Scully Estates** - Showmanship Champion Int. Division Belt Buckle
- Landmark Implement**- Champion Boer Breeding Goat
- Horseshoe Creek Boer Goats**- Grand Champion Meat Goat, Champion Commercial Breeding Goat
- Midway Welding**- Reserve Champion Commercial Breeding Goat
- Best Foot Forward 4-H Club**- Reserve Grand Champion Meat Goat
- First State Bank Nebraska** - Grand Champion Breeding Meat Goat
- McDonald's of Beatrice** - Reserve Grand Champion Breeding Meat Goat
- Filley Bar & Grill**- Champion Pet Goat

Maximum entries per exhibitor: 4 meat goats, 4 breeding goats. Meat and breeding goats must be identified with a USDA official scrapie tag.

Goats will be checked in by Gage County Extension Staff and Gage County Ag Society at the Main Livestock Barn Show Arena. Bring meat goats inside scale area; breeding goats outside scale area. Bring I.D. sheet with animal. All exhibitors are automatically entered in Showmanship Contest.

Meat goats may be doe or wether kids. Goats are to have milk teeth and have no evidence of breaking of the skin or eruption of the two permanent front teeth. Goats must be uniformly slick shorn with 1/4" of hair or less from the knee and hock up. If horned, the horns must be blunted. Dehorning is preferred. Only acceptable material allowed is soap and water. Adhesive, glue, paint, or powder products are NOT allowed.

Meat classes formed by weight divisions, if numbers warrant, shown lightweight to heavyweight.

Goats are shown with a halter, smooth neck chain or smooth collar only. Use of showing and/or handling practices that may be considered objectionable or abusive, such as striking or slapping goats, and exhibiting the goat with its front feet off the ground are not acceptable.

Breeding Show: Doe kids must have all milk teeth or temporary teeth present; yearling does can have yearling teeth, but cannot have two-year old teeth up.

BREEDING CLASSES

- | Class # | Class Description |
|---------|--|
| G061010 | Breeding Doe Kids (9/01/21 - 6/01/22) |
| G061020 | Breeding Doe Yearlings (9/01/20 - 8/31/21) |
| G061030 | Breeding Meat Goat (2-3 years) |
| G061040 | Breeding Aged Meat Goat (over 3 years) |

MARKET CLASSES

- | Class # | Class Description |
|---------|------------------------------|
| G062010 | Market Goat (Does & Wethers) |

PET CLASSES

- | Class # | Class Description |
|---------|--------------------------------|
| G063910 | Pet Kid & Unfreshened Yearling |
| G063920 | Pet Yearling Freshened & Aged |

PYGMY CLASSES

- | Class # | Class Description |
|---------|----------------------------------|
| G063930 | Pygmy Kid & Unfreshened Yearling |
| G063940 | Pygmy Yearling Freshened & Aged |

SHOW: Thursday, July 28, 6:00 pm
LOCATION: Main Livestock Barn Show Arena
Online Pre-Entry Deadline: July 15

ORDER OF SHOW: Sheep Showmanship (Sr. Div., Int. Div., Jr. Div.); Showmanship Finals; Breeding Classes; Market Classes; Pen-of-Two Market Lambs (in ring), Unified Showmanship.

PREMIUMS:

Breeding Sheep, Market Sheep, Pen-of-Two Market Lambs - Prem Category 2

Trophies, Awards & Sponsors

- Security First Bank**- Showmanship Champion, Gold, Silver & Bronze Medals
- Musil Club Lambs, Daryl & Lana Musil Family**- Sr. Division Champion Showmanship Belt Buckle
- Scully Estates**- Int. Division Champion Showmanship Belt Buckle
- Premier GMC Beatrice**- Jr. Division Showmanship Belt Buckle
- Farmer's Cooperative** - Grand Champion Breeding Ewe
- DLT Family Farms**, Hallam- Reserve Grand Champion Breeding Ewe
- Gage County Farm Bureau** - Grand Champion Market Lamb
- State Bank of Odell**- Reserve Grand Champion Market Lamb, Champion Hampshire Breeding Ewe
- Ferking Custom Works**- Reserve Champion Hampshire Breeding Ewe
- Farm Credit Services of America**- Grand Champion Pen-of-Two Market Lambs
- Tim & Darla Acton-Sheep Farm** - Reserve Grand Champion Pen-of-Two Market Lambs

Maximum entries per exhibitor: 4 market lambs, 4 breeding sheep. Market and breeding lambs must be tagged with a USDA official scrapie tag.

Sheep will be checked in by Extension Staff and Gage County Ag Society. Bring market sheep inside scale area; breeding sheep outside scale area. Bring I.D. sheet, registration paper (registered breeding sheep) with animal.

All exhibitors are automatically entered in Showmanship Contest.

Registered ewes must be registered with the breed association; bring registration paper at check-in. Commercial ewes must be listed on the 4-H or FFA ownership affidavit.

Sheep with active club lamb fungus will not be allowed to show.

Breeding ewe lambs must have all temporary teeth present. Yearling ewes and does can have yearling teeth, but cannot have two-year-old teeth.

Market lambs must be slick shorn, including belly, to within 1/4"; wool may be left on the legs only below the knees and hocks. Market classes formed by weight divisions, shown lightweight to heavyweight.

Sheep must be groomed only with products specifically designed for show grooming. This does not exclude soaps and cleaners. Adhesive, glue, paint, or powder products are NOT allowed.

The use of showing and/or handling practices that may be considered objectionable or abusive, such as striking or slapping lambs and exhibiting the lamb with its front feet off the ground, are not acceptable.

BREEDING CLASSES

- | Class # | Class Description |
|---------|--|
| G031010 | Breeding Lamb (1-1-22 to 6-15-22) |
| G031020 | Breeding Ewe Yearling (1-1-21 to 12-31-21) |
| G031030 | Breeding Aged Ewe (prior to 1-1-21) |

MARKET CLASSES

<u>Class #</u>	<u>Class Description</u>
G032010	Market Lamb

PEN OF TWO CLASSES

<u>Class #</u>	<u>Class Description</u>
G033010	Pen of two Market Lambs (ownership by one exhibitor only)

UNIFIED SHOWMANSHIP

Open to special needs 4-H youth ages 8-18. This class is meant to foster an understanding of the show ring, animal handling practices, and gain showmanship experience. Youth participants must be accompanied by an individual who has completed the necessary screenings to serve as a 4-H volunteer. Lambs will be haltered to provide more control during time spent in ring. Youth participants will have the opportunity to interact with the judge and handle their lamb with assistance of an approved 4-H volunteer.

<u>Class #</u>	<u>Class Description</u>
G034010	Unified Showmanship

RABBIT

SHOW: Saturday, July 30, 9:00 am

LOCATION: Poultry/Rabbit Complex

Online Pre-Entry Deadline: July 15

ORDER OF SHOW: Rabbit Showmanship (Sr. Div., Int. Div., Jr. Div.); Meat Rabbit Classes; Rabbit Classes by breeds (Commercial, Fancy); Pet Classes.

PREMIUMS:

Market Rabbit, Breeding Rabbit, Pet Rabbit - Premium Category 6

Trophies, Awards & Sponsors

Scully Estates
Frerking Custom Works
Feathers and Fur 4-H Club
Norris Public Power District
Connie Michaelis Memorial
Landoll Company LLC
Parde Family
Wilber-Clatonia FFA Chapter

Maximum entries per exhibitor: 9 rabbit entries, 4 meat rabbit entries

All rabbits, except pets, must have ID numbers or names tattooed in left ear (preferably) with a pin tattoo pliers or tattoo ink. Breed must be identified on entry. Tattoo not required for fryer rabbit.

All exhibitors are automatically entered in Showmanship Contest.

Maximum length of showmanship presentation 4 minutes; exceeding that limit will result in one ribbon placing lower.

List of Fancy Breeds: American Fuzzy Lop, American Sable, Belgian Hare, Britannia Petite, Dutch, Dwarf Hotot, English Angora, English Spot, Florida White, French Angora, Harlequin, Havana, Himalayan, Holland Lop, Jersey Wooly, Lilac, Lionhead, Mini Lop, Mini Rex, Mini Satin, Netherland Dwarf, Polish, Rex, Rhinelander, Satin Angora, Silver, Silver Marten, Standard Chinchilla, Tan, Thrianta.

List of Commercial Breeds: American, American Chinchilla, Beveren, Blanc de Hotot, Californian, Champagne D' Argent, Checkered Giant, Cinnamon,

Creme D' Argent, English Lop, Flemish Giant, French Lop, Giant Angora, Giant Chinchilla, New Zealand, Palomino, Satin, Silver Fox.

MARKET CLASSES

<u>Class #</u>	<u>Class Description</u>
G092010	Market pen (three fryers, any sex, 3-5 lbs.; market age limit 10 weeks)
G092020	Single market rabbit — (one fryer fitting the description of market pen)

BREEDING CLASSES

FANCY RABBIT

<u>Class #</u>	<u>Class Description</u>
G091010	Fancy Rabbit

COMMERCIAL RABBIT

<u>Class #</u>	<u>Class Description</u>
G091050	Commercial Rabbit

PET CLASSES

<u>Class #</u>	<u>Class Description</u>
G093010	Pet Doe — Senior Over 6 months
G093020	Pet Buck — Senior Over 6 months
G093030	Pet Doe - Junior 6 months & under
G093040	Pet Buck - Junior 6 months & under

POULTRY & MARKET BROILER

POULTRY SHOW: Friday, July 29, 1:30 pm

BROILER SHOW: Wednesday, July 27, 4:30 pm

LOCATION: Rabbit/Poultry Complex

Online Pre-Entry Deadline: July 15

**For 2022: we will be following the guidelines of the Nebraska Department of Agriculture regarding Avian Influenza. If we are not able to have a live show, more details will come at a later date as an alternative to the live show.*

ORDER OF SHOW:

Poultry Show- Bantam Ducks, Geese, Turkeys, Pigeon, Dove, Peafowl, Guinea Fowl, in pens; Poultry Showmanship- (Sr. Div., Int. Div., Jr. Div.); Egg Display; Poultry by class.

Broiler Show- Broiler Showmanship- (Sr. Div., Int. Div., Jr. Div.); Broiler Singles; Broiler Pens; Meat Duck/Goose Singles; Meat Duck/Goose Pens; Meat Turkey Single; Meat Turkey Pens

PREMIUMS:

Single Bird - Premium Category 6

Trio (Pen of Three) - Premium Category 5

Egg Display - Premium Category 6

Trophies, Awards & Sponsors

Broiler Show

Hoops Chiropractic

Nebraska Crop Insurance Agency

Orscheln Farm & Home

Landmark Implement

Midwest Livestock Systems & Kentucky Fried Chicken- Broiler Project Birds

Poultry Show

GE McClure Farms LLC
 Landoll Company, LLC
 McVay & Beavers Family
 Norris Public Power District
 Parde Family
 East Court Dairy Queen
 Feathers & Fur 4-H Club
 Scully Estates

Maximum entries per exhibitor: 8 standard or bantam birds, 1 project broiler, 1 project broiler pen, 1 non-project single broiler, 1 non-project broiler pen, 1 single meat duck or goose, 1 meat duck or goose pen, 1 single meat turkey, 1 meat turkey pen, 1 production trio, 2 egg displays, 8 waterfowl, 6 pigeons, 4 turkeys, 2 peafowl, 2 guinea, 2 other. No testing required. Minimum weights for exhibition birds will be as stated in The American Standard of Perfection and Bantam Standard.

Birds entered as individuals, trios, or pens may not be interchanged. A trio will consist of one male and two female purebred birds. A pen of broilers shall consist of three male or three female birds. A pen of hybrids, crossbred or purebred egg production birds shall consist of three sexually mature females.

All exhibitors are automatically entered in Showmanship Contest.

Showmanship entry for poultry, including broilers, will be a presentation by youth, maximum 4 minutes; exceeding that limit will result in one ribbon placing lower. Youth may enter broiler showmanship and poultry showmanship.

EGG DISPLAY

<u>Class #</u>	<u>Class Description</u>
G080100	Egg Display (12 clean eggs in carton; identify breed)

BROILER - MARKET/MEAT CLASSES

<u>Class #</u>	<u>Class Description</u>
G070040	Single Project Broiler
G070050	Single Non-Project Broiler
G070060	Project Broiler Pen-of-Three
G070070	Non-Project Broiler Pen-of-Three
G070080	Single Meat Duck or Goose
G070090	Meat Duck or Goose Pen-of-Three
	Single Meat Turkey
	Meat Turkey Pen-of-Three

LARGE FOWL

<u>Class #</u>	<u>Class Description</u>
G081010	American — Plymouth Rock, Jersey Giant, Wyandotte, New Hampshire Red
G081020	Asiatic — Cochin, Brahma's, Langshan
G081030	English — Cornish, Orpington, Australorps, Sussex, Dorkings
G081040	Mediterranean — Leghorn, Buttercup, Minorca
G081050	Continental — Polish, Hamburg, Campines, Faverolles
G081060	All other breeds — Houdan, Game, Sumatra, Araucanas, Ameracanas
G081070	Production Class — Red Sex Link, Black Sex Link, Orange Comet, Tetra Brown
G081080	Trio — Purebred
G081090	Pen of production class hens

BANTAM

<u>Class #</u>	<u>Class Description</u>
G082010	Game Bantam — Modern and Old English
G082020	Single comb clean legged — Plymouth Rock, Leghorn, Japanese, Rhode Island Red, Orpingtons, New Hampshire
G082030	Rose comb clean legged — Rosecomb, Wyandotte, Sebright, Leghorn, Hamburg
G082040	Any other comb clean legged — Polish, Cornish, Houdan
G082050	Feather legged — Silky, Cochin, Brahma, Millie Fleur, Frizzle
G082060	Trio — Bantam

DUCKS

<u>Class #</u>	<u>Class Description</u>
G083010	Heavy — Pekin, Rouen, Muscovy
G083020	Medium — Swedish, Buff, Crested, Cayuga
G083030	Light — Runner, Khaki Campbell
G072010	Bantam — Call, Mallard, East India (classes judged in pen)

GEESE

<u>Class #</u>	<u>Class Description</u>
G073010	Heavy — Toulouse, Embden, African (classes judged in pen)
G073020	Medium — Pilgrim, Buff, Saddle Back Pomeranian
G073030	Light — Chinese, Canada, Egyptian, Tufted Roman

TURKEYS

<u>Class #</u>	<u>Class Description</u>
G074010	Jake turkey (classes judged in pen)
G074020	Tom turkey
G074030	Jenny turkey
G074040	Hen turkey

PIGEON/DOVE

<u>Class #</u>	<u>Class Description</u>
G075010	Pigeon (classes judged in pen)
G075020	Dove

PEAFOWL

<u>Class #</u>	<u>Class Description</u>
G076010	Peacock (classes judged in pen)
G076020	Peahen

GUINEA FOWL

<u>Class #</u>	<u>Class Description</u>
G077010	Adult guinea (classes judged in pen)
G077020	Pullet or cockrel

OTHER

<u>Class #</u>	<u>Class Description</u>
G084010	Other Poultry

4-H/FFA SWINE

SHOW: Saturday, July 30, 8:30 am

LOCATION: Main Livestock Barn

Online Pre-Entry Deadline: July 15

ORDER OF SHOW: Breeding Gilts; Market Classes; Showmanship (Sr. Div., Int. Div., Jr. Div.); Showmanship Finals; Pen-of-Three Market Swine Judging (in pens)

PREMIUMS:

Breeding Gilt, Market Swine, Pen-of-Three Market Swine - Premium Category 2

SWINE BREEDS ORDER OF SHOW: Berkshire, Chester White, Duroc, Hampshire, Hereford, Poland China, Spotted, Yorkshire, All Other Breeds, Crossbreds

Trophies, Awards & Sponsors

Security First Bank- Showmanship Champion, Gold, Silver & Bronze Medals

Baade Genetics - Showmanship Champion Junior Belt Buckle

Jim Engel Memorial, Fontanelle Hybrids - Showmanship Champion Int. & Sr. Champion Belt Buckles

Baade Genetics, Kyle & Laura Baade- Grand Champion Breeding Gilt

Nutrien Ag Solutions- Reserve Champion Breeding Gilt

Beatrice Concrete Company, Beatrice- Division 1 Champion

Pinnacle Bank Trust Services- Division 1 Reserve Champion

Blue Valley Pork Producers- Division 2 Champion

Pinnacle Bank- Division 2 Reserve Champion

Bear Bottom Farms- Division 3 Champion

Scully Estates- Division 3 Reserve Champion

In Memory of Leonard Gronewold - Grand Champion Market Swine

Farmers Cooperative- Reserve Grand Champion Market Swine

Blue Valley Pork Producers - Grand Champion Market Swine Pen-of-Three

Homestead Land Co., John Zarybnicky- Reserve Grand Champion Market Swine Pen-of-Three

Landmark Implement- Breed Award

Maximum entries per exhibitor: 4 market hogs, 1 market swine pen-of-three, 3 breeding gilts. All swine (market and breeding) must be farrowed on or after January 1, 2022. No health certificate required.

Non-terminal swine show.

EID tags are required for ALL hogs exhibited at the Gage County Fair. Swine will be checked in, EID tags scanned by Extension Staff and Gage County Ag Society at scale in swine barn. Ear notches listed on the registration papers will be verified. Any animal not meeting purebred requirements will be shown in the crossbred division. Bring I.D. sheet and registration papers with animal. Indicate breed on entry. Original registration certificates for all breeds, must be presented at check-in. Exhibitor must be present. Pens will be brought to scale for weigh-in by aisle in swine barn.

All exhibitors are automatically entered in Showmanship Contest.

Breeding gilt classes will be shown by breed and age. Any breed without at least 3 breeding gilts exhibiting in their breed will show in the All Other Breed Division.

Market hogs will be split by barrow and gilt, shown light to heavyweight, and then compete for overall market swine.

Pen-of-Three Market Swine exhibit must be three market swine from one exhibitor. NO breeding gilts. Exhibitor should be at their pen for judging; order of the aisles in the barn will be announced.

Pigs must be shown without hairdressing compounds. This includes oil, powder or other coat dressing compounds considered objectionable by the packer. Only unadulterated water is permitted. Pigs can be clipped to even up the hair, but should NOT be shaved

BREEDING CLASSES

Class # Class Description

G121010 Breeding gilt

MARKET CLASSES

Class # Class Description

G122010 Market swine

PEN OF THREE MARKET SWINE

Class # Class Description

G123010 Pen of three market swine (3 swine of one exhibitor)

4-H/FFA LLAMA/ALPACA

SHOW: Thursday, July 28, 5:00 pm

LOCATION: Main Livestock Barn Show Arena

Online Pre-Entry Deadline: July 15

ORDER OF SHOW: Showmanship (Sr. Div., Jr. Div.); Llama Show by Classes; Alpaca Show by Classes

PREMIUMS:

Llama/Alpaca Halter Classes - Premium Category 2

Trophies, Awards & Sponsors

Brett Wells Construction LLC- Champion & Reserve Llama

Maximum entries per exhibitor: 4 llama; 4 alpaca. Males or females may be exhibited, must be healthy and groomed. Llamas/alpacas will be penned in or near the main livestock barn. Llamas/alpacas will be checked-in by Extension Staff and Gage County Ag Society on the South Side of the Main Livestock Barn Show. Bring I.D. sheet with animal.

All exhibitors are automatically entered in Showmanship Contest.

HALTER CLASSES

	<u>Llama</u>	<u>Alpaca</u>
Juvenile (5-12 months)	G111010	G111050
Yearling (12-24 months)	G111020	G111060
2 Year Old (24-36 months)	G111030	G111070
Adult (36 months and older)	G111040	G111080

4-H COMPANION ANIMAL

SHOW: Wednesday, July 27, 6:00 pm; check in by 5:30 pm

LOCATION: Extension Office Meeting Room

Online Pre-Entry Deadline: July 15

ORDER OF SHOW: Cat Classes; Cat Showmanship (Sr. Div., Jr. Div.); Companion Animal Show

PREMIUMS:

Cat Classes, Cat Showmanship, Companion Animal Classes - Premium Category 7

Trophies, Awards & Sponsors

Rita's Rescue, Rita Hydo, Beatrice- Cat Best of Show
Oakview Veterinary Clinic, Julie Knoerzer, DVM- Cat Reserve Best of Show
Judges Choice Cat Awards
Adams Optical Fashions- Grand Champion Companion Animal

Health Regulations

This is a non-vetted show. Animals must be free of fleas, ticks, ear mites, ring worms, any internal and external parasites and infectious diseases. Cats are required to be current on their vaccinations of rabies, panleukopenia, viral rhinotracheitis and calicivirus. Cats must either have a current feline leukemia vaccination or proof of a negative test within 180 days of the show. Bring Vaccination Record Form as proof of vaccination. 4-H members vaccinating their cats must provide proof by including a statement from their vet on the Vaccination Record Form or by including the vaccination labels on the form and having it signed by a parent. Ferrets must be vaccinated for rabies. Rabies vaccination must be given by a Certified Veterinarian only.

Cat Show

Maximum entries per exhibitor: 2 entries, with not more than 1 entry in showmanship. No expectant or nursing mother cats may enter. If the cat is not declawed, the claws must be clipped. Kittens must be minimum 4 months of age. Cats will be shown on a leash and be on a leash when they are removed from the carrier. Cats and kittens will be shown together.

Cats must be brought in durable plastic or wire carriers, provided by exhibitor. Cats will remain in carrier except for judging. Exhibitor will provide water, food, litter, etc. as needed. Exhibitor may want to bring a cover for the carrier to prevent cat from seeing other cats.

Animals will be interview judged with exhibitor. 4-H member should wear 4-H T-shirt or emblem, long pants and hard soled shoes.

Showmanship exhibitors will be judged on performance during the class, as well as the score received on a cat knowledge test. The test is based on project manual "Your Cat and You: A Complete Guide to Cat Selection and Care." Exhibitor must clean up exhibit area. Cat Showmanship must be entered online by exhibitor.

CAT CLASSES

Class # Class Description

G101030 **Long hair cat** (minimum 4 months old)
G101040 **Short hair cat** (minimum 4 months old)

CAT SHOWMANSHIP

Exhibitor must make online entry for Showmanship Contest.

Class # Class Description

G101010 **Senior cat showmanship** — 4-H age 12 and older
G101020 **Junior cat showmanship** — 4-H age under 12

Companion Animal Show

Maximum 6 entries per exhibitor: 2 per class. Check in by 5:30 pm. Dogs, rabbits or cavyies may be entered if NOT entered in any other 4-H show. No expectant or nursing mothers may be entered. Companion animals must be brought in durable plastic or wire carriers (not cardboard). Animals will remain in carrier or other appropriate cage provided by the exhibitor except for judging. Exhibitor will provide water, food, etc. as appropriate.

Entries will be interview judged with exhibitor present. 4-H member should wear 4-H T-shirt or emblem, long pants and hard soled shoes. Exhibitor will give a short presentation on their animal, characteristics, health, care of the animal, etc.

4-H member should bring animal/s, wire or plastic carrier or cage and accessories, leash, collar, harness, etc. if applicable, and pictures of normal display, if appropriate. Animals should be free of fleas, ticks, mites, lice or

other parasites and free of contagious diseases; any animal showing signs of sickness, parasite infestation or disease will not be judged. Animals must be weaned.

Judging based on general knowledge of pet, cage/container/home, health and general appearance and presentation. Exhibitor must clean up exhibit area following completion of show.

COMPANION ANIMAL CLASSES

Class # Class Description

G100040 **Gerbil, Hamster, Mouse, Rat** (minimum 4 weeks old)
G100050 **Dog**
G100060 **Other mammal display**
G100070 **Reptile/amphibian display**
G100080 **Caged bird display** (excluding pigeons or poultry)
G100090 **Miscellaneous animal**
G100100 **Educational Exhibit** - My Pet Story & Pictures, submit in report cover; Poster, include information on proper care, 22"x28"

4-H/FFA HORSE

SHOW: Thursday, July 28, 9:00 am

Friday, July 29, 9:00 am

Saturday, July 30, 9:00 am

LOCATION: Ak-Sar-Ben Youth Complex, Horse Arena

Online Pre-Entry Deadline: July 15

ORDER OF SHOW:

Thursday - Working Ranch Horse, Breakaway Roping, Goat Tying, Ranch Horse Pleasure, Barrels, Poles

Friday - Showmanship, Showmanship Finals, Halter, Hunter Under Saddle, Hunt Seat Equitation, Walk-Trot, Western Pleasure, Western Horsemanship

Saturday - Trail, Reining, Western Riding, Ranch Horse Riding, Linden Tree Award

PREMIUMS:

Halter & Performance Classes - Premium Category 3

Trophies, Awards & Sponsors

3G's Saddle Club

All Seasons Corp, Air Conditioning, Heating, GEO

Arbor Ink, LLC

Richard Arntt Memorial

B&D Horse Boarding

Beth Lineweber & Carley Jones-Duensing

Blue River 4-H Club

Cami Saathoff-State Farm Insurance

Dave & Shirley Haner

Erichsen Family

Carl Wylie Memorial

Family of Marvin Spilker

Gage County 4-H Council

Geri Bowhay Memorial

Greg & Melissa Schultis

Jeff & Krystal Hays Family

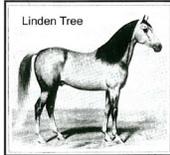
In Memory of Connie Michaelis

In Memory of Kathy Higgins-Russell

Jacque Grell Memorial

Kevin & KayCee Moss Family

Landmark Implement
Lang Safety Consulting
Larry & Roxie Agena
Larry Barnard Memorial
Norris Public Power District
Orscheln Farm & Home
Pinnacle Bank
Red Barn Farm
Sack Lumber, Beatrice
Sherri Bergen
TO Haas Tire Co
Twin Rivers Chrysler Jeep Dodge Ram
Veterinary Eye Specialists of Nebraska, Tonya McInay, DVM
Whispering Acres
William J Hamm Memorial
Wrightsmen Plumbing, Heating & Cooling Inc.
AgWest Commodities
Stewart Huenke- Stock



Linden Tree Performance Award

Gage County 4-H Council - Junior, Intermediate, Senior Division Champions

Linden Tree, A famous Arabian stallion, was foaled in the stables of Abdul Hamid II in Constantinople in 1874. The Sultan of Turkey presented him to General U.S. Grant in 1878. Linden Tree was brought to Connecticut in 1879 and exhibited at many fairs. In 1888, Grant sold this famous stallion to General Leonard W. Colby of Beatrice for \$10,000. In 1890 when a harness racing track was opened by the Beatrice Trotting Association, it was named Linden Tree Park, after this exotic, historical horse. Linden Tree was buried in the infield in 1902.

A performance award will be presented (4-H age - January 1, 2022): Senior division (15 & older), Intermediate division (ages 11-14), Junior division (age 8-10). Exhibitor must compete in three classes, including showmanship. Exhibitor may use more than one horse in their events for the competition. Halter, may NOT be entered for the competition.

Online entry deadline: July 15, 5:00 pm; designate the three classes for contest. Enter online at <https://gage.fairwire.com>. Points awarded as follows: purple- 8 points, blue- 6 points, red- 4 points, white- 2 points; an additional 1 point awarded for class champion. Tie breaker will be the highest placing in showmanship class. Awards presented Saturday at conclusion of show.

Horse Show Guidelines

Maximum entries per exhibitor: 4 horses; only these four horses may be used in halter and performance classes. Exhibitors and horses are allowed to enter performance classes once. In each event, senior division will be first, followed by intermediate division and junior division.

All exhibitors are automatically entered in Showmanship Contest.

Rules follow Nebraska 4-H Horse Show and Judging Guide (4-H 373). Revision 2021.

If exhibitor has more than one entry in a Halter class, alternate 4-H exhibitor may show the second entry and MUST wear the exhibitor number of the youth who submitted entries.

NO horse may cross enter a western pleasure and ranch horse pleasure class regardless of age division.

NO parents riding exhibitor's horses. NO non-exhibitor horses permitted on grounds except Sunday. NO youth under the 4-H age of 8 permitted on a horse.

Older intact males will not be allowed to show.

Exercise area is restricted to the area east of the horse barns and south of the old horse arena. Horses not allowed north of the livestock barns.

***Starting 2022-** exhibitors must complete Level I before July 15, 2022 to enter in any pleasure or horsemanship/equitation classes at the Gage County Fair Horse Show. If a 4-H member enters a walk/trot class, the only other classes available to the walk/trot entrant will be Showmanship, Halter, Walk-Trot, Walk-Trot Horsemanship, Barrels, Poles, and Goat Tying. These additional riding events must be performed at a walk/trot and will be subject to disqualification at the discretion of the judge if member enters into a lope. First year 4-H members, of any 4-H age, will be given until the beginning of their second year of 4-H to complete Level I. All Level certifications must be submitted to the Extension Office by the July 15th deadline.

HUNTER UNDER SADDLE

- G132010 Senior division (ages 14 & older)
- G132020 Junior division (ages 8-13)

HUNT SEAT EQUITATION

- G133010 Senior division (ages 14 & older)
- G133020 Junior division (ages 8-13)

HALTER CLASSES

- | | | | |
|---------|-------------------------|---------|----------------------------|
| G131011 | Yearling Filley | G131040 | Yearling Gelding |
| G131012 | Two-Year-Old Filley | G131041 | Two-Year-Old Gelding |
| G131020 | Mare (3-6 years) | G131050 | Gelding (3-6 years) |
| G131021 | Mare (7-12 years) | G131051 | Gelding (7-12 years) |
| G131022 | Mare (13 years & older) | G131052 | Gelding (13 years & older) |

WALK-TROT

Participants in Walk-Trot are not eligible to enter any classes that require loping.

- G135010 Junior division (4-H ages 8-10)

WESTERN PLEASURE

- G134010 Senior division (ages 15 & older)
- G134020 Intermediate division (ages 11-14)
- G134030 Junior division (ages 8-10)

WESTERN HORSEMANSHIP

- G136010 Senior division (ages 15 & older)
- G136020 Intermediate division (ages 11-14)
- G136030 Junior division (ages 8-10)
- G136040 Walk-Trot (non-Level 1)

TRAIL

- G137010 Senior division (ages 15 & older)
- G137020 Intermediate division (ages 11-14)
- G137030 Junior division (ages 8-10)

REINING

- G234010 Senior division (ages 15 & older)
- G234020 Intermediate division (ages 11-14)
- G234030 Junior division (ages 8-10)

WESTERN RIDING

- G236010 Senior division (ages 15 & older)
- G236020 Intermediate division (ages 11-14)
- G236030 Junior division (ages 8-10)

RANCH HORSE PLEASURE

- G239010 Senior division (ages 15 & older)
- G239020 Intermediate division (ages 11-14)
- G239030 Junior division (ages 8-10)

RANCH HORSE RIDING

- G235010 Senior division (ages 15 & older)
- G235020 Intermediate division (ages 11-14)
- G235030 Junior division (ages 8-10)

POLE BENDING

- G238010 Senior division (ages 15 & older)
- G238020 Intermediate division (ages 11-14)
- G238030 Junior division (ages 8-10)

Pony Poles (14 hands or under)

- G238040 Junior & Intermediate division (ages 8-14)

BARREL RACING

- G237010 Senior division (ages 15 & older)
- G237020 Intermediate division (ages 11-14)
- G237030 Junior division (ages 8-10)

Pony Barrels (14 hands or under)

- G237040 Junior & Intermediate division (ages 8-14)

BREAK-AWAY ROPING

- G230010 Break-away calf roping — Senior division (ages 14 & older)
- G230020 Break-away calf roping — Junior division (ages 8-13)

WORKING RANCH HORSE

- G233010 Senior division (ages 14 & older)
- G233020 Junior division (ages 8-13)

GOAT TYING

Juniors may only enter in either tying or ribbon pulling, not both

Tying

- G231010 Senior (ages 14 & older)
- G231020 Junior (ages 8-13)

Ribbon Pulling

- G232010 Junior (ages 8-10)

LINDEN TREE PERFORMANCE AWARD

Exhibitor must compete in three classes, including showmanship.

Halter may NOT be entered for award.

- G240010 Senior division (ages 15 & older)
- G240020 Intermediate division (ages 11-14)
- G240030 Junior division (ages 8-10)

4-H/FFA STATIC EXHIBITS

GENERAL RULES

4-H/FFA Entry Website: gage.fairwire.com

PROJECT INFORMATION

Youth must be enrolled in project area to exhibit (v2.4honline.com) by June 15th. Exhibit must be the result of current 4-H Project made since July 31, 2021. Exhibits must conform to directions in each class.

Limit one exhibit per class per exhibitor unless otherwise stated. Label each exhibit with exhibitor's name on back or bottom in the event the entry tags are removed.

Incorrect or incomplete entries will be lowered one ribbon placing. Non-competitive exhibits receive a rainbow ribbon.

4-H/FFA BUILDING (STATIC) EXHIBIT PRE-ENTRY

All 4-H/FFA Building entries for the Gage County Fair & Expo must be entered online at gage.fairwire.com. Deadline for online registration is July 15, 5:00 pm. **Entries will be accepted after the deadline, up until exhibit check-in at the Gage County Fair. However, premiums (money associated with ribbon color earned) will be forfeited for each late entry.**

CHECK-IN FOR 4-H/FFA STATIC EXHIBITS

Check-in will take place on Monday, July 25 from 5:00 p.m. - 8:00 p.m. and Tuesday, July 26 from 10:00 a.m. - 2:00 p.m. All Static Exhibits will be entered at the 4-H Building. When you arrive at the building, locate the areas that you have exhibits. Superintendents will be available to assist you on Tuesday at check-in. A staging or prep area will be available.

PREPARING EXHIBITS FOR CHECK-IN

Please prepare your exhibits for check-in:

- Pick-up your entry tags at the Extension Office. They will be available for pick-up Tuesday, July 19- Friday, July 22, 8:00 a.m. - 4:30 p.m.
- Check to make sure your entry tags are correct for your exhibit. If there are any issues, please email gage-county@unl.edu.
- Attach your entry tags to the corresponding exhibit (two tags per exhibit) use tape, paperclips, pins, or rubber bands to secure the tag. Attach the tags in a way that can be viewed from the front of the exhibit. For example, on a framed drawing, attach the entry tag on the front side of the frame rather than the back.
- Note project area if supplemental information is required for exhibit.

SCORESHEETS

State Fair score sheets will be used when applicable and are available to view under each corresponding project area at: <https://4h.unl.edu/state-fair/static-exhibitor>

COUNTY FAIR - STATE FAIR CLASSES IN FAIRBOOK

Gage County fairbook classes are formatted to match the Nebraska State Fair fairbook. **Classes marked with an * are COUNTY FAIR ONLY CLASSES AND ARE NOT ELIGIBLE FOR STATE FAIR. Classes WITHOUT an * are eligible for State Fair competition**

NEBRASKA STATE FAIR

4-H static exhibits selected for the Nebraska State Fair, are indicated on the exhibit. All static exhibits selected for the State Fair must receive a purple ribbon at county fair judging. Alternates will be chosen and notified if they become eligible. Level 1 projects do not advance to State Fair. The Extension staff delivers many exhibits to the State Fair as a courtesy to exhibitors. However, exhibitors may be asked to arrange transportation of some articles that are large or heavy.

EXHIBIT RELEASE

Exhibits will be released from the 4-H Building Sunday, July 31 after 7 pm. No premium money will be given if exhibits are removed before deadline. Remaining exhibits should be picked up Monday, August 1.

AGE DIVISIONS (as of January 1, 2022):

- Senior - 14 and older
- Intermediate - 11-13
- Junior - 8-10

4-H & FFA PREMIUM PAYMENT CATEGORIES

Category	1	2	3	4	5	6	7	8
Purple	15.00	8.00	6.50	5.00	3.75	3.00	2.50	2.00
Blue	12.00	5.00	4.00	3.75	3.00	2.50	2.00	1.50
Red	10.00	3.50	3.00	2.75	2.50	2.00	1.75	1.25
White	6.00	2.50	1.75	1.50	1.25	1.25	1.00	1.00

DEPARTMENT 35 ANIMAL SCIENCE STATIC EXHIBITS

Online Pre-Entry Deadline: July 15

HORSE & LIVESTOCK PROJECT EXHIBITS - Division 839

Premium Category 7

Open to 4-H member enrolled in livestock, horse or small animal project/s.

*H839010 Coat, Covering, Blanket, Bed, or Textile Accessory Made by 4-H Member

*H839011 Rope Exhibit- Display minimum of 5 knots on sturdy base; label knots

*H839012 Exhibit of Choice- Educational notebook, display, poster (14"x22"), collection of materials that relate to project. Include 8 1/2" x 11" page describing exhibit and summary of learning.

VETERINARY SCIENCE - Division 840

Normal Animal Unit 1

Animal Disease Unit 2

Animal Health & Its' Relationship to our World Unit 3

Purpose of the exhibit is to inform the public regarding a common health problem of animals, a veterinary science principle, or public health/zoonotic diseases. Do not confuse veterinary science display topics with animal husbandry, history or production topics. Exhibit may be a poster, notebook, or a display.

Poster exhibit presents the viewer with a design that is simple and direct, with accurate, complete information. Maximum size 22"x28", either vertical or horizontal.

Display may include, but is not limited to, 3-dimensional exhibit, a scale

model, the actual product (ex: skeleton, teeth, samples of leather, fur or dried skin damaged by disease or parasites) or a notebook. Display may be mounted on poster board, not to exceed 22"x28" or on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide, or in a 3-ring binder or another bound notebook format.

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 and quality, Efficient and safe livestock working facilities, or a topic of the exhibitors choosing related to veterinary medicine or veterinary science. *Remember, since these are science displays, all references and information needs to be properly cited. Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with Veterinarians and excerpts from Veterinary Educational Literature. Remember, since these are science displays, all reference and information needs to be properly cited. Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.

Because of public safety concerns and risk of theft of contents, animal first aid kits containing any drugs or medications will be immediately disqualified and not displayed. First Aid Kits wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer generated print-outs or empty packaging of pharmaceuticals.

If photographs are a part of the exhibit, remember that these are viewed by the public. Make sure photographs are in good taste and will not be offensive to viewer. Graphic photos of excessive bleeding, trauma or painful procedures are not appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown. Ex: use of drapes, use of sterile procedures, wearing gloves, and other appropriate veterinary medical practices.

State Fair exhibit must represent material from exhibitors enrolled in Unit 2 or 3.

Premium Category 7

- H840001 Veterinary Science Large Animal Poster, Notebook, or Display
- H840002 Veterinary Science Small Animal/Pet Poster, Notebook, or Display
- *H840003 Exhibit of Choice

DEPARTMENT 36 PLANT SCIENCE

Online Pre-Entry Deadline: July 15

Trophies, Awards & Sponsors

- Gage County 4-H Family** - Senior Division All-Stars Champion
- Gage County 4-H Family** - Intermediate Division All-Stars Champion
- Connie Michaelis Memorial** - Junior Division All-Stars Champion
- Gage County 4-H Council** - Champion Theme Exhibit

PLANT SCIENCE THEME EXHIBITS - Division 769

Deep Roots + Dusty Boots

Non-Competitive

Open to 4-H member enrolled in Horticulture project. Include cultivar or variety of exhibit. Entry may NOT be duplicated in other flower or vegetable classes. Plant, Vegetable, Flower, Display, Photo, Story, Report, or Poster - 14"x22".

- *G769500 Heirloom Cut Flower (5 stems)
- *G769501 Root Vegetables (2)
- *G769502 Theme Planter

- *G769503 Heirloom Vegetable (2)
- *G769504 Floral Arrangement in boot
- *G769505 Root display or poster
- *G769506 Exhibit of choice

HORTICULTURE JUDGING CONTEST

Online Contest: June 3-20

See Department 44 - 4-H Contests for more information.

HORTICULTURE PROJECT INFORMATION

The purpose of Horticulture is to encourage participants to start and maintain vegetable gardens. In addition, 4-H'ers can participate in planting, growing, and caring for flowers. There is also a special gardening project in this category that 4-H'ers can participate in.

See "General Rules" on page 19 for project information.

4-H All-Star Champion and Reserve Champion Awards - Age Divisions (4-H age January 1, 2022): Sr. Division- 14 and older; Int. Division- 11-13; Jr. Division- 8-10.

Nebraska State Fair: Classes are eligible for State Fair competition unless marked with an * which denotes COUNTY CLASS ONLY. All static exhibits selected for the State Fair must receive a purple ribbon at county fair judging.

Label each exhibit with exhibitor's name on back or bottom of exhibit. **Label** all pieces of an exhibit.

Exhibits released Sunday, July 31. No premium money given if exhibits are removed before deadline. Remaining exhibits should be picked up Monday, August 1.

COUNTY PLANT SCIENCE EXHIBIT - Division 771

CROPS OF AMERICA: UNIQUE HEIRLOOM CORN

Premium Category 7

Open to 4-H member enrolled in project at Extension Office. Pick up 2 buckets and 2 varieties of seeds at Extension Office. Indicate cultivar or variety on entry.

- *G771001 Heirloom Corn Collection (1 or 2 buckets)
- *G771002 Write a Story, Essay or Poem about project experience/s. Include picture/s. Exhibit in a clear plastic report cover.
- *G771003 Exhibit of Choice - focus on some aspect of the project.

VEGETABLE & FLOWER ART

Premium Category 7

Open to 4-H member enrolled in Plant Science project. Exhibit on heavy plate or base.

- *G771005 Vegetable, Fruit and/or Flower Art Creature or Creation
- *G771006 Floral Arrangement
- *G771010 Pressed Flower Art
- *G771011 Flower press made by 4-Her
- *G771012 Exhibit of Choice

SPECIAL GARDEN PROJECT: Division 775

Premium Category 7

2022 plant is Rubenza Cosmos. Open to 4-H member enrolled in project at Extension Office. Pick up seeds at Extension Office. Indicate cultivar or variety on entry.

- G775001 Educational Exhibit based on what was learned from project. Present information on poster 14"x22", either vertical or horizontal, or in a clear plastic report cover. Exhibitor's name, age, address and county must be on the back of poster or report cover.
- G775002 Rubenza Cosmo - 5 cut stems

FLORICULTURE & HOUSEPLANTS - Division 770

Follow guidelines in 4-H "Preparing Cut Flowers for Exhibits" 4-H227

The cultivar or variety name must be included on all entry cards. If potted container with several cultivar or varieties identify each individually within the pot. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel. For Floriculture, punch hole in the top center of entry tag, use a rubber band to securely attach entry tag to containers.

Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing. In classes 23, 45 & 46, do not duplicate entries from the already listed classes or entry will be dropped one ribbon placing. For example 4-H'ers with two cultivars or varieties of marigolds can only enter the marigold class and cannot enter the other cultivar or variety in any other class. A perennial is defined as a plant of which the crown overwinters. An annual is a plant that grows from seed each season, whether self-seeded or planted by the gardener. A biennial is a plant that germinates, grows and overwinters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.

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

FLORICULTURE Premium Category 7

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

G770001 Aster	G770015 Pansy
G770002 Bachelor Buttons	G770016 Petunia
G770003 Bells of Ireland	G770017 Salvia
G770004 Browallia	G770018 Snapdragon
G770005 Calendula	G770019 Statice
G770006 Celosia (crested or plume)(3)	G770020 Sunflower (under 3" diameter- 5 stems, 3" or more in diameter, 3 stems)
G770007 Cosmos	G770021 Vinca
G770008 Dahlia	G770022 Zinnia
G770009 Dianthus	G770023 Any other annual or biennial (under 3" diameter - 5 stems, 3" or more - 3 stems)
G770010 Foxglove	
G770011 Gladiolus (3 stems)	
G770012 Gomphrena	
G770013 Hollyhock (3)	
G770014 Marigold	

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

G770030 Achillea/Yarrow	G770040 Platycodon
G770031 Chrysanthemum	G770041 Rose (3 stems)
G770032 Coneflower	G770042 Rudbeckia/ Black-eyed Susan
G770033 Coreopsis	G770043 Sedum
G770034 Daisy	G770044 Statice
G770035 Gaillardia	G770045 Any other perennial (under 3" diameter - 5 stems, 3" or more - 3 stems)
G770036 Helianthus	
G770037 Hydrangea (3 stems)	
G770038 Liatris (3 stems)	
G770039 Lilies (3 stems) (Not daylilies)	

Premium Category 6

G770046 Flower Garden Collection of 5 Different Flowers- Display in a box or other holder not more than 18" in any dimension. Each flower in collection should be exhibited with the number specified for classes 1-45. Do not duplicate entries in classes 1-45 with any in the group collection.

FLOWER EDUCATIONAL EXHIBIT

Premium Category 6

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

Premium Category 7

- G770051 Flower Garden Poster- 14"x22"x2" poster (3-dimensional, if needed) illustrating skill or project you have done or learned in a 4-H flowers or houseplant project. Might show a special technique used or equipment incorporated in the garden. Refer to 4-H horticulture project manuals, but use your own creativity. Label on the back of the poster: member's name, age, address, county and years in project/s.
- G770052 Flower Garden Promotion Poster- 14"x22", horizontal or vertical, promoting flower gardening. May be any medium: watercolor, ink, crayon, etc. No 3-dimensional. Posters using copyrighted materials will not be accepted. Label on the back of the poster: member's name, age, address, county and years in the project/s.
- G770053 Flower Gardening History Interview- Handwritten or typed account of a gardening history interview whose flower garden has inspired you. Maximum 4 pages of text and 2 pages of pictures (include photo of the person you interviewed) of their flower garden if the individual is still gardening. Protect with clear report cover. Label on back: member's name, age, address, county and years in the project/s.

HOUSEPLANTS Premium Category 6

Choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry or on a card attached to container. Identify each plant individually if more than one cultivar or variety. Houseplants should be grown in display container minimum of 6 weeks. Plants grown as houseplants must be used. See NebGuide G2205 "Guide to Growing Houseplants" and NebGuide G837 "Guide to Selecting Houseplants". Containers of annual flowers or annual plants are NOT eligible for State Fair.

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

Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, desert gardens and terrariums may be up to 12" in diameter (inside opening measurement).

Each exhibit must include a saucer to catch drainage water. Label with: member's name, age, address, county and years in the project/s must be on the bottom or back of the container and saucer.

- G770060 Flowering Potted Houseplant/s that are blooming for exhibition. Container may have one or more houseplants in container. Label name for each plant.
- G770061 Foliage Potted Houseplant - one variety of tropical or cacti or succulent plant.

- G770062 Hanging Basket - of Flowering or Foliage Houseplants. Container may have one or more houseplants in container. Label name for each plant.
- G770063 Dish Garden- Open/shallow container featuring a variety of house plants, excluding cacti and succulents. Label name for each plant.
- G770064 Fairy or Miniature Garden- A miniature "scene" contained in an open container and featuring miniature or small, slow growing houseplants. Garden needs to have an imaginative theme and miniature accessories (ex: bench, fence made from tiny twigs, small shell for a bath tub, etc.) Label name for each plant.
- G770065 Desert Garden- Open/shallow container featuring a variety of cacti and/or succulents grown as houseplants. Label name for each plant.
- G770066 Terrarium- Transparent container, partially or completely enclosed; sealed or unsealed. Label name for each plant.
- *G770067 Hanging Basket or Planter/Pot of Outdoor Plant/s

- G773224 Hot (Non-Jalapeno) Peppers, 5
- G773225 White Potatoes, 5
- G773226 Red Potatoes, 5
- G773227 Russet Potatoes, 5
- G773228 Other Potatoes, 5
- G773248 Watermelon, 2
- G773249 Dry Edible Beans, 1 pint
- G773250 Gourds, mixed types, 5
- G773251 Gourds, single variety, 5
- G773252 Any other vegetable 2, 5, 12 (do not duplicate entries in classes G773201-G773251) that doesn't fit any other class

Premium Category 6

- G773255 Vegetable Garden Collection- Exhibit five kinds of vegetables displayed in box not more than 24" in any dimension. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used. Exhibit number of vegetables shown above. Must be vegetables not exhibited in classes G773201-G773252.
- G773256 Cultivar Vegetable Collection- Exhibit a collection of 5 cultivars from a single exhibit; for examples, 5 cultivars of all types of peppers or squash or onions or tomatoes, etc. Display in a box maximum 24" in dimension. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used. Exhibit number of vegetables shown above.

HERBS

Premium Category 7

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

- G773260 Basil, 5
- G773261 Dill (dry), 5
- G773262 Garlic (bulbs), 5
- G773263 Mint, 5
- G773264 Oregano, 5
- G773265 Parsley, 5
- G773266 Sage, 5
- G773267 Thyme, 5
- G773268 Any other herb, 5 (do not duplicate entries in classes G773260-G773267)

Premium Category 6

- G773269 Herb Garden Display- Display 5 different herbs, 5 each, in a box or other holder not more than 18" in dimension. Must be herbs not exhibited in class G773260-G773268. Cultivar or variety name must be on entry tag.

FRUITS

Premium Category 7

- 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. Cultivar or variety name must be on entry.
- G773280 Strawberries (everbearers), 1 pint
- G773281 Grapes, 2 bunches
- G773282 Apples, 5
- G773283 Pears, 5
- G773284 Wild Plums, 1 pint
- G773285 Other small fruit or berries, 1 pint (do not duplicate entries in classes G773280-G773284)
- G773286 Other fruits or nuts, 5 (do not duplicate entries in classes G773280-G773284)

VEGETABLES, HERBS, FRUITS

& EDUCATIONAL EXHIBITS - Division 773

The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing. In classes 252, 255, 268, 269, 285 and 286 do not duplicate entries from any of the other classes or entry will be dropped one ribbon placing. For example: 4-H'ers with two cultivars or varieties of red tomatoes can only enter the red tomatoes class and cannot enter the other cultivar or variety in any other vegetable class.

Follow the guidelines in Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit 4H226 when preparing entries for the fair. At State Fair, plates will be provided for the exhibitor.

VEGETABLES

Premium Category 7

Paper plates will be provided for exhibits. Cultivar or variety name must be on entry. Vegetables must be grown by exhibitor.

- | | |
|-------------------------------------|---|
| G773201 Lima Beans, 12 | G773229 Pumpkin, 2 |
| G773202 Snap Beans, 12 | G773230 Miniature Pumpkins (Jack Be Little type), 5 |
| G773203 Wax Beans, 12 | G773231 Radish, 5 |
| G773204 Beets, 5 | G773232 Rhubarb, 5 |
| G773205 Broccoli, 2 | G773233 Rutabaga, 2 |
| G773206 Brussels Sprouts, 12 | G773234 Green Summer Squash, 2 |
| G773207 Green Cabbage, 2 | G773235 Yellow Summer Squash, 2 |
| G773208 Red Cabbage, 2 | G773236 White Summer Squash, 2 |
| G773209 Carrots, 5 | G773237 Acorn Squash, 2 |
| G773210 Cauliflower, 2 | G773238 Butternut Squash, 2 |
| G773211 Slicing Cucumbers, 2 | G773239 Buttercup Squash, 2 |
| G773212 Pickling Cucumbers, 5 | G773240 Other Winter Squash, 2 |
| G773213 Eggplant, 2 | G773241 Sweet Corn (in husks), 5 |
| G773214 Kohlrabi, 5 | G773242 Swiss Chard, 5 |
| G773215 Muskmelon/Cantaloupe, 2 | G773243 Red Tomatoes (2" or more in diameter), 5 |
| G773216 Okra, 5 | G773244 Roma or Sauce-type Tomatoes, 5 |
| G773217 Yellow Onions, 5 | G773245 Salad Tomatoes (under 2" diameter), 12 |
| G773218 Red Onions, 5 | G773246 Yellow Tomatoes (2" or more in diameter), 5 |
| G773219 White Onions, 5 | G773247 Turnips, 5 |
| G773220 Parsnips, 5 | |
| G773221 Bell Peppers, 5 | |
| G773222 Sweet (Non-Bell) Peppers, 5 | |
| G773223 Jalapeno Peppers, 5 | |

EDUCATIONAL EXHIBITS

Premium Category 7

- G773290 Garden Promotion Poster- Promote vegetable or herb gardening, 14"x22", either vertical or horizontal. Poster may be in any medium; no 3-dimensional. No copy-righted materials. Label back of poster with Member's name, age, address, county and years in the project/s.
- G773291 Educational Vegetable or Herb Garden Poster- 14"x22"x2" poster (3-dimensional, if needed), vertical or horizontal, illustrating a skill or project the 4-H member has done or learned. One might show a special technique used or equipment incorporated in the garden (e.g., drip irrigation system, composting, or special techniques learned). Label poster with: member's name, age, address, county and years in project/s.
- G773292 Vegetable and/or Herb Gardening History Interview- Handwritten or typed account of a gardening history interview of someone whose vegetable or herb garden has inspired you. Maximum 4 pages of text and 2 pages of pictures (include photo of the person you interviewed) of their garden if the individual is still gardening. Protect with clear report cover. On the back, label with name, age, address, county, years in project/s.

Premium Category 6

- G773293 Vegetable Seed Display- Display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade), and Legume (pea) families plus representatives from five other families. Group seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22"x24". 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 display explaining why and how it is important to know which vegetables are related; cite references on where the scientific name information was found. On the back, label with name, age, address, county and years in the project/s.
- G773294 World of Vegetables Notebook- Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (ex: 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 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. Label with name, age, address, county, and years in the project on back cover of report or notebook.

AGRONOMY & CROP PRODUCTION - Division 750

FIELD CROPS

Premium Category 6

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

Grain or Plant Exhibits: A completed Crop Production Worksheet must accompany grain and plant exhibits or it will be deducted one ribbon placing. The worksheet must include the exhibitors name and address, county, plant hybrid or variety, plant population, whether crop production was irrigated or

dryland, and general information including farm cropping history, soil type and weather effects. 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 decisions on 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. Worksheet counts as 50% of the score. Worksheet must be the original work of the exhibitor. Attach worksheet to the entry in a clear plastic cover that it can be read without removing it from the cover. In addition to the worksheet, grain and plant exhibits will be judged on condition, appearance (i.e., disease and insect damage, grain fill), uniformity (size, shape, color, maturity) and quality of exhibit.

Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (i.e., corn or soybeans) may be from the previous year's project. Plant exhibits, with the exception of ears of corn, must be the result of the current year's project. Grain Sorghum- 4 stalks (cut at ground level and bound together). Small Grains (oats, barley, wheat, triticale)- sheaf of heads 2" in diameter at top, tie with stems 24" long.

G750001 Corn - 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together); includes yellow, white, pop, waxy, or any other type.

G750002 Soybeans - 6 stalks (cut at ground level and bound together)

G750003 Oats

G750004 Wheat

G750005 Other Crops (grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.).

Displays: Purpose of the display is to tell an educational story. Display is a visual representation (pictures, charts, graphs) no larger than 28" wide x 28" tall on plywood or poster board. The display should be neatly titled. Label with exhibitor's name, address and county on back side. Explain pictures and graphs clearly and concisely. Must have a one page essay explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic report cover with the exhibitor's name outside. If a display does not have an essay, it will be deducted one ribbon placing

G750006 Crop Production Display- Purpose of this class is to allow original, creative exhibits that contain educational information about crop production aspects, such as crop scouting, alternative crops, pest management, etc.

G750007 Crop Technology Display- Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.

G750008 Crop End Use Display- Information about the final product or end uses for a crop, such as food, feed, fuel or other products. Ex: corn can be processed into livestock feed, ethanol, plastics, etc. or soybeans can be processed into bio-diesel, pet bedding, crayons, oil, etc. This should not be about the process of crop production, but focus on end product(s).

G750009 Water or Soil Display- Information about water or soils, such as how soils are being used for crop production, range, conservation, wildlife, or wetland use, or ways to protect or conserve water and soil resources.

G750010 Career Interview Display- Investigate a career in agronomy. Interview 1 person who works with crops about such topics as what parts of their job do they enjoy or dislike, why did they choose that career, what was their education, etc. Include a picture of the person interviewed.

SPECIAL AGRONOMY PROJECT

The crop of the year for 2022 is broomcorn sorghum. Youth experience a crop that is grown, was grown or has the potential to be grown in Nebraska by growing it, researching traits of that crop and determine viability of that crop in the part of the state they live. Youth will grow seeds in their garden or pots. Written resources materials will be available for youth, in addition to virtual, live or recorded videos/field trips. Youth will be eligible to enter an exhibit at both the county and/or state fair in the agronomy project area.

Supporting documentation (½ to 1-page in length) should include the following: Economic Analysis and/or research that supports feasibility of this crop in Nebraska or how the crop has evolved over time. Other topics to discuss are past/current commercial production of this crop. This includes: the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season about this crop and what you learned from your crops project. This ½ to 1-page summary counts as 50% of the total when judged. In addition to the summary, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit.

G750011 - Special Agronomy Project - Educational Exhibit (SF259)- Educational exhibit based on what was learned from the project. Present information on a poster 14" X 22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, full address, and county must be on the back of the poster or report cover. Refer to Scoresheet SF259. Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.

G750012 Special Agronomy Project -Video Presentation - 4-H exhibitor designs a multimedia presentation related to the crop. This could include narration of the growing process, presenting facts about the crop or any other innovative multimedia practices. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip. Any of the following file formats will be accepted: mp4, .mov, .ppt, or .avi.

G750013 Special Agronomy Project (Freshly Harvested Crop) Plant exhibits must be the result of the current year's project. Depending on the type of crop selected for the current year: Corn - 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together) Grain Sorghum - 4 stalks (cut at ground level and bound together) Soy beans - 6 stalks (cut at ground level and bound together) Small grains (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tie with stems about 24" long. Other crops (alfalfa, millet, etc.) - sheaf of stems 3 inches in diameter at top tied with stems cut at ground level.

WEED SCIENCE - Division 751

Premium Category 6

4-H member enrolled in the Conservation, Environment 1, 2, or 3, Reading the Range 1 or Using Nebraska Range 2, or Crop Production, Field Crops projects may exhibit a weed book or weed display. The book cover and at least 15 specimens must be this year's work. For assistance identifying plants, refer to Nebraska Department of Agriculture's Weeds of Nebraska and the Great Plains (1994) or Weeds of the Great Plains (2003). Judging based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements.

Books- Display one plant on the book cover. Plants must be mounted on sheets that are no larger than 14" wide x 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 exhibited (ex: noxious, life form). This information should be typed or printed neatly. Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements.

Displays- Purpose of display is to tell an educational story. The display is a visual presentation (pictures, charts, graphs) no larger than 28"x28" plywood or poster board. The display should be neatly titled. Label with exhibitor's name, address and county on back side. Explain pictures and graphs clearly and concisely. Must have a one page essay explaining why 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 report cover with the exhibitor's name outside.

G751001 Weed Identification Book- A collection of a minimum of 15 plant mounts, including at least 2 of the following prohibited noxious weeds (Canada thistle, musk thistle, plumeless thistle, salt cedar, leafy spurge, purple lossestrife, diffuse knapweed, spotted knapweed, Japanese knapweed, bohemian knotweed, giant knotweed, sericea lespedeza or phragmites), and at least 5 weeds that are a problem primarily in lawns.

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

G751003 Weed Display- Purpose of this class is to allow original, 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 make a weed a weed, or uses for weeds.

DEPARTMENT 37

ENVIRONMENTAL EDUCATION

& EARTH SCIENCE

Online Pre-Entry Deadline: July 15

PROJECT INFORMATION

See "General Rules" on page 19 for project information.

Nebraska State Fair: Classes are eligible for State Fair competition unless marked with an * which denotes COUNTY CLASS ONLY. All static exhibits selected for the State Fair must receive a purple ribbon at county fair judging.

Label each exhibit with exhibitor's name on back or bottom of exhibit. **Label** all pieces of an exhibit.

Exhibits released Sunday, July 31. No premium money given if exhibits are removed before deadline. Remaining exhibits should be picked up Monday, August 1.

GEOLOGY- Division 330

Premium Category 7

Open to any 4-H member.

- *D330001 Level 1 Geology Exhibit - use 4-H Geology manual (pages 5-24), available at Extension Office, as a guide to complete exhibit.
- *D330002 Level 2 Geology Exhibit - use 4-H Geology manual (pages 25-40), available at Extension Office, as a guide to complete exhibit.
- *D330003 Level 3 Geology Exhibit - use 4-H Geology manual (pages 41-54), available at Extension Office, as a guide to complete exhibit.
- *D330004 Level 4 Geology Exhibit - use 4-H Geology manual (pages 55-

- 65), available at Extension Office, as a guide to complete exhibit.
- *D330005 Rock Display- 12 rocks or minerals displayed in an egg carton (styrofoam or cardboard). Label each as sedimentary, metamorphic or igneous, with the specific name, date, and place found.
 - *D330006 Collection of Fossils- Label with date and place found, etc.
 - *D330007 Geology Exhibit of Your Choice

RANGE MANAGEMENT - Division 330

Premium Category 6

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

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, shrubs, and grass-like plants) can be found in the Range Judging Handbook Contest Guide (EC 150, revised July 2016), Common Grasses of Nebraska (EC 170) and Common Forbs and Shrubs of Nebraska (EC 118).

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.

Books (classes 1-6) - Plants must be mounted on sheets that are no larger than 14" wide by 14" high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue. 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 order that plants were collected in your personal collection, 7) Other information, depending on class selected, e.g., value and importance, life span, growth season, origin, types of range plants. This information should be typed or printed neatly. Exhibits judged on completeness of plant mount, accuracy of identification, labeling, neatness and conformation to project requirements.

- D330001 Value and Importance for Livestock Forage and Wildlife Habitat and Food Book- A collection of 12 different plant mounts, with 4 classified as high value, 4 as medium value, and 4 as low value for livestock forage, wildlife habitat, or wildlife food. Value and importance classifications can be found in the Range Judging Handbook and Contest Guide, Appendix Table 1 (EC150, Revised July 2016), starting on page 42. Plants can consist of any combination of grasses, grass-like plants, forbs or shrubs. Assemble plant mounts in order of high, medium, and low importance classifications for each of the three areas: Livestock Forage, Wildlife Habitat, Wildlife Food.
- D330002 Life Span Book- A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.
- D330003 Growth Season Book- A collection of 6 cool-season grass mounts and 6 warm-season grass mounts.
- D330004 Origin Book- A collection of plant mounts of 6 native range grasses and 6 introduced grasses. Introduced grasses are not from North America and often used to seed pastures.
- D330005 Major Types of Range Plants Book- A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like and 3 shrubs.
- D330006 Range Plant Collection Book- Collection of 12 range plant mounts with something in common (i.e. poisonous to cattle, historically used as food by Native Americans, 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 (class 7)- Purpose of display is to tell an educational story. The display is a visual presentation (pictures, charts, graphs) no larger than 28"x28" plywood or poster board. The display should be neatly titled. Label with exhibitor's name, address and county on back side.

D330007 Parts of a Range Plant Poster- Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner. Label name and count on back of poster.

Boards (class 8-9) - Maximum 30" wide x 36" tall or if hinged in the middle a maximum of 50" wide x 36" tall. Boards must be adequately labeled.

D330008 Special Study Board- A display of the results of a clipping study, a degree of use study or a range site study, etc.

D330009 Junior Rancher Board- Include a ranch map with record book or an appropriate educational display on some phase of rangeland or livestock management.

FORESTRY - Division 320

TREE IDENTIFICATION

LEAFING OUT

Premium Category 6

Official reference for forestry exhibits is revised Tree Identification Manual (4-H 332). Other resources: Trees of Nebraska (EC 92-1774-X), Leafing Out (4H 431), Plant a Tree (EC 17-11-80).

General Information

Display boards must be made from wood or wood composite, (ex: plywood, fiberboard or masonite), 1/4" to 1/2" thick and no larger than 24"x24". Display boards may be coated on both sides (painted or varnished) to prevent warping. Display posters must be made from a material, (ex: foam board or posterboard) that will upright without buckling, no larger than 24"x24". Display books must measure no more than 16"x16".

At least 5 of the 10 samples in class #2,3,4, and 5 must be from the list of 60 species described in 4-H 332. Samples to be judged must be from 10 different tree species. Ex: 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. Due to emerald ash borer infestation, no true ash species (Green Ash, White Ash, Black Ash, or Blue Ash) may be included in any collections. Inclusion of a true ash species will result in the project being disqualified.

General labeling standards apply. Ex: 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. Ex: 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.

D320001 Design Your Own Exhibit- Educational exhibit about some aspect of trees, forests or forestry that is of special interest to you. Possible topics include paper recycling, wild fire, forest products, forest wildlife, or forest pests. Maximum display size 24"x24". Photographs, drawings, samples, charts, posters, etc. can be used, but include enough information to adequately explain the topic. Display should be substantially different from other display classes. Be creative!

D320002 Leaf Display- Include samples of "complete leaves" from at least 10 different tree species. Include at least two samples of simple leaves, compound leaves, and conifer leaves. Leaves should be pressed, dried and mounted.

Collection: Whenever possible, collect leaves from mature trees. Collect leaves any time after they have reached full size, usually beginning in early summer. Leaf samples should be in good condition, representative of the average leaves on the tree. Shaded leaves are often much larger than normal. Carefully remove leaves from the twig with the entire petiole or rachis intact. During 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. Record pertinent information during collection. All collection must be done by the exhibitor.

Mounting: Leaves may be displayed in a notebook or on a display board. Any method may be used to mount leaves, Ex: wire, glue, tape, staples, plastic bags, but be sure all their features can be clearly identified.

Labeling: Label for each sample must include: 1) common name, 2) scientific name, 3) leaf type, 4) leaf arrangement (for broadleaf trees), 5) leaf composition (for broadleaf trees), 6) collector's name, 7) collection date, 8) collection location (be specific- county and state at a minimum). If a twig is included with a sample, indicate "twig included" on the label. Ex: twig may be included with an eastern cedar sample because the leaves are very small and difficult to remove from the twig. Supplemental information (Ex: general uses, common products, fall color, etc.) may be included to enhance educational value.

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

Collection: Twig samples should be collected during the dormant season (November-April) when the buds are mature. Twig samples must be at least 6" long and exhibit buds. Leaves must be removed and side branches must be trimmed to less than 1 inch in length. All collection must be done by the exhibitor.

Mounting: Twigs must be mounted on a display board. Any method, e.g. wire, glue, tape, staples, plastic bags, etc. may be used to mount twigs, but be sure all features can be clearly identified. Non-terminal-end must be cut at a slant so the pith can be seen.

Labeling: The label for each sample must include: 1) common name, 2) scientific name, 3) leaf arrangement (for broadleaf trees), 4) collector's name, 5) collection date, 6) collection location (be specific, including county and other relevant information). Supplemental information (ex. General uses, tree characteristics, etc.) may be included to enhance educational value.

D320004 Seed Display- Must include seed samples from at least 10 different tree species.

Collection: Tree seeds should be collected at the time of year when they mature, which varies widely depending upon tree species. Ex: 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. Display seeds, not fruit. Ex: the seed of honeylocust is enclosed in a pod. Remove and display the seed, not just the pod. It is acceptable to display the fruit with the seed, but clearly label each. All collection must be done by the exhibitor.

Mounting: Seeds may be displayed in a variety of ways (Ex: mounted on a display board, displayed in jars in a rack, etc.) but they must be securely mounted and easily viewed.

Labeling: The labels for each sample must include: 1) common name, 2) scientific name, 3) type of fruit, if known (ex: samara, pod, nut, legume, etc.), 4) collector's name, 5) collection date, 6) collection location (be specific- state and county at a minimum). Supplemental information (Ex: maturity date, average number of seed in the fruit, etc.), may be included to enhance educational value.

D320005 Wood Display- Include wood samples from at least 10 different tree species.

Preparation: Samples may be of any shape, (Ex: sections from a board, wood cylinders turned on a lathe, horizontal or vertical cross sections of a small log with bark attached), but all samples should be the same shape (Ex: 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 exhibitor.

Mounting: Samples may be displayed in a variety of ways, (Ex: mounted on a display board, displayed in a box or rack, etc.), but they must be securely mounted and easily viewed. Be creative!

Labeling: The label for each sample must include: 1) common name, 2) scientific name, 3) wood type (softwood or hardwood), 4) collector's name, 5) collection date, 6) collection location (be specific- county and state at a minimum). Supplemental information (Ex: common products, wood density, etc.), may be included to enhance educational value.

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

Labeling: The following parts must be clearly and accurately labeled on the cross section with pins, paper tags, or some other form of identification: 1) pith, 2) heartwood, 3) sapwood, 4) one growth ring (beginning and end), 5) cambium and 6) bark. A separate label attached to the back of the disc must include: 7) common name, 8) scientific name, 9) tree classification (softwood or hardwood), 10) age (of the cross section), 11) collector's name, 12) collection date, 13) collection location (be specific- county and state at a minimum).

D320007 Parts of A Tree (only for youth ages 8-11)- Prepare a poster, no larger than 24"x24", that clearly identifies the main external parts of any tree: a) Trunk, b) Crown, c) Roots, d) Leaves, e) Flowers, f) Fruit, g) Buds and h) Bark. Identifying other internal parts (ex. phloem, xylem, cambium, annual ring, pith, etc.), is optional. Attach a separate label on the back of the poster that includes the exhibitor's name and age.

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

Labeling: A waterproof label must be attached and include: 1) common name, 2) scientific name, 3) seed treatments (if any), 4) planting date, 5) emergence date, 6) exhibitor's name. Supplemental information about the tree (Ex: 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.

D320009 - Forest Product Display - Prepare a visual display and/or collection tracing the origin of one non-lumber product that comes from trees and/or forests. The display must be no larger than 24 inches by 22 inches by 28 inches. Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 22" x 28" and may be either vertical or horizontal. The contestant must identify what species of tree the product is derived

from and where the product is harvested, grown, or otherwise collected. The product listed must be partially or fully derived from trees; if partial the approximate percentage should be articulated in the display.

The goal of this exhibit is for students to learn that many products come from trees and forests and to explore one of these products through in-depth study. Information about the tree or forest product: e.g. information about harvesting, processing, industry information, and environmental or other benefits may be included to enhance educational value.

Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information. Personal interviews with industry professionals are encouraged as a source of information.

D320010 Forest Health Display - Prepare a visual display outlining a specific forest health issue such as a tree disease, insect pest, animal- or human-caused damage, or an abiotic issue such as weather damage. The display must be no larger than 24 inches by 24 inches by 24 inches. Original photographs, drawings, samples, charts, posters, etc. can be used. Actual specimens are strongly encouraged but must be properly preserved, i.e. insects pinned or placed in vials of alcohol, leaves pressed and dried. Posters submitted may be no larger than 24 inches x 24 inches.

Explain through the display what species of trees the health issue affects, diagnostic features of the issue (symptoms in trees, identifying features of the pest, etc.), and management options.

Labeling: Include common and scientific names of trees and pests. Attach a separate label on the back of the display that includes the exhibitor's name and age.

Supplemental information about the tree or forest health issue: e.g. origin, proliferation in Nebraska/United States, and physiological effects on the tree may be included to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.

D320011 Wildfire Prevention Poster - Prepare a poster, no larger than 24 inches x 24 inches that promotes wildfire prevention strategies. Strategies articulated in the poster can include personal and/or land management actions. Attach a separate label on the back of the poster that includes the exhibitor's name and age.

Supplemental information about wildfire prevention should be attached to the poster: e.g. frequency of wildfires in Nebraska/United States, financial costs of wildfires, environmental factors that contribute to wildfires, etc. to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information

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

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

Supplemental information: Attach to the exhibit a brief report including supplemental information describing the diorama, defining conservation practices, and outlining opportunities for landscape improvements to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources.

D320013 – Tree Planting Project Display – Plant a tree in your community. Prepare a visual display where the student articulates proper tree planting techniques, why the individual tree species was chosen, as well as steps taken to continue care for the tree after initial planting. The display must be no larger than 24 inches by 24 inches by 24 inches. Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 24 inches x 24 inches. The tree must have been planted 60 days to 1 year before State Fair judging day. Students must obtain permission from necessary authorities and property owners before planting any trees.

Labeling: the following information about the tree must be included in the display: 1. common name 2. scientific name 3. planting location 4. planting date 5. tree source 6. planter's name 7. proper tree planting steps 8. tree care (after planting)

Supplemental information about the tree: e.g. why the species was chosen, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, etc. to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.

WILDLIFE CONSERVATION - Division 342

FISHING AMPHIBIANS BIRD BEHAVIOR TAXIDERMY Premium Category 6

Conservation, wildlife and shooting sports gives 4-H members an opportunity to share their knowledge and field experience about conservation, wildlife, and shooting sports. When creating an exhibit make sure to take close account of the rules while taking into account the different laws that surround those areas. Exhibitor will show evidence of your personal field experiences, study, or observations that relate to their exhibit. This helps judges understand what the 4-H member 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. The word "animal" or "wildlife" includes wild fish, amphibians, reptiles, birds, or mammals. Please make sure you are following all wildlife laws. The exhibitor's name, age, and county must be on the back or bottom of all displays. Related project material include: Exploring Your Environment series, 4-H Shooting Sports, Amphibians, Bird Behavior (EC 5-93-81), Fishing for Adventure, Wildlife Conservation (4-H 125), Geology, and Outdoor Adventure. Other resources include: Outdoor Skills: Learning Science in the Outdoors series (Science Signature Outcome Program) outdoornebraska.gov/afterschool/ and www.whep.org

Board and Poster Exhibits- Mount all board exhibits on 1/4" plywood, masonite, or similar panel no larger than 24" high by 24" wide. Poster exhibits should be on regular poster sheets, no larger than 22" x 28" but 14" x 22" is recommended.

Classes D340001 - D340004 are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat, or related conservation. Ex: 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. Refer to project manuals for ideas.

Wildlife and How They Live

D340001 Mammal Display

D340002 Bird Display

D340003 Fish Display

D340004 Reptile or Amphibian Display

D340005 Wildlife Connections- Board or poster exhibit. Purpose of display is to show interconnections and related aspects among animals, plants, and other habitat components. All displays should show two or more interactions (connections) that occur between/among animals or between animals and their habitat. Displays might show

how animals interact with other animals, with people, or with their habitat. Ex: 1) Food chain display. Use pictures, drawings, or other items to illustrate the source of food energy and where it goes - who eats whom or what. Use arrows to show the direction of the energy (food) flow. 2) Show the role of predators, scavengers, insect eaters, or others in nature. 3) Show how wildlife numbers (populations) change through the year. 4) Show predation, competition, or other behavioral interactions of wildlife. 5) Choose one kind of wildlife and make observations through a season or year, keep notes of interactions, then make a display of what you saw.

- D340006 Wildlife Tracks- Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. 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) 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) Show two or more plaster-of-paris tracks of one specific kind of wildlife and include a picture or illustration of the animal, what the animal may eat, and what may eat the animal. Option 3) Show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space, in addition to picture or illustration of the animal.
- D340007 Wildlife Knowledge Check- Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife conservation or shooting sports related knowledge. Maximum size 24"x24".
- D340008 Wildlife Diorama- Exhibit must be no larger than 24"x24". Exhibit should show a grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat. Show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge-adapted species such as white-tailed deer, Northern bobwhite, ring-necked pheasants, mourning doves, cottontail rabbits, fox squirrels, Northern cardinals, or blue jays. Label the habitats displayed and show at least five kinds of wildlife in their proper habitats.
- D340009 Wildlife Essay- Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. Ex: write about a particular species of wildlife that you have observed or about the values of wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about ethics, proper behavior in the outdoors, hunting, fishing. The essay is between 100 and 1000 words long and typed, double spaced on paper. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them.
- D340010 Wildlife Values Scrapbook- A scrapbook about the various values of wildlife. This would include aesthetic, scientific, commercial, game, genetic, and/or ecological. One resource would be the Wildlife Conservation booklet (4-H 125).
- D340011 Wildlife Arts- Purpose of this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Ex: paintings, photographs, wood carvings, painted duck decoys, or songs or poems written by exhibitor. Entries must be appropriate for fair display and no larger than 24"x24". Ex: 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 exhibit is meant to show).
- *D340012 Exhibit of Choice- Purpose of this class is to allow original or creative exhibits that contain educational information about

conservation and wildlife. The exhibitor determines what this exhibit will be. Entries must be appropriate for fair display and no larger than 24"x24". Include title and brief explanation of purpose or message (what the exhibit is meant to show or do). For thought starters, think about: computer programs written by the exhibitor, observations and records of a wildlife food plot; exhibit of factual information from study, interviews, and/or observations related to conservation and wildlife (exhibit on landowner/hunter relations, endangered species, etc.)

Outdoor Adventures - Level 2

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

D341001 Poster- Create a poster display no larger than 22" x 28". Topics may include, but not limited to one or more of the following; how to pitch a tent, knot tying, cooking over a campfire, how to start a campfire, wildlife and plants identified while camping, how to set up emergency shelter, dealing with weather, collection of photos from camping trips, "Leave No Trace" and how that was followed while camping, plan a camping trip, camping essentials, environmental issues/protecting natural resources, park or trail clean up, sanitation/hygiene while outdoors or use of GPS.

D341002 - Journal/Binder - Written report of actual, virtual or actual camping/hiking trips with observations OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping or hiking trip diary. Explain growth in project, leading the hikes, planning the camping trip, now being able to identify the wildlife and nature around you and how identified (sight/sound/shape/smell/color). Feathers/leaf/flower pressings must be securely attached, if included. Photos of drawing of observations encouraged. Exhibits measure no larger than 16" X 16".

D341003 - Camping/Hiking Safety - Must include explanation of use of item and why selected/purpose, how it fits hiking/camping needs. May include, but are not limited to, one of the following: travel sized poisonous plants guide, camping first aid kit, weather/water safety or hand hygiene kit. Exhibits measure no larger than 18" X 24".

D341004 - Digital Media - Use digital media to show video/slideshow/presentation of setting up a tent (include why site is chosen) or protecting natural resources or environmental issues or computer video camping/hiking game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.

D341005 - Other Camping Items - Must include what inspired the creation of the item, and its purpose. May include, but are not limited to one of the following; nature art, nature haiku poem, spider web sketches or knot display. Exhibits measure no larger than 18" X 24".

Outdoor Adventures Level 3

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

D341006 Poster - Create a poster display, no larger than 22" X 28". Topics may include but not limited to one of the following; Topographic map, backpacking trip plan, camp layout, plan an expedition (can be dreamed or lived), collection of photos from your expedition, trails hiked, cost comparison of rental vs purchase or using GPS/compass.

D341007 - Journal/Binder - Written report of actual, virtual or imagined expeditions/camping/hiking, OR field journal (notes of actual experiences, sights, sounds, smells, etc.). Explain growth in project, challenges in leading a group, teaching others about wildlife and nature identification and "Leave No Trace." Exhibits measure no larger than 16" X 16".

D341008 - Expedition Safety - Must include an explanation of use of items, why selected/purpose of item, how it meets hiking/camping/expedition needs. May include, but are not limited to; travel sized edible plants, creepy crawl guide, tent repair kit, travel first aid kit or weather/water safety. Exhibits measure no larger than 18" X 24"

D341009 - Digital Media - Use digital media to show video/slideshow/presentation of one of the following, but not limited to; building a non-tent shelter (include why needed), packing your backpack/equipment and getting it onto you, teaching others about environmental issues or a computer video backpacking expedition game. Submit a USB drive or DVD inside a report cover or notebook. If using a slide show, include printed slides inside report cover or notebook.

D341010 - Other Expedition Items - Must include what inspired the creation of the item, and the purpose of the item. May include, but are not limited to; nature art, nature cinquain poem, backpacking food recipes, hiking/expedition conditioning plan, charcoal etching, dehydrated meal or snack (at least 1 cup displayed in a re-sealable plastic bag with ingredients, instructions, and nutritional facts included). Exhibits measure no larger than 18" X 24"

Wildlife Habitat

D342001 Houses- Make a house for wildlife. Ex: Bird houses (bluebird, purple martin, wood duck, kestrel, barn owl, etc.), or bat house. No insect houses. Make the house functional so that dimensions, hole size, etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kinds of animal(s) for which the house is intended, 2) where and how the house should be located for best use, 3) any seasonal maintenance needed, 4) any evidence of your personal observations or experiences. Check NebGuide on bird houses and shelves.

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

D342003 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

D343001 Fish Harvesting Equipment- Board exhibit. Display of equipment used in fish harvesting. Ex: fishing knots, lures, hooks (with corks over hook ends to improve safety). Label all items displayed. Include in your exhibit the following information: 1) purpose of each item, 2) when or where it is used, 3) any personal experiences you've had with the item/s.

D343002 Building a Fishing Rod- Rod building kits with instructions are available for this purpose. Fishing rod educational exhibit may not exceed 96" length. Exhibit must be mounted on a board. Include with exhibit the following items: 1) Explanation of cost of materials/components, where materials/ components were purchased, how made, and number of hours required for construction. 2) Label all parts. Necessary components which must be

included are grip, line guides (based on manufacturer's specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labeling of parts, information, and neatness

D343003 Casting Target- Make a casting target for exhibit and use. Target must be under 48" x 48". The bullseyes must be 2 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather resistant. Include the purpose and rules of using your casting target.

D343004 Wildlife Harvesting Equipment- Board exhibit. Display equipment used in harvesting wildlife. Ex: expanded ammunition casing (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: 1) purpose of each item, 2) when or where it is used, 3) any personal experiences with the item/s.

D343005 Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory- Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. Ex: 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

D346001 Tanned Hides or Taxidermy- Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information: 1) the animal's name, 2) information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

Other Natural Resources

D361001 Design Your Own Exhibit in Natural Resources, Conservation, or Ecology- Educational exhibit 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"x24". Entries must include a title and 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 - Division 800

Creepy Crawlies U-1 What's Bugging You U-2

Dragons, House & Other Flies U-3

Insectigator

Premium Category 7

- *H800010 Insect or Butterfly Display - Collection 10-20 insects; follow directions for mounting and labeling.
- *H800011 Insect or Butterfly Photo - 5" x 7" photo on 8" x 10" posterboard
- *H800012 Build a Bug/ Butterfly
- *H800013 Build a Bug Barn, Butterfly and/or Butterfly House
- *H800014 Life Cycle Exhibit of Choice
- *H800015 Single Pinned insect with informational display
- *H800016 Exhibit of Choice- Poster- 14" x 22", essay, poem, writing, educational notebook, display, collection of materials that relate to project. Include 8 1/2"x11" page describing exhibit and summary of learning.

Premium Category 4

Specimens should be mounted properly and labeled with location and date of collection, name of collector, and order name. Follow mounting and labeling instructions in the old edition of the Nebraska 4-H Entomology Manual. (Online PDF file: <http://4h.unl.edu/web/4hcurriculum/entomology/>) Pur-

chased insects and other insects not collected by the participant can be included, but must have accurate labels and will not be counted in meeting minimum requirements for the exhibit. Maximum box size 12" high x 18" wide.

H800001 Entomology Display (First Year)- Collection to consist of 25 or more different kinds (species) of insects representing at least 6 orders. Limit 1 box.

H800002 Entomology Display (Second Year)- Collection to consist of a minimum of 50 kinds (species) of insects representing at least 8 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of the previous year. Limit 3 boxes.

H800003 Entomology Display (Third or more years)- Collection to consist of a minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of previous year. Limit 3 boxes.

H800004 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 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 (Ex: family, genus, species). A specialty collection may consist of insects by taxonomic group (Ex: butterflies, grasshoppers, dragonflies, scarab beetles) or by host, subject, or habitat (Ex: insect pests of corn, aquatic insects, insect mimicry, insect galls, insects from goldenrod, insect pollinators, etc.)

H800005 Insect Habitat- Consisting 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. One-page report must accompany the exhibit.

H800006 Macrophotography - Subject should be insects, spiders or other arthropods, or any nests, webs or constructions they make. Exhibit prints should be 8 1/2" x 11", and mounted on rigid, black 11"x14" poster or mat board, either vertical or horizontal. No frames or mat board allowed. Caption of a few sentences should explain the subject, and be printed on white paper and glued below the print on the posterboard.

H800007 Insect Poster/Display Exhibit – Exhibit a poster or three-dimensional display, with artistic creativity. Poster (maximum 22" x 28") should be instructional and attractive and can have pictures, drawings, charts or graphs. Posters and displays may show any aspect of insect life, habitat or related conservation or management. Ex: 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 (Ex: 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 and fit within a 22" x 28" area.

H800008 Report or Journal – 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. Include a basic instruction of the insect studied, methods used, observations, and results of the project. Tables, graphs and images are helpful. 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.

SPECIAL ENTOMOLOGY PROJECT

Insect of the year for 2022 is the tiger beetle.

H810001 - Special Entomology Project Educational exhibit based on what was learned from the project. Present information on a poster no larger than 22" x 28" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, full address, and county must be on the back of the poster or report cover. Reports may include life cycle, distribution of the insect, insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers, or lakes). May include a certain species or broad overview of the family or group of insects.

H810002 - Special Entomology project display The current years' Special Entomology Project pinned species along with a one to two report of what was learned from researching the insect type. Reports may include life cycle, distribution of the insect, insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers, or lakes). May include a certain species or broad overview of the family or group of insects.

BEEKEEPING - Division 801

Premium Category 7

Sponsor: Tom Person- Champion Beekeeping

*H801025 Honey Product Made by 4-H Member

*H801026 Wax Product Made by 4-H Member

*H801027 - Beekeeping Plan Create a plan that outlines future beekeeping operations. Include a list of supplies and cost estimate to get started. Include what products will be made and what you plan to do with it. Describe how you will manage your beehives including what you will use for the hives, where they will be, pest management, etc. Exhibit can be a poster (14" X 22") or notebook (8 1/2" X 11").

*H801028 Exhibit of Choice, Essay, Poster 14"x22", Educational notebook, display, collection of materials that relate to project. Include 8 1/2" x 11" sheet describing exhibit and summary of learning.

SHOOTING SPORTS - Division 347

Exhibit should be self-explanatory and educational to viewers. Exhibit must have a 5"x8" note card securely attached describing: 1) The project and how it applies to Shooting Sports; 2) Experience gained in making the project; 3) How the project will be used. Information should be neatly hand-written or typed on one side only of the card. No firearms may be exhibited, nor live ammunition; however information can be shared through pictures. All sharp items (knives, broadheads, etc.) must be enclosed in display case and displayed so the judges can open them to examine items. Items must be secured in the case.

Premium Category 5

D347001 Shooting Aid or Accessory- Item which helps the shooter/hunter better perform their sport. Ex: rifle sling, kneeling roll, arm guard, shotgun vet, target boxes, shooting stick, etc. Include design, or plans you adapted, what the item is and uses.

D347002 Storage Case- Item with the purpose to safely hold a firearm, bow, ammunition, and/or arrows. Ex: soft sided shotgun case, quivers, firearm safe. Include design, or plans you adapted. Explain how the storage case is used.

D347003 Practice Game or Activity- Invent or adapt an activity to practice

or teach a project skill. Include pictures of youth playing the game, testimonials of 4-H members who played the game, what skill is being worked on, and directions for game. Explain how you came up with the game or adapted it to fit the needs of your group members.

- D347004 Science, Engineering, Technology Advancements of Shooting Sports Essay or Display- Choose a specific area of shooting sports and share how it has advanced. Include a timeline and photos or illustrations. Keep topic narrow and manageable. Essay limited to 1000 words, on 8 1/2" x 11" paper.
- D347005 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, 4-H member would follow the plan and include some journal entries about adaption or improvements made while following the plan.
- D347006 Citizenship/Leadership Project- Share a display on a citizenship or leadership project the 4-H member took on individually or with a group to improve some aspect related to 4-H Shooting Sports. Ex: range development, conservation planting to attract wildlife, a camp, 4-H recruitment event. Include who benefited from the project, what the 4-H member's role was, and results.
- D347007 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. Essay limited to 1000 words, on 8 1/2" x 11" paper. Interview must include a picture of in interviewee in their work setting, questions asked, and a transcript of answers.
- D347008 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.
- D347009 Ag Literacy - Value Added Agriculture Interview or Research Project- Explore how traditional ag producers are adding value to their production agriculture operation through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc. Present findings in an interesting way for the public to learn from.

Premium Category 7

- *D347010 Exhibit of Choice - Educational notebook, display, poster (14"x22"), collection of materials that relate to project. Include 8 1/2" x 11" page describing exhibit and summary of learning.

SCIENCE, ENGINEERING, & TECHNOLOGY THEME

EXHIBITS - Division 848

Deep Roots + Dusty Boots

Non-Competitive

Open to 4-H member enrolled in Engineering project.

- *H848001 Aerospace Theme Exhibit
- *H848002 Lego/K'Nex Exhibit
- *H848003 Outdoor Item
- *H848004 Theme Computer Exhibit
- *H848005 Electricity
- *H848006 Indoor Home Accessory- Woodworking
- *H848007 Item made from Pallet or Barnwood
- *H848008 Woodworking
- *H848009 Exhibit of Choice

ENGINEERING PROJECT INFORMATION

See "General Rules" on page 19 for project information.

4-H All-Star Champion and Reserve Champion Awards - Age Divisions (4-H age January 1, 2022): Sr. Division- 14 and older; Int. Division- 11-13; Jr. Division- 8-10.

Nebraska State Fair: Classes are eligible for State Fair competition unless marked with an * which denotes COUNTY CLASS ONLY. All static exhibits selected for the State Fair must receive a purple ribbon at county fair judging.

Label each exhibit with exhibitor's name on back or bottom of exhibit. Label all pieces of an exhibit.

Exhibits released Sunday, July 31. No premium money given if exhibits are removed before deadline. Remaining exhibits should be picked up Monday, August 1.

Display Boards: 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. 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.

AEROSPACE (ROCKETS/DRONES) - Division 850

Premium Category 6

ROCKET PROJECT INFORMATION

This category gives 4-H'ers a chance to display the rockets and drones they have created. Through participation in this category 4-H'ers will show judges what they learned about and how they adapted their exhibit throughout this project. Involvement in SET Aerospace gives participants a first-hand experience in modern technology. For help getting started with this project contact your county 4-H office.

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

Complete factory assembled rockets will not be accepted. Rocket should be supported substantially to protect rocket from breakage. Rockets are

DEPARTMENT 38 SCIENCE, ENGINEERING & TECHNOLOGY

Online Pre-Entry Deadline: July 15

Trophies, Awards & Sponsors

Rewound Power Motors Sales & Service - Sr. Division All-Stars Champion
Nebraska Crop Insurance- Int. Division All-Stars Champion
Cami Saathoff State Farm - Jr. Division All Stars Champion
Gage County 4-H Council- Champion Theme Exhibit

to be mounted vertically on a base that has dimensions equal or less than 12"x12" 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 rockets must be mounted vertically. Do not attach sideboards or backdrops to display. 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. Those with live engines, wrong base size or sideboards will be disqualified.

Reports should be clearly written or typed and enclosed in a clear, plastic cover. Report must include: 1) rocket specification (include original or photo of manufacture packaging, stating rocket skill level), 2) a flight record for each launching (weather, distance, flight height), 3) number of launchings, 4) flight pictures, 5) safety (how did you choose your launch site? Document safe launch, preparations, and precautions), 6) objectives learned and 7) conclusions. Attach report securely to the display. The flight record should 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. Judging based on display appearance, rocket appearance, workmanship, design or capabilities for flight, number of times launched, and report. Three launches are required to earn the maximum launch points on the score sheet.

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. 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 may not be exhibited.

Posters can be any size up to 28" x 22" when ready for display. Example: tri-fold poster boards are not 28"x22" when fully open for display.

NOTE: Skill level is determined by the level listed on the manufacturers packaging, not determined by number of years in project.

Unit 1

*H849012 Beginning Skill Level Rocket with wooden fins and cardboard body painted by hand or air brush

*H849013 Space Station- Draw a design of a Space Station of the future. Describe how scientists would use the station. Notebook or poster (14"x22").

*H849014 Exhibit of Choice- Poster - 14"x22", educational notebook, display, collection of materials that relate to project. Include 8 1/2"x11" page describing exhibit and summary of learning. Max size: 28"x22"

Unit 2 - 4

H850001 Rocket- Any Skill Level (Unit 2-4) Rocket with wooden fins and cardboard body tube painted by hand or air brush.

H850002 Aerospace Display- Poster or display board that displays or exemplifies one of the principles learned in the Lift Off Project. Ex: display of rocket parts and purpose, explains the parts of a NASA rocket or shuttle, interview of someone in the aerospace field, or kite terminology. Include notebook, containing terminology (definition), and what was learned. Maximum size: 28" x 22".

H850003 Any Skill Level Rocket (Unit 2-4) with wooden fins and cardboard body tube painted using commercial application. Ex: commercial spray paint.

H850004 Rocket - Any self-designed rocket with wooden fins and cardboard body tube.

Drones

H850005 Drone Poster- Exhibit must be designed to educate yourself and others on one or more of the following topics: drone technologies, uses of drones, the different types of drones, types of training

needed to operate drones, and the laws and regulations users must follow. Maximum size: 28"x22".

H850006 Drone Video - Exhibit must demonstrate how the drone interacts with the outside world. Ex. field scouting, surveying damage from natural disasters, drones used in commercial applications and settings, and drones used for structural engineering. Video should not exceed 5 minutes. Videos should be saved on a USB drive (labeled with the 4-H'ers name).

MODEL BUILDING - Division 851

Premium Category 6

Maximum of two (2) exhibits per exhibitor per class. Model must be displayed on a fl at sturdy base, maximum size 12"x12". Model should be attached to the base, but do not glue wheels to base. Exhibitor painted models must have a minimum of the interior, engine, and chassis painted.

Model from a kit

*H851001 Exhibitor Painted

*H851002 Pre-Painted

*H851003 Other - Ex: wood, clay, plaster, plastic. Include plans or description.

LEGO & K'NEX MODEL BUILDING - Division 852

4-H GIANT LEGO SPECIAL

Non-Competitive

Open to 4-H member enrolled in project. Funding provided by **Beatrice**

Walmart Super-Center #2784

*H852035 Giant Lego Kit - One of the most popular and best selling toys of all time around the world is Lego, dating back over 80 years. Participants will pick up Lego kit at Extension Office and assemble according to directions. Must exhibit on substantial base of appropriate size (some bases provided). Leave assembled kit at the 4-H Building Sunday evening of the fair. Staff will unassembled kits for 2022 participants.

*H852036 Purchased Kit

Premium Category 7

*H852037 Original Design- No kit/s included in exhibit.

*H852038 Diorama- Include 1 or more items (kit or original design) in setting/scene, maximum 18"x24" base. Ex: cardboard box with sides/top partially cut down for display.

*H852039 Item Made with Lego or K'Nex - Ex: lamp, frame, mirror, clock, wall art, vase, etc.

*H852040 3-D Lego or K'Nex Exhibit

*H852041 Large Lego or K'Nex Display/Exhibit - Exhibit photos in poster, notebook or cover/binder. Do not bring large display/exhibit.

ROBOTICS - Division 861

Premium Category 6

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

The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit. 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. Posters can be any size up to 28" by 22" when ready for display. Example: tri fold poster boards are not 28" by 22" when fully open for display.

Individual or Team entries may be entered. Team entries must be marked "team" with a minimum 50% of team members enrolled in 4-H. All 4-H members must complete and attach entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. Entry will be judged as a team, with all team members receiving the same ribbon placing.

Creating a video of your robot in action would be helpful for the judges but is not mandatory. Present as a CD Rom with your robot entry. Videos should be uploaded to a video streaming application and exhibitors should provide a hard copy QR code for viewing.

H861001 Robotics Poster- Poster, 28"x22", communicating a robotics theme such as "Robot or Not", "Pseudocode", "Real World Robots", "Career in Robots" or "Autonomous Robotics", "Precision Agriculture" or a robotic topic of interest to 4-H member.

H861002 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 4-H member's learning experience. The notebook should contain at least three pages. Topics could include a programming challenge, programming skill, calibration, sensor exploration, or any of the topics suggested in Class 1.

H861003 Robotics Video – This class should be displayed in a notebook. The notebook should include a video clip on a CD/DVD that demonstrates the robot performing the programmed function. Include your pseudo code and screenshots of the actual code with a written description of the icon/command functions. Files must be saved in a PC compatible format with county name and last name of participant before emailing.

H861004 Robotics/Career Interview- Interview someone working in the field of robotics and research the career. Interviews can either be written or in a multimedia format (CD/DVD), 3-5 minutes in length. Written reports should be in a notebook, 3-5 pages, double spaced, 12 point font, 1" margins.

H861005 Robotics Sensor Notebook- Write pseudo code which includes at least one sensor activity. Include the code written and explain the code function.

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

H861008 3D Printed Robotics Parts - This class is intended for youth to create parts through 3D printing, that help create their robot or aid the robot in completing a coded function. Project should include notebook describing the process used to create the project, describe the success of your designed piece (did it work), intended use of the product and the modifications made to the item.

*H861009 Robotics Exhibit of Choice- Poster - 14"x22", educational notebook, display, collection of materials that relate to project. Include 8 1/2"x11" page describing exhibit and summary of learning. Max size: 28"x22"

COMPUTERS - Division 860

Premium Category 7

Unit 1

*H859013 4-H Promotional Flyer- Create an 8 1/2"x11" page using a commercial software graphics package. Color or black and white. Can be a whole page or folder flyer.

*H859014 Color or Black & White Poster- Minimum 8 1/2"x11" page mounted on poster board (14"x22") using a commercial graphics software package.

*H859015 Creative Computer Design- Six different examples of original design. Ex: address list, recipes, letterhead, greeting cards, graphics, posters, etc., in clear plastic cover.

*H859016 Exhibit of Choice- Poster - 14"x22", educational notebook, display, collection of materials that relate to project. Include 8 1/2"x11" page describing exhibit and summary of learning. Max size: 28"x22"

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

The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit. 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. 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. Please refer to the General Rules for the policy regarding firearms, items with a blade, and other related items.

Team Entries: To qualify for entry at the Nebraska State Fair team materials entered in H860007 - Maker Space/Digital Fabrication must clearly be the work of a team instead of an individual, and must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing.

Premium Category 6

Computer Mysteries - Unit 2

H860001 Computer Notebook Poster - 4-H exhibitor should use computer application to create a graphic notebook utilizing computer technology. 4-H'er may create any of the following: greeting card (5 different cards such as a birthday, wedding, anniversary, sympathy get well or other); a business card (3 cards for 3 different individuals and businesses); menu (minimum of 2 pages including short description of foods and pricing); book layout (I-book); promotional flyer (3 flyers promoting 3 different events); newsletter (minimum 2 pages); or other: examples such as precision farming or family business logo etc. This exhibit consists of a notebook (8.5x11 inches) which should include a (1) a detailed report describing: (a) the task to be completed, (b) the computer application software required to complete the task, (c) specific features of the computer application software necessary for completing the task (2) print out of your project. Project may be in color

or black and white.

H860002 Produce a Computer Slideshow Presentation - Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. Files must be saved in a PC compatible format with county name and last name of participant before emailing. OR the slide show may be shared through a share link or QR code which is included in the notebook. A notebook with a printout of all the slides should be submitted. Slideshow should include a minimum of 10 slides and no more than 25. Incorporate appropriate slide layouts, graphics, animations and audio (music or voice and transition sounds do not count). Each slide should include notes for a presenter. All slideshows must be up loaded.

*H859017 Exhibit of Choice- Poster - 14"x22", educational notebook, display, collection of materials that relate to project. Include 8 1/2"x11" page describing exhibit and summary of learning. Max size: 28"x22"

Computer Mysteries - Unit 3

H860003 Produce an Audio/Visual Computer - Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. The presentation can also be uploaded to a video streaming application and exhibitors must provide a hard copy QR code for viewing. The presentation must be able to be played and viewed on a PC using Windows Media Player, Real Player, iTunes or QuickTime Player. A notebook with a printout of all the slides should be submitted. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip.

H860004 How to STEM 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-H'er, as well as their name (first name only), age (as of January 1 of the current year), years in 4-H, and their personal interests or hobbies. Videos should be designed for web viewing or may be uploaded to a video streaming application and exhibitors can provide a hard copy QR code for public viewing. Any of the following formats will be accepted: .mpeg, .rm, .wmv, .mp4, .mov, .ppt, or .avi.

H860005 Create a Web Site/Blog or App - Design a simple Web site/ blog or app for providing information about a topic related to youth using either software programs such as an HTML editor like Microsoft's FrontPage or Macromedia's Dreamweaver, and image editor like IrfanView or GIMP OR online using a WIKI such as Google Sites. If the Website, Blog, or App isn't live include all files comprising the Website, Blog or App should be submitted on a flash drive in a plastic case along with the explanation of why the site was created or may be shared through a hard copy share link or QR code for viewing. If developed using a WIKI or other online tool include a link to the website in the explanation of why the site was created.

H860006 3D Printing - 3D printing uses plastic or other materials to build a three-dimensional (3D) object from a digital design (including 3D Pen Creation). Youth may use original designs or someone else's they have redesigned in a unique way. Exhibits will be judged based on the motivation and/or problem identified. For example, 3D objects printed as part of the design process for robot or other engineering project. Must include design notebook that addresses the following questions: 1) What was the motivation for your design or the problem you were solving with your design? ie. is your item a functional or decorative piece? 2) Please include a picture of original design, citation of designer/ website OR if design is completely original (you created it using CAD software), then state that it's original. If item was not completely original, indicate what you did to the original design to

modify it to better meet the design problem stated in #1 above. Its design was modified multiple times, please indicate what change was made with each modification, and what prompted the need for the change. I.e. I printed it and the design was too fragile, so I resliced the print to make thicker external walls, or to have a denser infill. 3) Define your process for designing/printing. What software and/or hardware was used (indicate type of 3D printer or if item was created with 3D pen)? 4) What materials were selected for your project? 5) If your final design has any moving parts, define how you determined appropriate allowance in your design. 6) Identify any changes that you would make to improve your design.

H860007 Makerspace/Digital Fabrication - This project is a computer generated projected created using a laser cutter, vinyl cutter, heat press or CNC router. Vector or 3D based software such as Corel Draw or Fusion 360 would be an example of an appropriate software used to create your finished project. Project should include a notebook with the following: 1) What motivated you to create this project, 2) Software and equipment used, 3) Directions on how to create the project, 4) Prototype of plans, 5) Cost of creating project, 6) Iterations or modifications made to original plans, 7) Changes you would make if you remade the project

Team Entry Option: To qualify for entry at the Nebraska State Fair team materials entered in H860007 – Maker Space/Digital Fabrication must clearly be the work of a team instead of an individual, and must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing.

*H860009 Virtual Reality or Augmented Reality Exhibit

*H860010 Laser Cutter Design Exhibit

*H860011 Exhibit of Choice- Poster - 14"x22", educational notebook, display, collection of materials that relate to project. Include 8 1/2"x11" page describing exhibit and summary of learning. Max size: 28"x22"

PHYSICS - POWER OF WIND - Division 900 ALTERNATIVE/RENEWABLE ENERGIES Premium Category 6

This category provides 4-H'ers a way to present their ideas about renewable energy resources. Through participation in this category 4-H'ers will learn more about physics, friction, energy, and elasticity. In addition, participants will make a display to go along with their findings. See <https://go.unl.edu/y3tu> for project resources. Name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated. 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. Posters can be any size up to 28" by 22" when ready for display. Example: tri fold poster boards are not 28" by 22" when fully open for display. See Engineering Project Information for instructions.

H900001 Create and Compare Energy Resources Poster – 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. Maximum 22" x 28".

H900002 Experiment Notebook – Explore the scientific method involving

alternative/renewable energy sources. Include: 1) Hypothesis 2) Research 3) Experiment 4) Measure 5) Report or Redefine Hypothesis

Premium Category 4

- H900003 Solar as Energy Display – Item should be the original design of the 4-H member. Include the item, or a picture if item is in excess of 6' tall or 2' x 2'. Include notebook of why the item was designed and how it harnesses the power of the sun. Ex: solar ovens, solar panels, etc.
- H900004 Water as Energy Display - Item should be the original design of the 4-H member. Include the item, or a picture if item is in excess of 6' tall or 2' x 2'. Include notebook of why the item was designed and how it harnesses the power of water.
- H900005 Wind as Energy Display - Item should be the original design of the 4-H member. Include the item, or a picture if item is in excess of 6' tall or 2' x 2'. Include notebook of why the item was designed and how it harnesses the power of wind.
- H900006 Other Nebraska Alternative Energy – Notebook should explore Nebraska alternative energy source besides wind, water and solar power. Include information on type of power chose, infrastructure for distribution, what resources are used to create this alternative resource, cost of production, and potential uses of bio-products.

ELECTRICITY - Division 870

**Magic of Electricity 1
Wired for Power 3**

**Investigating Electricity 2
Entering Electronics 4**

Premium Category 7

In this category 4-H'ers have the opportunity to create informational exhibits about the different aspects of electricity. Through involvement in this category 4-H'ers will be better educated about electricity and be able to present their knowledge to others. See <https://go.unl.edu/pybo> for project resources. See Engineering Project Information for instructions.

- *H869001 Electric Energy Conservation Poster- Show useful methods of efficient use of electrical energy and conservation, 14"x22".
- *H869002 Exhibit of Choice - 14"x22", educational notebook, display, collection of materials that relate to project. Include 8 1/2"x11" page describing exhibit and summary of learning. Max size: 28"x22"

Premium Category 6

Unit 1

- *H869003 Bright Lights- Create your own flash light using items found around your house. Flashlights should be made out of items that could be recycled or reused. No kits.
- *H869004 Control the Flow- Make a switch. Using the following items: D cell battery, battery holder, insulated wire, 2 or 2.5 volt light bulb, bulb holder, paper clip, cardboard, and two brass paper fasteners to create a circuit that you can open and close.
- *H869005 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. Find five items that are conductors and five items that are insulators. Create a table that illustrates results.
- *H869006 There's a Fork in the Road- Construct one parallel and one series circuit: D cell battery, battery holder, insulated wire, bulb holder and a 2 or 2.5 volt light bulb.

Unit 2

- *H869007 Case of the Switching Circuit- Use the following items to build a three way switch: two D cell batteries, two battery holders, light bulb, bulb holder, a 3"x6" piece of cardboard, six brass paper fasteners and approximately two feet of 24 gauge insulated wire. Write a short essay or poster that illustrates how a three way switch functions.
- *H869009 Quiz Board- Follow directions in manual.

- *H869010 Rocket Launcher- Construct a rocket launcher with the following materials: a plastic pencil box that is at least 4"x8", single pole switch, single throw switch, normally-open push button switch, 40 feet of 18 or 22 gauge standard wire, 4 alligator clips, 2-by-6 board 6" long, 1/8" 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" drill bits, rocket engine igniters, additional drill bits matched to holes for two switches. You must successfully build a rocket launcher and light two rocket igniters with your launcher. You do NOT have to actually fire a rocket off the launcher. Create a poster using photographs to show the "step by step process".

- *H869011 Stop the Crime- Build an alarm using the following materials: On-off push button switch, mercury switch, buzzer-vibrating or piezoelectric, 9-volt battery, 9-volt battery holder, 4"x4"x1/8" Plexiglas board to mount circuit on, rosin core solder, soldering gun/iron, two feet 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".

Unit 3

- H870001 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.
- H870002 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.
- H870003 Electrical Display/Item- Show an application of one of the concepts learned in the Wired for Power project. Ex: re-wiring or building a lamp, re-wiring or making a heavy duty extension cord, developing an electrical diagram of a house, etc. Poster (14"x22") or actual item.

Premium Category 7

- H870004 Poster - Exemplify one of the lessons learned in project (14"x22").

Premium Category 6

Unit 4

- H870005 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. Include a minimum of 10 different parts.
- H870006 Electronic Display- Show an application of one of the concepts learned in the project. Ex: components of an electronic device (manual pg. 35).
- H870007 Electronic Project- Exhibit an electronic item designed by the 4-H'er or from a manufactured kit that shows the electronic expertise of the 4-H'er. Ex: radio, computer or volt meter.

Premium Category 7

- H870008 Poster - Exemplify one of the lessons learned in project (14"x22").

GEOSPATIAL - Division 880

GEOSPATIAL PROJECT INFORMATION

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

The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit. 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. Please refer to the General Rules for the policy regarding firearms, items with a blade, and other related items. Please refer to the General Rules for the policy regarding use of copywritten images.

Premium Category 7

H880001 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.

H880002 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".

H880003 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.

H880004 Geocache - Assemble a themed geocache. Each geocache should be a water-tight container. It should include a logbook and pencil for finders to log their visits and may include small trinket, geo-coins, etc. for the finders to trade. Documentation should include a title, teaser description and the geographic coordinates of intended placement. Register the site at geocaching.com, include a print-out of its registry. The entry may include a photograph of the cache in its intended hiding place.

H880005 Agriculture Precision Mapping - 4-Hers will assemble a notebook that will include a minimum of 2 digital copies of various data layers that can be used in precision agriculture to identify spatial patterns and/or correlations (printed copies of websites were applications can be purchased is acceptable) A report of how the analysis of the various data will be used to make a management decision.

H880006 4-H History Map/Preserve 4-H History – 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 the historical significance of 4-H place or person. (a minimum of one paragraph)

H880007 GIS Thematic Map – Using any GIS software, create a thematic map. Thematic maps can utilize any subject of interest to the 4-H'er. Example map would be Amelia Earhart's or Sir Francis Drake's voyage, population density maps, water usage maps or 4-H project in Nebraska. Create GIS 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", which should include Title, Base Map, Neat Line, North Arrow, and Legend. Identify the source of your information on the back of the map.

WOODWORKING - Division 911

Measuring Up - Level 1

Making the Cut - Level 2

Nailing It Together - Level 3

Finishing Up - Level 4

See Engineering Project Information for instructions.

WOODWORKING PROJECT INFORMATION

In this category 4-H'ers have the opportunity to create exhibits about varying levels of woodworking. In addition, participants can also create informational exhibits about their woodworking projects. Through involvement in this category 4-H'ers will be better educated about the topic and better their woodworking skills. The ability to build objects as designed by another person is an important life skill. Professional woodworkers often are hired to build objects to exact specifications as laid out in a written plan.

The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit. **All entries/articles 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 plans are modified, the changes from the original need to be noted on the plans. All plans used for making the article must be securely attached and protected by a clear plastic cover. 4-H'ers must be in Unit 3 or Unit 4 for the exhibit to be considered for State Fair. All projects must have appropriate finish. If the project (i.e. picnic tables, wishing wells, swings, chairs, bridges, doghouses, etc.) is designed to be used outside, it will be displayed outside at the State Fair. For specific instructions on completing a demonstration board display or report, visit: <https://go.unl.edu/7x8c>

Premium Category 6

*H910001 Ten Woodworking Related Articles- Mount on 24"x22"x1/4" board. Identify each with: kind, type or grade; where or why it is used; their importance in woodworking. Display might include types of wood fasteners, types or grades of sandpaper, types of wood finishes, etc.

Unit 1

*H910002 Woodworking Article- Item made using skills learned in manual. Ex: recipe holder, stilts, etc.

Premium Category 5

Unit 2

*H910003 Woodworking Article- Item made using skills learned in manual. Ex: birdhouse, foot stool, napkin or letter holder, etc.

Premium Category 2

Unit 3

H911001 Woodworking Article- Item should be made using either joints, hinges, dowels, or a dado joining made using skills learned in manual. Exhibit must be appropriately finished. Ex: bookcase, coffee table, end table, etc..

H911003 Recycled Woodworking 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 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 chose this finish) 6) Evaluate (How does your item solve the original need?) 7) Present results (How would you do this better next time?).

H911004 Composite Wood Project - 60% of the project must be wood and 40% made from other materials such as metal, rubber, resin, etc. All plans and plan alterations must be attached to the article. Protect plans with a cover. If a project is designed to be outside, it is required to have appropriate outdoor finish.

H911005 Outdoor Wood Project made with Treated Wood - Treated wood projects DO NOT have to have a finished coating. All plans and plan alterations must be attached to the article. Protect plans with a cover. Ex. picnic tables, planters, outdoor furniture, etc.

Premium Category 2

Unit 4

H911006 Woodworking Article - Item made using skills learned in manual. Ex: dovetailing, making a pen using a lathe, overlays, using a router, etc.

Premium Category 5

H911008 Recycled Woodworking Display - Article made from recycled, reclaimed or composite wood. Article must be appropriately finished and/or sealed and utilize one or more wood working techniques from p. 2 of Unit 3 manual. Exhibit must include 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 chose this finish). 6) Evaluate (How does your item solve the original need?) 7) Present results (How would you do this better next time?).

WELDING - Division 920

Premium Category 6

This category helps 4-H'ers learn the basics of welding. In addition, 4-H'ers get the opportunity to present their knowledge on the topic and display what they have made. Involvement in SET Welding gives participants a first-hand experience in a skill that can be used for a lifetime. For specific instructions on preparing display boards and reports visit: <https://go.unl.edu/sj5i>
See Engineering Project Information for instructions

WELDING PROJECT INFORMATION

All welds (classes H920001 & H920002) must be mounted on a 12" high x 15" long display board of thickness not to exceed 3/8". Attach each weld on a wire loop hinge or equivalent, so the judge can look at the bottom side of the weld when necessary. Each weld should be labeled with information stated: 1) type of welding process (stick, MIG, TIG, Oxy-Acetylene, etc.) 2) kind of weld, 3) welder setting, 4) electrode/wire/rod size, and 5) electrode/wire/rod ID numbers. Attach a wire to display board so it can be hung like a picture frame. No picture frame hangers accepted. If plans are NOT included with welding article or welding furniture, item will be disqualified. **All outside projects MUST have entry tag and supporting information placed in a protective bag to prevent damage from weather events such as rain and be ATTACHED to projects with string, zip ties, etc.**

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 wood-working exhibit.

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. If no plans are included with welding art, welding article, welding furniture or composite weld project item will be disqualified.

Premium Category 6

H920001 Welding Joints - Display of one butt, one lap and one fillet weld.
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 (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" wide and 3.5" to 4" long. A good way to get this size is to buy new cold rolled strap iron and cut to length. The extra length 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.

H920002 Position Welds - Display showing three beads welded in the vertical down, horizontal and overhead positions. 1.) It is suggested that all welds be on same size of thickness of metal. These pieces are referred to a coupon. The welds can be on one coupon that is 4"x4" or on individual coupons that are about 2"x4" and 1/4" thick. Suggested rods for this class of position welds for AC and DC straight or reverse polarity is 1st E-6013, 2nd E-7010 and E-6010 for DC reverse polarity only. 2) Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of penetrating oil to prevent rusting. Wipe off excess oil

Premium Category 3

H920003 Welding Art – any art created using tack welds to hold the metal pieces together (examples include horseshoe projects). Type of welder, welder settings, all plans, plan alterations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish.

H920004 Welding Article - Any shop article or piece of furniture where welding is used in the construction. 60% of item must be completed by 4-H member and notes regarding laser welding or machine welding must be included. Type of welder, welder settings, all plans, plan alterations, and a bill for material must be attached to article. Protect plans with a cover. 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.

H920005 Welding Furniture - Any furniture with 75% welding is used in construction. 60% of item must be completed by 4-H member and notes regarding laser welding or machine welding must be included. Type of welder, welder settings, all plans, plan alterna

tions, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside.

- H920006 Plasma Cutter/Welder Design – Plasma cutters/welders allowed for detailed design/s to butt cut into metal. Exhibitor will create a notebook describing the design process to create the “artwork” to butt cut into the metal. Include in notebook: 1) Photo (front and back) of the finished project with detailed photos of the cuts. 2) Instructions on how the design was created (include software used), this allows for replication of the project. 3) Lessons learned or improvements to the project, 4) Steps to finish the project
- H920007 Composite Weld Project - 60% of the project must be welded and 40% made from other materials such as wood, rubber, etc. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have an appropriate outdoor finish.

DEPARTMENT 39

HEALTHY LIFESTYLES

FOOD & NUTRITION - SAFETY

CAKE DECORATING

FOOD PRESERVATION

Online Pre-Entry Deadline: July 15

Trophies, Awards, & Sponsors

- American Family Insurance, Cheryl Wirth** - Sr. Division All-Stars Champion
McDonald's of Beatrice - Intermediate Div. All-Stars Champion
Val Jean McKeever Memorial- Jr. Division All-Stars Champion
Red Star Yeast Company, LLC - Champion and Reserve
 Champion baked yeast products awards to class winners.
 Yeast packets for participants in Foods classes
Gage County 4-H Council- Champion Theme Exhibit

FOODS 4-H THEME EXHIBITS - Division 348

**Deep Root + Dusty Boots
Non-Competitive**

Open to 4-H member enrolled in Foods project. Baked entries should utilize a recipe that is a family favorite, heritage, etc. Exhibit 4 on a plate, 3/4 of a loaf, etc. Include recipe/directions on half sheet, 8 1/2"x11". Food products must be safe to eat after an extended length of time without refrigeration.

- *E348001 Simple Baked Item
- *E348002 Baked Dessert
- *E348003 Baked Breakfast Food
- *E348004 Quick Bread
- *E348005 Yeast Bread
- *E348006 Family heritage cooked/baked food item
- *E348007 Canned Exhibit (1 Jar)
- *E348008 Dehydrated Fruit or Vegetable
- *E348009 Collection of Family/ Heritage Recipes (10)
- *E348010 Exhibit of Choice

FOODS PROJECT INFORMATION

See “General Rules” on page 19 for project information.

4-H All-Star Champion and Reserve Champion Awards - Age Divisions (4-H age January 1, 2022): Sr. Division- 14 and older; Int. Division- 11-13; Jr. Division- 8-10.

Nebraska State Fair: Classes are eligible for State Fair competition unless marked with an * which denotes COUNTY CLASS ONLY. All static exhibits selected for the State Fair must receive a purple ribbon at county fair judging.

Label each exhibit with exhibitor’s name on back or bottom of exhibit. Label all pieces of an exhibit.

Exhibits released Sunday, July 31. No premium money given if exhibits are removed before deadline. Remaining exhibits should be picked up Monday, August 1.

Recipes for processed foods used by 4-H for fair exhibition (except salsa) may originate from any source. All processed/preserved food products must use USDA approved processing methods.

Recipe should be made from basic ingredients unless otherwise noted. Bread machine may be used ONLY in classes *E410010 & *E410011.

Each exhibit must include the recipe. Recipe may be handwritten, photocopied or typed. Missing recipe will lower exhibit one ribbon placing. Place food on the appropriately sized, disposable plate or container and put in self-sealing bag. Biscuits, muffins, or cookies should be placed on a 6” paper plate. Use a larger plate and bag for larger items. Attach entry tag and recipe at the corner of the bag. For non-food entries, please attach the entry tag to the upper right- hand corner of the entry. Additional information including recipes and supplemental information should be identified with 4-H’ers name and county on the bottom or back of exhibit.

Entries must conform to directions in each class. Incorrect, or incomplete entries will be lowered one ribbon placing. Commercially prepared mixes are allowed in the Cooking 201 Creative Mixes class only. Prepared baking mixes, biscuit mixes, commercially prepared seasoning mixes for food preservation, or other pre-made mixes entered in other categories will be dropped one ribbon placing.

Ingredients that the 4-H member cannot legally purchased, such as beer, whiskey, rum, etc. may not be used in any recipe or exhibit.

Exhibits are on display for several days. Please think FOOD SAFETY! Items that require refrigeration will not be accepted, judged, or displayed as exhibits must be safe to eat when entered, whether they are tasted or not. Glazes, frostings, and other sugar based toppings are also considered safe due to the high sugar content. Egg glazes on yeast products before baking are allowed. Eggs incorporated into baked goods or crusts and cheeses mixed into bread dough are considered safe. All fruit fillings must be cooked.

The following food ingredients are considered unsafe for fair exhibits and will be disqualified: Egg or cream fillings and cream cheese frostings, any meat item including meat jerky, imitation meat bits (bacon bits, pepperoni, etc.); melted cheese on top of food exhibit (cheese mixed into baked goods is considered safe and will be accepted), Uncooked fruit toppings (i.e., fresh fruit tart).

COUNTY FOODS EXHIBITS - Division 349

CHOCOLATE LOVERS CONTEST

Premium Category 6

Awards: Jane Esau, Chocolate Lover

Open to any 4-H member. No mixes. Recipes must include minimum 1/4 cup cocoa or any chocolate product. Must last duration of the fair. Include recipe. Exhibit 4 on a plate, 1 cup, 3/4 of a loaf of bread, or appropriate amount for judging. 4-H age divisions: Jr. (under age 12) and Sr. (age 12 and older).

- | Jr. Div. | Sr. Div. | |
|----------|----------|-------------------------------|
| *E349010 | *E349018 | Baked Dessert (on a 6” plate) |
| *E349011 | *E349019 | Cookies/Bars |
| *E349012 | *E349020 | Brownies |
| *E349013 | *E349021 | Chocolate Candy |

- *E349014 *E349022 Chocolate Bread
- *E349015 *E349023 Decorated Chocolate Cupcakes
- *E349016 *E349024 Chocolate for Breakfast
(include healthy ingredient)
- *E349017 *E349025 Chocolate Photograph - Photo chocolate
creatively - 5" x 7", mounted on 8" x 10" black
poster board, vertical or horizontal

KING ARTHUR FLOUR BAKING CONTEST

Premium Category 6

Open to 4-H member enrolled in Foods project. Exhibitors must use King Arthur flour in all baking aspects of the contest. Use any recipe: must include recipe PLUS the UPC Code from the King Arthur Flour Sack/Bag.

- *E349030 White Yeast Bread - 3/4 of a loaf
- *E349031 Wheat or Mixed Grain Yeast Bread - 3/4 of a loaf
- *E349032 Sweet Rolls or Specialty Bread - 4 on a plate or 3/4 of a loaf or ring
- *E349033 Dinner Rolls (any shape) - 4 on a plate
- *E349034 Cookies, Bars, or Brownies - 4 on a plate
- *E349035 French Bread - 3/4 of a loaf
- *E349036 Cake, Sponge Cake, Angel Food Cake
- *E349037 Exhibit of Choice



GIFTS FROM YOUR KITCHEN

Premium Category 6

Open to 4-H member enrolled in Foods project. Prepare and package a food gift creatively. Ex: yeast product in a basket, cookies in a decorative tin, etc. Exhibit must include a prepared item (finished product) made by 4-H member, suitable for human consumption. Ex: cookie mix in a jar exhibit must include a baked cookie. If item is perishable, enter class *E350033 or *E350040. On index card indicate whom the gift is intended for and the occasions. 4-H age divisions: Jr. (4-H under the age of 12), Sr. (4-H age 12 and older).

- | Jr. Div. | Sr. Div. | |
|----------|----------|---|
| *E349040 | *E349046 | Food Gift - Theme of Your Choice |
| *E349041 | *E349047 | Food Gift in a Paper Bag/Box/Container |
| *E349042 | *E349048 | Food Gift in a Jar/Glass Container |
| *E349043 | *E349049 | Food Gift in a Pail/Tin/Metal Container |
| *E349044 | *E349050 | Candy Bar Bouquet |
| *E349045 | *E349051 | Food Gift Without Prepared Item (perishable item); Ex: soup, or dip mix; Theme of Your Choice |

GENERAL FOODS & NUTRITION - Division 350

Premium Category 6

Open to 4-H member enrolled in Foods project

- E350001 Food Science Explorations - Show the connection between food and science as it relates to food preparation, food safety, food preservation or food production. Exhibit may be a poster or foam core board (not to exceed 22"x30"), computer based presentation printed with note pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio or notebook.
- E350002 Foods and Nutrition Poster, Scrapbook, or Photo Display - The project should involve a nutrition or food preparation technique or explore a career related to the food industry (caterer, restaurant owner, food scientist, registered dietitian, etc.) Might contain pictures, captions and/or a report to highlight the concept. Exhibit may be a poster or foam core board (not to exceed 22" by 30"), a computer based presentation printed off with notes pages, if needed, and displayed in a binder, an exhibit display, or a written report in a portfolio or notebook. Consider neatness and creativity.
- E350003 Physical Activity and Health Poster, Scrapbook, or Photo Display The project should involve a physical activity or explore a career-related to physical activity or health (personal trainer, sports coach,

physical therapist, etc.). This might contain pictures, captions and/or a report to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22" by 30"), a computer based presentation printed off with notes pages, if needed, and displayed in a binder, an exhibit display, or a written report in a portfolio or notebook. Consider neatness and creativity

- E350004 Cooking Basics Recipe File – Collection of 10 recipes from any source displayed in a recipe file or binder. 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 member is in the project, with year clearly marked on recipes. Include the number of servings or yield of each recipe. This may be a continued recipe file project from previously used 4-H curriculum (prior to 2021). Exhibits that include recipes with alcohol (wine, beer, rum, etc.) will be disqualified

COOKING 101 - Division 350

Premium Category 8

- *E350055 Cookies – Any recipe, 4 on a plate.
- *E350056 Muffins – Any recipe, 4 on a plate.
- *E350057 No Bake Cookie – Any recipe, 4 on a plate.
- *E350058 Cereal Bar Cookie – Any cereal based recipe made in pan and cut into bars or squares for serving.
- *E350059 Granola Bar – Any recipe, 4 on a plate.
- *E350060 Brownies – Any recipe, 4 on a plate.
- *E350061 Snack Mix – Any recipe, at least 1 cup in self-sealing plastic bag.

COOKING 201 - Division 410

Premium Category 8

- E410001 Loaf Quick Bread – Any recipe, at least ¾ of a standard loaf (8 ½" x 4 ¼" or 9" x 5") displayed on paper plate. Quick bread is any bread that does not require kneading or rising time and does NOT include yeast.
- E410002 Creative Mixes - Any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked item made from a mix (commercial or homemade mixes acceptable). Food product must have been modified to make a new or different baked item. Ex: Poppy Seed Quick Bread from a cake mix, cake mix cookies, streusel coffee cake from a cake mix, 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 from making this product using a mix instead of homemade recipe or recipe "from scratch". Does it make it better or easier to use a convenience product or mix? Why or why not?
- E410003 Biscuits or Scones – 4 biscuits or scones on small paper plate, any type: rolled or dropped. Any recipe may be used but it must be a non-yeast product baked from scratch.
- E410004 Healthy Baked Product - Any recipe, include 3/4 of baked product, 4 muffins or cookies on a paper plate. May be baked in a disposable pan. Recipe must contain a fruit or vegetable as part of ingredients (Ex: banana bars, cantaloupe quick bread, zucchini muffins, etc.)
- E410005 Coffee Cake - Any recipe or shape, non-yeast product, at least 3/4 of baked product. May be baked in disposable pan. Include menu for a complete meal where this recipe is used, following meal planning guidelines in Cooking 201.
- E410006 Baking With Whole Grains – Any recipe, at last ¾ of baked product or 4 muffins or cookies on paper plate. May be baked in disposable pan. Recipe must contain whole grains as part of the ingredients. Ex: whole wheat applesauce bread, peanut butter oatmeal cookies, etc.

E410007 Non-Traditional Baked Product – Baked food product prepared using a non-traditional method (Ex: 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 paper plate. Include supporting information that discusses alternative preparation method and how it compares with traditional method. NOTE: Any bread item prepared or baked using a bread machine is entered in this class.

*E410009 Bread in a Bag - Any recipe, at least 3/4 of a loaf, bread dough mixed in a bag.

*E410010 Bread Machine - White, Wheat or Mixed Grain Bread - 3/4 of loaf

*E410011 Bread Machine - Dinner Rolls or Sweet Rolls - 4 on a plate

COOKING 301 - Division 411

Premium Category 7

Exhibits must be prepared without use of a bread machine for mixing, raising, or baking.

E411001 White Bread - Any yeast recipe; 3/4 of a standard loaf on paper plate.

E411002 Whole Wheat or Mixed Grain Bread - Any yeast recipe; 3/4 of a standard loaf on paper plate.

E411003 Specialty Rolls - Any yeast recipe, 4 on a paper plate. Ex: sweet rolls, bagels, English Muffins, kolaches, or any other similar recipe that makes individual portions.

E411004 Dinner Rolls - Any yeast recipe, 4 on a paper plate. Ex: clover leaf, crescent, knot, bun, bread sticks, or any other type of dinner roll.

E411005 Specialty Bread - Any yeast recipe. Ex: Tea ring, braid, or any other full sized specialty bread products. Must exhibit at least 3/4 of a standard loaf baked product. May be baked in disposable pan.

E411006 Shortened Cake – Must exhibit at least ¾ of a cake (recipe must not be from a cake mix). Shortened cakes use fat for flavor and texture; 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).

COOKING 401 - Division 412

Premium Category 6

Exhibits must be prepared without use of a bread machine for mixing, raising, or baking.

E412001 Double Crust Fruit Pie - Made with homemade fruit filling. No egg pastries or cream fillings. No canned fillings or pre-made pie crusts. May be double crust, crumb, cut-out, or lattice topping. Using an 8" or 9" disposable pan is recommended. NOTE: After judging, 4-H member may take all but one piece home.

E412002 Family Food Traditions – Any recipe, at least ¾ of a baked product, 4 muffins or cookies on paper plate. May be baked in disposable pan. Any baked item associated with family tradition and heritage. Entry must include (A) Recipe, (B) Tradition or heritage associated with preparing, serving the food, (C) Where or who the traditional recipe came from.

E412003 Ethnic Food Exhibit – Any recipe, at least ¾ of baked product, 4 muffins or cookies on paper plate. May be baked in disposable pan. Name of the country, culture or region should be included as part of the supporting information with the recipe, as well as some background information about the country or culture the food item is representing.

E412004 Candy - Any recipe, 4 pieces of candy on a paper plate or ½ cup. No items containing cream cheese will be accepted, ex: cream cheese mints. Candy may be cooked or not cooked, dipped, molded, made in the microwave or other methods of candy preparation.

Include recipe.

E412005 Foam Cake – Original recipe, no mixes, at least ¾ of the cake. Foam cakes have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings).

E412006 Specialty Pastry - 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 items such as pie tarts, puff pastry, phyllo doughs, scones, 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.

CAKE DECORATING - Division 415

Trophies, Awards, Sponsors

Carolyn Schlake - Champion & Reserve - Senior & Junior Divisions

4-H THEME EXHIBITS

Deep Roots + Dusty Boots

Non-Competitive

Open to 4-H member enrolled in Cake Decorating. Exhibit may be a shape or decorated with tips and/or edible or non-edible decorations. Baked cake or styrofoam may be decorated.

*E412009 Gage County Fair Theme Decorated Cake

CUPCAKE & COOKIE DECORATING

Premium Category 7

Open to 4-H member enrolled in Foods project. Cupcakes and cookies may be home baked or purchased. May use tip/s and/or candy decorations, etc. Exhibit 4 cookies or cupcakes unless otherwise indicated (class 18, 19 & 28). Do NOT cover exhibit.

4-H age divisions: Jr. (under age 12)

Sr. (age 12 and older).

Jr. Div.	Sr. Div.	
*E415010	*E415020	Decorated Cupcakes - Theme of Your Choice
*E415011	*E415021	Decorated Cookies - Theme of Your Choice
*E415012	*E415022	Decorated Cupcakes - Nebraska Strong at the Gage County Fair
*E415013	*E415023	Decorated Cookies - Nebraska Strong at the Gage County Fair
*E415014	*E415024	Cupcake Cake - Arrangement of Decorated Cup cakes
*E415015	*E415025	Cake, Cookie or Brownie on a Stick (4 on a plate)

CAKE DECORATING

Baked cake or styrofoam may be decorated. Cake should be exhibited on a sturdy base (plywood, bread board, paneling) which may be covered with paper, plastic doilies or ruffles. Non-edible decorations should not be used on the cake unless specified. Details outlined in Cake Decorating Manual. Make frosting with shortening rather than butter. Fondant may be used in any level exhibit/s. Include recipe if homemade.

Exhibitor should sign release form when entering whether to take cake home after judging or leave it for display.

Beginning Level - Premium Category 6

*E415030 Birthday Cake - Shape or layer/s decorated in any method.

*E415031 One layer cake decorated with edible items, such as pretzels, candies, etc. No tips.

*E415032 One layer cake decorated with non-edible items. No tips.

*E415033 One or two layer decorated cake using non-edible decorations and one or more tip/s.

*E415034 One or two layer decorated cake using edible decorations and one or more tip/s.

*E415035 Shape Cake OR Cut-Out Shape Cake - Optional use of tip/s.

Intermediate Level - Premium Category 5

- *E415036 One layer decorated cake using two or more different decorating tips. Sugar molding may be used.
- *E415037 Two layer decorated cake using two or more different decorating tips. Sugar molding may be used.
- *E415038 Shape Cake OR Cut Out Shape Cake - Optional use of tip/s.

Advanced Level - Premium Category 4

- *E415039 Two layer decorated cake showing use of three or more different decorating tips. Sugar molding may be used.
- *E415040 Three-tiered cake - suggested combination is 6", 8", and 12".
- *E415041 3-D Cake

FOOD PRESERVATION - Division 416

FOOD PRESERVATION PROJECT INFORMATION

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

Uniformity: Jars do not need to be the same brand. Half pint jars may be used for jellies and preserves. The jars are not to be decorated by exhibitor. Canning jars must be used, others will be disqualified. One-fourth pint jars are NOT allowed. Leave jar rings on for fair display; it helps protect the seal. No zinc lids.

Current Project: All canning must be the result of this year's 4-H project, since August 1, 2021.

Criteria for Judging: Incomplete exhibits will be lowered a ribbon placing. Canned food items not processed according to altitude in the county will be lowered one ribbon placing.

Labeling: Jars should be labeled with the name of the food item, name of the 4-H'er, county, and date of processing on the bottom of each jar. Each bag containing dried foods should also be labeled with the name of the food item, the name of the 4-H'er, county and drying date. Multiple dried food exhibits should be secured by a rubber band or "twisty" to keep exhibit containing the 3 self-sealing bags together.

Recipe: Recipe can come from any source but current USDA guidelines for food preservation methods must be followed. Recipe must be included, may be handwritten, photocopied or typed. Commercially prepared seasoning mixes are not allowed. Website: <http://food.unl.edu/web/preservation/home> for current USDA guideline, how to find your Nebraska altitude, and proper procedures for food preservation.

All exhibits must include the 4-H Food Preservation Card attached to the project as the required supporting information or include the following information with exhibit: 1) Name of product, 2) Date preserved, 3) Method of preservation (pressure canner, water bath canner, or dried), 4) Type of pack (raw pack or hot pack), 5) Altitude (and altitude adjustment, if needed), 6) Processing time, 7) Number of pounds of pressure (if pressure canner used), 8) Drying method and drying time (for dried food exhibit), 9) Recipe and source of recipe (if a publication, include name and date).

Premium Category 6

Unit 1 Freezing Project

- E407001 Baked Item Made with Frozen Produce – Any recipe, at least ¾ of baked product, 4 muffins or cookies on paper plate. May be baked in disposable pan. Recipe must include a food item preserved by the freezing method done by the 4-H member. 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

- E407002 Dried Fruits - Exhibit 3 different examples of 3 different dried fruit. Place each dried fruit food (6-10 pieces, minimum 1/4 C) in separate self-sealing bags. Use rubber band or "twisty" to keep exhibit together.
- E407003 Fruit Leather - Exhibit 3 different examples of 3 different fruit leathers. Place a 3-4" sample of each fruit leather together in self-sealing bag. Use rubber band or "twisty" to keep exhibit together.
- E407004 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 self-sealing bag. Use rubber band or "twisty" to keep exhibit together.
- E407005 Dried Vegetables - Exhibit 3 different samples of 3 different dried vegetables. Place each food (1/4 C of each vegetable) in separate self-sealing bag. Use rubber band or "twisty" to keep exhibit together.
- E407006 Dried Herbs - Exhibit 3 different samples of 3 different dried herbs. Place each food (1/4 C of each herb) in self-sealing bag. Use rubber band or "twisty" to keep exhibit together.
- E407007 Baked Item Made with Dried Produce/Herbs – Any recipe, at least ¾ of baked product, 4 muffins or cookies on paper plate. May be baked in a disposable pan. Recipe must include a dried produce/herb item made by 4-H member. 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 item.

Unit 3 Boiling Water Canning Project

Entry must be processed in the boiling water bath according to current USDA recommendations.

- E407008 1 Jar Fruit Exhibit - 1 Jar of canned fruit.
- E407009 3 Jar Fruit Exhibit - 3 Jars of different canned fruits. May be three different techniques for same type of product. (Ex: applesauce, canned apples, apple pie, etc.)
- E407010 1 Jar Tomato Exhibit - 1 jar of canned tomato product.
- E407011 3 Jar Tomato Exhibit - 3 jars of different canned tomato products. Ex: salsa, sauces without meats, juice, stewed, etc.
- E407012 1 Jar Pickled Exhibit - 1 jar of pickled and/or fermented product.
- E407013 3 Jar Pickled Exhibit - 3 jars of different canned pickled and/or fermented products.
- E407014 1 Jar Jellied Exhibit - 1 jar of a jam, jelly or marmalade.
- E407015 3 Jar Jellied Exhibit - 3 different kinds of different jellied products. May be pints or half pints (but all jars must be the same size).

Unit 4 Pressure Canning Project

Entry must be processed in the boiling water bath according to current USDA recommendations.

- E407016 1 Jar Vegetable or Meat Exhibit - 1 jar of canned vegetable or meat.
- E407017 3 Jar Vegetable Exhibit - 3 jars of different canned vegetables.
- E407018 3 Jar Meat Exhibit – 3 jars of different canned meats.
- E407019 Quick Dinner - Exhibit minimum 3 jars to maximum 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 3"x5" card and attach to one of the jars.
- E407020 1 Jar Tomato Exhibit - 1 jar of canned tomato product.
- E407021 3 Jar Tomato Exhibit - 3 jars of different canned tomato products. Ex: salsa, sauces without meats, juice, stewed, etc.

SAFETY/FIRST AID - Division 440

Premium Category 4

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

E440001 First Aid Kit - First aid kit is a good way to organize supplies in an emergency. Assemble in a container appropriate for the kit's intended use. Description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. 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. See Citizen Safety Manual, 4-H425, pp. 6-7 **Note:** Kit containing any of the following will be disqualified. 1) Prescription medications. If the purpose of the kit is to provide medication for someone with special needs, explain in written description and inventory, but remove the medication. 2) Materials with expiration dates on or before the judging date. This includes sterile items, non-prescription medications, ointments, salves, etc. Materials dated month and year only are considered expired on the last day of that month. 3) Any controlled substance.

E440002 Disaster Kit (Emergency Preparedness) - Kit must contain the materials to prepare a person/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. Exhibitor is encouraged to test their kit by challenging their family to try to survive using only the included materials for a designated time. If tested, share that experience in kit documentation. Include an explanation of drinking water needs for your disaster kit. Do not bring actual water in the kit.

Premium Category 7

E440003 Safety Scrapbook - Include 15 news articles from print and/or internet sources about various incident types. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. Scrapbook should be bound in a standard size hardcover binder/note book for 8 1/2" x 11" paper. Correct sentence structure, readability, thorough explanations are an important part of judging.

E440004 Safety Experiences - Exhibit should share a learning experience the exhibitor had related to safety. (I.e. participating in a first aid or first responder training, farm safety day camp, babysitting workshop or similar event, scientific experience related to safety; or the youth's response to an emergency situation. Exhibit should include a detailed description of the experience, the exhibitor's role, some evidence of the exhibitor'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 10 pages of narrative and pictures, or a multimedia presentation on a CD, maximum 5 minutes.

E440005 Career in Safety - Exhibit should identify a specific career area in the safety field and include education and certification required for available positions, salary information, demand for the field and a summary of the exhibitor's interest in the field. Examples of careers include: firefighters, paramedics, emergency management personnel, some military assignments, law enforcement offices, emergency room medical personnel, fire investigator and

more. It is recommended exhibitor interview a professional in the field in their research. Additional research sources might include books, articles, career websites, job-related government websites or interview with career placement or guidance counselors. Exhibit may be presented in a poster with supplemental documentation, a notebook including up to 10 pages of narrative and pictures, or a multimedia presentation on a CD, maximum 5 minutes.

*E440006 Exhibit of Choice- Poster - 14"x22", educational notebook, display, collection of materials that relate to project. Include 8 1/2"x11" page describing exhibit and summary of learning.

FIRE SAFETY - Division 450

Premium Category 7

E450001 Fire Safety Poster - 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 of the escape plan has been practiced at least four items.. Poster must be constructed of commercial poster board at least 11" x 14" but not larger than 22" x 28".

E450002 Fire Safety 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. Scrapbook should be bound in a standard size hardcover binder or notebook for 8 1/2" x 11" paper. Correct sentence structure, readability and thorough explanations are part of judging.

E450003 Fire Prevention Poster - Promote a fire prevention message appropriate to display during National Fire Prevention Week or to promote fire safety at specific times of the year (Halloween, 4th of July, etc.). Originality, clarity and artistic impression will be judged. Do not include live fireworks, matches or other flammable/explosive/hazardous materials. Poster must be constructed of commercial poster board at least 11" x 14", but no larger than 22" x 28".

*E450004 Exhibit of Choice, Educational notebook, Poster - 14"x22", display, collection of materials that relate to project. Include 8 1/2" x 11" page describing exhibit and summary of learning.

DEPARTMENT 40 CONSUMER & FAMILY SCIENCE

Online Pre-Entry Deadline: July 15

4-H CLOTHING

Trophies, Awards, Sponsors

First State Bank Nebraska - Sr. Division All-Stars Champion

Val Jean McKeever Memorial - Intermediate Division All-Stars Champion

Diane's Dresses, Etc. - Jr. Division All-Stars Champion

Doug & Dianne Swanson - Champion Beginning Clothing Construction

Barkoudah Family- Champion Intermediate Clothing Construction

Doug & Dianne Swanson - Champion Advanced Clothing Construction

Gage County 4-H Council - Champion Clothing Theme Exhibit

CLOTHING 4-H THEME EXHIBITS - Division 218

Deep Roots + Dusty Boots

Non-Competitive

Open to 4-H member enrolled in Clothing project. Wearable garment or accessory.

- *C218001 Decorated Accessory
- *C218002 Accessory or Garment made from vintage pattern
- *C218003 Accessory or Garment made from vintage fabric
- *C218004 Decorated Garment
- *C218005 Exhibit of Choice

CLOTHING PROJECT INFORMATION

See "General Rules" on page 19 for project information.

4-H All-Star Champion and Reserve Champion Awards - Age Divisions (4-H age January 1, 2022): Sr. Division- 14 and older; Int. Division- 11-13; Jr. Division- 8-10.

Nebraska State Fair: Classes are eligible for State Fair competition unless marked with an * which denotes COUNTY CLASS ONLY. All static exhibits selected for the State Fair must receive a purple ribbon at county fair judging.

Label each exhibit with exhibitor's name on back or bottom of exhibit. Label all pieces of an exhibit.

Exhibits released Sunday, July 31. No premium money given if exhibits are removed before deadline. Remaining exhibits should be picked up Monday, August 1.

Garments may be made for self (4-H member) or another person. Limit one exhibit per class per exhibitor unless otherwise stated. Duplicate class acceptable if both exhibits are modeled.

Every clothing exhibit must be described on the appropriate entry tag accompanying it (for example: dark blue wool skirt and jacket, red and white figured blouse). Entry tag placement: as you look at the garment, place the entry tag securely using straight pins or safety pins on the right side of the garment and the hook of the hanger to the left.

Each item entered as a clothing, knitting or crochet exhibit must have a label attached stating county, name, age, project name and class in which garment is entered and the number of years enrolled in the project exhibited. Wool entries must have the fiber content listed. Label each component of exhibit using safety pins or by basting.

Bring wearable exhibits on wire hangers or hangers with a swivel hook only. Exhibits not suitable for hanging should be entered in a self sealing plastic bag. Wool garments and garments with narrow straps hang better on other hangers (wooden or notched plastic hangers with a swivel hook). As you look at the garment, place the hook of the hanger to the left. Fasten skirts, shorts, and pants to skirt/pant hangers or safety pin on hanger. Each piece should be entered on its own hanger. If more than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands.

4-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 3, you are not eligible to exhibit in STEAM Clothing 2.

Do NOT use copy-righted figures in or original decorating of clothing. You may, however, purchase fabric with it stamped on the fabric.

GENERAL CLOTHING - Division 219

Premium Category 6

- C220001 Clothing Portfolio - Complete at least 4 different samples/activities from Chapter 2, 3 or 4 of manual. Exhibit in 8 1/2" x 11", 3-ring binder. Include appropriate cover. Portfolio should build upon itself each year (additional pages can be added each year, but should be dated.) See pages 9-11 in STEAM Clothing 2: Simply Sewing project manual for formatting.

- C220002 Textile Science Scrapbook - Include at least 10 different textile samples. Use Textile Information Cards template on p. 39 in STEAM Clothing 2: Simply Sewing manual to identify fabric swatches. Exhibit in 8 1/2" x 11", 3-ring binder. Include appropriate cover. Scrapbook should build upon itself each year (additional pages can be added each year, but should be dated.) See manual for fabric suggestions.

- C220003 Sewing For Profit - Display what products you posted online and analyze the cost of goods purchased to determine the appropriate selling price for your product. See p. 161-167 in the STEAM Clothing 2: Simply Sewing project manual. Exhibit may be a note book, poster or small display, not to exceed 22" x 30".

DRESSES FOR AFRICA

NON-COMPETITIVE

Open to 4-H members. Dress is constructed from a pillowcase or fabric. Directions at Extension Office. One optional component of the project is to model at the Fashion Show. Following the fair, dresses will be sent to their destination.

- *C220004 Dresses for Africa (garment or display) Open to 4-H members.

Dress is constructed from a pillowcase or fabric. Directions at Extension Office. One optional component of the project is to model at the Fashion Show. Following the fair, dresses will be sent to their destination.

BEYOND THE NEEDLE - Division 221

Premium Category 6

4-H member must show their original creativity. Kits are not acceptable. Iron-on appliques are acceptable (for county fair only) if used as a base for further decorative details or designs. Entries divided into two age divisions for judging (under age 12; age 12 and older).

- C221001 Design Portfolio - A portfolio consisting of at least three design samples or activities. Refer to the project manual for ideas. The Portfolio should be placed in an 8 1/2" x 11", 3-ring binder. Include appropriate cover. (Additional pages can be added each year but should be dated.) See pp. 14-16 in project manual for formatting.
- C221002 Color Wheel - Create your own color wheel, complimentary color bar or color scheme using pp. 27-39 in the project manual. Exhibit may be a notebook, poster or small display. Maximum size 22"x30".
- C221003 Embellishment 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-H member using the elements and principles of design to make an original statement.
- C221004 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.
- C221005 Item (garment or non-clothing item) Constructed From Original Designed Fabric - Fabric yardage is designed first, then an item is constructed from that fabric. Other embellishments may be added. Include information on how the fabric was designed - describe the process and materials used.
- C221006 Textile Arts Garment or Accessory - a garment or accessory constructed using new unconventional materials. I.e. rubber bands, plastic, duct tape, etc. Description of the design process MUST accompany entry.
- C221007 Beginning Fashion Accessory - Designed and/or constructed using elements and principles of design; can be textile or non-textile based. Ex: shoes, bracelets, scarves, flip flops, design on tennis shoes, etc. A description of the design process must

accompany the entry.

- C221008 Advanced Fashion Accessory - Accessory designed and/or constructed using elements and principles of design and advanced skills; can be textile or non-textile based. Ex: peyote stitch, bead embroidery, advanced design on tennis shoes, metal stamping, riveting, resin, etc. Description of design process must accompany entry.
- C221009 Wearable Technology Garment - Technology is integrated into the garment in some way. Ex: LEDs, charging capabilities, sensors, etc.
- C221010 Wearable Technology Accessory - Accessory constructed integrating technology into the accessory. Ex: Charging backpack, fitness tracker, etc.
- *C221011 T-shirt - Decorated with new design element/s and technique/s
- *C221012 Embellished Garment - Any surface embellishment that is applied to a purchased or constructed garment such as ribbon, lace, embroidery, appliqué, braid, buttons, fabric pieces.

STEAM CLOTHING 1: FUNDAMENTALS - Division 220

Premium Category 6

Fabric must be medium weight wovens that will sew and press smoothly, flannel and fleece acceptable. Solid color fabrics or those having an overall print are acceptable. NO plaids, stripes, napped or jersey knit. Pattern must be simple without darts, set-in sleeves, or collars. Raglan or Kimono sleeves are acceptable.

- *C220006 Simple Pants or Shorts *C220011 Simple Top
- *C220007 Simple Skirt *C220012 Apron
- *C220008 Laundry Bag *C220013 Pillowcase (1 or 2)
- *C220009 Totebag *C220014 Pillow (patchwork, stripe, solid)
- *C220010 Other Simple Pattern
- *C220015 Sewing Kit - Include list of sewing notions and purpose for each; pp 12-17
- *C220016 What's the Difference - Exhibit notebook, poster small display sharing project comparison and price point. Include pictures, NO actual pillows. Maximum size 22" x 30", pp. 118-119.

STEAM CLOTHING 2: SIMPLY SEWING - Division 222

Premium Category 5

Entries must reflect at least one new skill learned from manual (See project manual skill-level list). Garments may be made from any woven or knit fabric appropriate to the garment's design and should demonstrate skills beyond STEAM Clothing 1.

- C222001 Design Basics, Understanding Design Principles - Exhibit which shares a learning experience from pp. 17-20 of manual. Include answers to questions on p. 20 of manual. May be a notebook, poster, or small display, not to exceed 22" x 30".
- C222002 Pressing Matters - Exhibit a ham or sleeve roll, pp. 21-25 in manual. Include answers to lesson questions that are most appropriate.
- C222003 Upcycled Garment - Create a garment from used textile based items. The original 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 project. A "before" picture and a description of the redesigned process MUST accompany entry.
- C222004 Upcycled Clothing Accessory - Wearable accessory made from a used item. Item used must be changed in some way in the redesign process. The finished accessory must reflect at least one new skill learned in project. A "before" picture and a description of the redesigned process MUST accompany entry.
- C222005 Textile Clothing Accessory - Constructed using at least one skill learned in project from material appropriate for STEAM 2. I.e. hat, bag, scarf, gloves. NO metal, plastic, paper or rubber base items

(i.e. barrettes, headbands, flips, duct tape)

- C222006 Top (vest acceptable)
- C222007 Bottom (pants or shorts)
- C222008 Skirt
- C222009 Lined or Unlined Jacket
- C222010 Dress (not formal wear)
- C222011 Romper or Jumpsuit
- C222012 Two-Piece Outfit
- C222013 Alter Your Pattern - Garment constructed from a significantly altered pattern. Include information sheet that describes: 1) how the pattern was altered or changed, 2) why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 2 include: moving darts, merging two patterns together, altering a pattern for a woven or knit material, adding a lining.
- C222014 Garment Constructed from Sustainable or Unconventional (natural or synthetic Fibers) - Fabric/Fibers used in this garment have to be manufactured/purchased, for example: bamboo, banana, corn husk, and recycled fibers.

STEAM CLOTHING 3: A STITCH FURTHER -Division 223

Premium Category 3

Garment may be made from any pattern or fabric and should demonstrate sewing skills beyond STEAM 2. Entry consists of complete constructed garments only. Wool entries must have fiber content listed on identification label.

- C223001 Upcycled Garment - Create a garment from used textile based items. 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 project. A "before" picture and description of the redesign process must accompany entry.
- C223002 Upcycled Clothing Accessory - Wearable accessory made from a used item. Item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in project. A "before" picture and description of the redesign process must accompany entry.
- C223003 Textile Clothing Accessory - Constructed using at least one skill learned in project from materials appropriate for STEAM 3. Ex: hat, bag, scarf, gloves. NO metal, plastic, paper or rubber based items (i.e. barrettes, headbands, flips, duct tape)
- C223004 Dress or Formal
- C223005 Skirted Combination (skirt with shirt, vest or jacket OR jumper and shirt)
- C223006 Pants or Shorts Combination (pants or shorts with shirt, vest or jacket)
- C223007 Romper or Jumpsuit
- C223008 Specialty Wear (swim wear, costumes, hunting gear or chaps)
- C223009 Lined or Unlined Jacket (non-tailored)
- C223010 Coat, Blazer, Suit Jacket, Outerwear (tailored blazer or suit jacket or coat). Wool entries must have fiber content listed on identification label
- C223011 Alter Your 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.
- C223012 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.

KNITTING AND CROCHET INFORMATION

The purpose of this category is to establish basic to advanced crochet and knitting skills. In addition, projects in this category require 4-H'ers to select adequate yarn and make design decisions. Every exhibit must be described on the appropriate entry tag accompanying it (for example: blue afghan, yellow sweater, crocheted gray elephant). Attach the entry tag securely to the exhibit using straight pin or safety pins (no paper clips). Each item entered as a knitting or crochet exhibit must have a label attached stating: County, Exhibitor's name and age, project name and class in which exhibit is entered, and the number of years enrolled in the project exhibited. Wool entries must have the fiber content listed on the identification label. Attach a label on every component of the exhibit using safety pins or by basting. Not responsible for unlabeled items. Garments as listed may be made for self (4-H member) or another person. All knitted and crocheted items will be displayed together or by county. 4-H'ers enrolled in knitted and crocheted projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in Knitting Level 3, you are not eligible to exhibit in Knitting Level 2.

KNITTING - Division 225

Level 1 (first year in project) - Premium Category 6

Level 2 (second year in project) - Premium Category 6

Level 3 (third or more years in project) - Premium Category 5

Premium Category 7

- *C225010 Loom Knitted Garment - Shrug, sweater, etc.
 - *C225011 Loom Knitted Home Accessory - Baby blanket, afghan, dish cloths, etc.
 - *C225012 Loom Knitted Fashion Accessory - Hat, mittens, scarf, hair accessory, etc.
 - *C225013 Loom Knitted Doll or Stuffed Animal
 - *C225014 Loom Knitted Exhibit of Choice
 - *C225015 Finger Knitted Exhibit
- #### Non-Competitive
- *C225016 Rainbow Loom Fashion Accessory - Bracelet, rings, necklace, hat, purse, etc.
 - *C225017 Rainbow Loom Charms
 - *C225018 Rainbow Loom Miniatures
 - *C225019 Rainbow Loom Original Design - Indicate number of bands & source of pattern

Knitting Project Information - Criteria for judging: Design and color, neatness, knitting mechanics, trimmings, construction finishes. Exhibits must include the following information:

- 1) What was your goal/s in making this exhibit. I.e. learn how to block a garment or learn how to use two different yarns?
- 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

Level 1

- *C225020 Level 1 Knitted Slippers
- *C225021 Level 1 Knitted Head Coverings - Bands, Scarf, Hat
- *C225022 Level 1 Knitted Mittens (not gloves)
- *C225023 Level 1 Knitted Simple Pillow
- *C225024 Level 1 Knitted Dish Cloth/Towel
- *C225025 Level 1 Arm/Finger Knitted Item
- *C225026 Level 1 Loom Knitted Item

Level 2

- C225001 Level 2 Knitted Clothing - Item or garment using pattern stitches such as diamond, block, twist or seed/moss stitches. Basic stitches (including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo) to form patterns.
- C225002 Level 2 Knitted Home Environment Item - Item using basic stitches [including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo) to form patterns.
- C225003 Level 2 Arm or Finger Knitted Item
- C225004 Level 2 Loom Knitted Item

Level 3

- C225005 Level 3 Knitted Clothing - Item or garment made from advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkis, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle. Made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.
- C225006 Level 3 Knitted Home Environment Item - Knitted item made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.
- C225007 Level 3 Machine Knitting

CROCHET - Division 226

Level 1 (first year in project) - Premium Category 6

Level 2 (second year in project) - Premium Category 6

Level 3 (third or more years in project) - Premium Category 5

Criteria for judging crochet: Design and color, neatness, crochet mechanics, trimmings, construction finishes. Exhibit must include the following information:

- 1) What was your goal/s in making this exhibit. I.e. Learn how to block a garment or learn how to use two different yarns?
- 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

Level 1

- *C226005 Level 1 Crochet Slippers
- *C226006 Level 1 Crochet Head Coverings - Bands, Scarf, Hat
- *C226007 Level 1 Crochet Simple Pillow
- *C226008 Level 1 Crochet Dish Cloth/Towel

Level 2

- C226001 Level 2 Crocheted Clothing - Garment using basic stitches [including: chain, single, double, half-double, treble] to form patterns.
- C226002 Level 2 Crocheted Home Environment Item - Item using basic stitches [including: chain, single, double, half-double, treble] to form patterns.

Level 3

- C226003 Level 3 Crocheted Clothing - Garment using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.
- C226004 Level 3 Crocheted Home Environment Item - Item using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

SHOPPING IN STYLE - Division 240

Premium Category 5

Entry is a poster (14" x 22"), 3-ring binder (8 1/2" x 11" x 1), or video (less than 5 minutes and able to be played on a PC using Windows Media Player, Real Player or Quick Time Player).

- C240001 Best Buy for Your Buck (ages 10-13 as of January 1, 2022) - Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Exhibit story in binder or video (no posters). Provide details about wardrobe inventory which indicates why you selected the garment you did, clothing budget, cost of garment, and a conclusion or summary statement/s stating your final comments on why you selected your "best buy for your buck". Provide 3 color photos of you wearing the garment (front, side, back views).
- C240002 Best Buy for Your Buck (ages 14-18 as of January 1, 2022) - Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Exhibit story in binder or video (no posters). Include details about body shape discussion, construction quality details, design features that affected your selection, cost per wearing, care of garment, and a 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).
- C240003 Revive Your Wardrobe - Take a least two items that still fit but that you don't wear anymore and pair them with a new garment or garments to make them wearable again. Create a photo story that includes before and after pictures and a description of what was done. Exhibit in a binder, poster or video.
- C240004 Show Me Your Colors - Select 6-8 color photos of you wearing different colors. Half of item should be what you consider to be a good personal color choices and half should be poor personal color choices. Write a brief explanation with each photo describing your selections. Refer to manual p. 23 for information. Exhibit on a poster.
- C240005 Clothing 1st Aid Kit - Refer to manual p. 73 and complete a clothing first aid kit. Include a list of items in the kit and a brief discussion of why each was included. Exhibit in appropriately sized box or tote with a lid, no larger than a shoe box.
- C240006 Mix, Match & Multiply - Using the concept from manual p. 32, take at least five pieces of clothing and create new outfits. Use your imagination to show various looks (i.e. on a clothes line, in a tree, on a mannequin). Include a brief discussion of each outfit which demonstrates what you learned by completing this entry. Exhibit in a binder, poster or video.

4-H HOME ENVIRONMENT

Trophies, Awards, Sponsors

Blossom Khardt, Beatrice - Sr. Division All Stars Champion
Jeff & Krystal Hays Family - Int. Division All Stars Champion
Blossom Khardt, Beatrice - Jr. Division All Stars Champion
Gage County 4-H Council - Champion Home Environment Theme Exhibit
Quilt Stitches (gift certificate)- Champion Quilt Exhibit

HOME ENVIRONMENT 4-H THEME EXHIBITS -

Division 250

Deep Roots + Dusty Boots

Non-Competitive

Open to 4-H member enrolled in Home Environment project. Must be home accessory. NO clothing.

- *C250001 Theme Room Accessory
- *C250002 Boot Home Accessory
- *C250003 Holiday Accessory/Wall Hanging
- *C250004 Exhibit of Choice

HOME ENVIRONMENT PROJECT INFORMATION

See "General Rules" on page 19 for project information.

4-H All-Star Champion and Reserve Champion Awards - Age Divisions (4-H age January 1, 2022): Sr. Division- 14 and older; Int. Division- 11-13; Jr. Division- 8-10.

Nebraska State Fair: Classes are eligible for State Fair competition unless marked with an * which denotes COUNTY CLASS ONLY. All static exhibits selected for the State Fair must receive a purple ribbon at county fair judging.

Label each exhibit with exhibitor's name on back or bottom of exhibit. Label all pieces of an exhibit.

Exhibits released Sunday, July 31. No premium money given if exhibits are removed before deadline. Remaining exhibits should be picked up Monday, August 1.

The purpose of Home Environment is to learn design principles and develop graphic design techniques. In addition, activities in this category encourage well-thought-out design plans and diverse artistic techniques.

Items must be designed for home decorating, home furnishing, or home management. NO clothing, purses, note cards, scrapbooks, photo albums, etc. Accessories should be high quality, suitable for use in the home several months throughout the year. Holiday specific items are discouraged. Exhibits made from kits are also discouraged as kits limit decision making in the design process.

Items should show creativity and originality, along with the application of design elements and principles. Youth are required to include the design elements and principles they used, along with simple explanation of how they designed their project with their exhibit. Information on the elements and principles of design may be found in the Design Decisions manual, as well as Portfolio Pathways and Sketchbook Crossroads.

Enter in correct class: What medium was changed or manipulated? What medium is the majority of exhibit made from?

Exhibits may be no taller than 7 feet and no wider than 6 feet. All exhibits must be easily lifted by two 4-H staff.

One entry per exhibitor per class. Limit of two entries in ALL home environment projects per exhibitor.

Items should be ready for display in the home (pictures framed, wall hangings and pictures ready to hang, etc.) No single mat board or artist canvas panels allowed. Wrapped canvas (if staples are not visible on edge) is accepted without framing. Be sure hangers are strong enough to support the item. Command strips are not adequate hangers.

Exhibits using copyrighted materials, such as cartoon characters or commercial product names are NOT eligible for State Fair. Exhibits made from prepackaged kits will NOT be accepted at State Fair but are allowed at County Fair. Kits are defined as any prepackaged item where materials and the design are predetermined by the manufacturer. Indicate on entry tag if exhibit is original design or if a kit or pattern was used.

An entry tag which includes a clear description of the entry must be securely attached to each Home Environment exhibit. Use color, pattern or picture descriptions to aid in identification. No straight pins. If an exhibit includes several small parts or pieces, exhibit together in self-sealing bag. In addition to the entry tag, a label with the exhibitor's name and county should

be attached to each separate piece of the exhibit.

Supporting information is required for all Home Environment exhibits.

Information must include elements or principles of design used and steps taken to complete project. Tags located at Extension Office or gage.unl.edu. Exhibits without supporting information will be dropped a ribbon placing.

Information must include elements and principles of design used and steps taken to complete project.

DESIGN MY PLACE - Division 251

Premium Category 7

- *C251300 Contain Yourself - A Storage Solution
- *C251301 Needlework Item
- *C251302 Fabric Accessory - i.e. pillow, laundry bag, pillow case, table runner
- *C251303 Accessory made with Original Batik or Tie Dye
- *C251304 Accessory made with Wood
- *C251305 Accessory made with Plastic
- *C251306 Accessory made with Glass
- *C251307 Accessory made with Clay
- *C251308 Accessory made with Paper
- *C251309 Accessory made with Metal Tooling or Metal Punch
- *C251310 Storage Item Recycled/Up-cycled
- *C251311 Bulletin or Message Board
- *C251312 Stamping - Exhibit 3 examples
- *C251313 Handmade Bath Salts, Lotion, Scrub, Soap, Linen Spray, etc.
- *C251314 Problem Solved - Use a creative method to show you solved a problem (air quality, water, sound, temperature, lighting, fire escape plan, etc.)
- *C251315 Duck Tape Home Accessory, Desk Accessory, etc.
- *C251316 Exhibit of Choice

DESIGN DECISIONS - Division 257

Premium Category 7

*State Fair classes must attach supporting information to explain steps taken and element or principle of design.

- C257001 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.
- C257002 Problem Solved, Energy Savers, OR Career Exploration - Identify a problem (i.e: 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 problem and how to solve OR your career exploration.
- C257003 Solar, Wind, or Other Energy Alternatives for the Home - Can be models, either an original creation or adaption of kit. If kit, label and explain what was learned and how the item could be used in or on exterior of home.
- C257004 Technology in Design – Incorporate technology into a project related to home environment; Ex: using conductive thread to create a circuit that enhances a wall hanging.

Premium Category 5

- C257006 Window Covering - Curtains, draperies, shades, shutters, etc.
- C257007 Floor Covering - May be woven, braided, painted floor cloth, etc.
- C257008 Bedcover - Quilt, comforter, bedspread, dust ruffle, canopy, etc. For a quilt, state who did the quilting. No tied fleece blankets. See pg. 50-53
- C257009 Accessory - Original Needlework/Stitchery

C257010 Accessory - Textile - 2D (table cloth or runner, dresser scarf, wall hanging, etc.) No tied fleece blankets or beginning level 10 minute table runners.

C257011 Accessory - Textile - 3 Dimensional (pillows, pillow shams, fabric bowls, etc.)

C257012 Accessory - 2 Dimensional

C257013 Accessory - 3D (string art, wreaths, etc.)

C257014 Accessory - Original Floral Design

Determine entry/class by what medium was manipulated:

- C257015 Accessory - Original made from wood (burn, cut, shape or otherwise manipulate); Ex: Wood Door Hanger
- C257016 Accessory - Original made from glass (etch, mosaic, stain, molten, or otherwise manipulate)
- C257017 Accessory - Original made from metal (cut, shape, punch, sculpt, reassemble, or otherwise manipulate)
- C257018 Accessory - Original made from ceramic or tile (treatment to exhibit must go through process that permanently alters the medium; painting alone is not sufficient)
- C257019 Accessory - Recycled/Upcycled Item for the Home, reusing a common object or material in a creative way. Include description of what was done to recycle or reuse item in attached information.
- C257020 Furniture - Recycled/Remade, made or finished by using a common object or material in a creative way. Include description of what was done to recycle or reuse item in attached information.
- C257021 Furniture - Wood Opaque finish such as paint or enamel
- C257022 Furniture - Wood Clear finish showing wood grain
- C257023 Furniture - Fabric Covered - Stool, chair seat, slip-covers, head board, etc.
- C257024 Furniture - Outdoor Living - Made/refurbished by 4-H member for outdoor use. Include description of what was done to recycle or reuse item in attached information (may be displayed outside at State Fair).
- C257025 Accessory - Outdoor Living - Made/refurbished by 4-H member for outdoor use. Include description of what was done to recycle or reuse in attached information. (may be displayed outside at State Fair)
- *C257026 Wall Hanging for Kitchen or Bath - 2 or 3 Dimensional
- *C257027 Wall Hanging for Living/Dining Room - 2 or 3 Dimensional
- *C257028 Wall Hanging for Your Bedroom - 2 or 3 Dimensional

LEATHERCRAFT – Division 258

Open to any 4-H member. Indicate if exhibit is a kit or self-cut and designed by exhibitor. If exhibit is small, enclose in zip-loc bag. Leather stamping is where you use impressions made from tools to form a design. Leather carving is where you cut into the leather (usually swivel knife) as part of the design you are tooling.

Premium Category 6

- *C258030 Beginning Leather Stamping (may enter class 2 times)
- *C258031 Beginning Leather Carving (may enter class 2 times)
- *C258032 Intermediate Leather Stamping (may enter class 2 times)
- *C258033 Intermediate Leather Carving (may enter class 2 times)

Premium Category 5

- *C258034 Advanced Leather Stamping (may enter class 2 times)
- *C258035 Advanced Leather Carving (may enter class 2 times)

VISUAL ARTS - SKETCHBOOK CROSSROADS

Division 260

VISUAL ARTS PROJECT INFORMATION

The purpose of the Visual Arts projects is to learn design principles and develop design techniques. In addition, youth should work to communicate a personal voice, with intention, through their work. Be sure to take note of

the rules section to develop a successful project. By completing supporting documentation, youth will examine their choices and demonstrate an understanding of the elements of art and principles of design.

Original Work - Items must be the original work of the 4-H member and should show creativity and originality. No copyrighted images or master studies.

Display - Items should be ready for display, framed, ready to hang, etc. No single mat board or artist canvas panels allowed. Wrapped canvas (if staples not visible on edge) is accepted without framing. Make sure hangers are strong enough to support the item. Command Strips are not adequate hangers. Items not ready for display will be dropped one ribbon placing.

Entries per Exhibitor: 4-H members may enter up to three exhibits but no more than one exhibit per class.

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

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

Premium Category 5

Use techniques from manual or comparable techniques. Attach information to explain steps taken and element or principle of design used (pg. 8-9).

C260001 Original Pencil or Chalk Drawing, ready to hang. Scratch art accepted. (pg. 10-21)

C260002 Original Ink Drawing, ready to hang. (pg. 22-28)

C260003 Home Accessory made with fiber (pg. 29)

C260004 Home Accessory made with felted wool (pg. 29-33)

C260005 Home Accessory made with cotton linter (pg. 34-36)

C260006 Home Accessory using batik (pg. 37-39)

C260007 Home Accessory made by weaving (pg. 40-47)

C260008 Home Accessory made with fabric exhibitor has dyed (pg. 48-50)

C260009 Original Sculpted or Thrown Home Accessory made with clay (no purchased items) (pg. 53-62)

C260010 Nebraska Life Exhibit - Art Exhibit using one of the techniques in the above classes to show how art can define a sense of place, of life in Nebraska. Ex: 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 above and how this project represents life in Nebraska.

*C260011 Other Home Accessory - Technique/s learned in project.

VISUAL ARTS - PORTFOLIO PATHWAYS -

Division 261

Premium Category 5

Use techniques from manual or comparable techniques. Attach information to explain steps taken, and element or principle of design used (pg. 8-9).

C261001 Original Acrylic Painting- Based on techniques learned in Unit 1, framed and ready to hang. (pg. 12-13)

C261002 Original Oil Painting- Based on techniques learned in Unit 1, framed and ready to hang. (pg. 12-13)

C261003 Original Watercolor- Based on techniques learned in Unit 1, framed and ready to hang. (pg. 12-13)

C261004 Original Sand Painting- Based on techniques learned in Unit 1, framed and ready to hang. (pg. 12-13)

C261005 Original Encaustic Painting- Based on techniques learned in Unit 1, framed and ready to hang. (pg. 12-13)

C261006 Home Accessory- Made with any printing technique in Pathways Unit 2.(pg.36-56)

C261007 Original Mixed Media Accessory - An art exhibit using a combination of two or more different media or materials. One media

must be included in another Portfolio Pathways class (Ex. water color and graphite).

C261008 Nebraska Life Exhibit - Art Exhibit using one of the techniques in the above classes to show how art can define a sense of place, of life in Nebraska. Ex: 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 above and how this project represents life in Nebraska.

*C261009 Other Home Accessory - Technique/s learned in project.

HEIRLOOM TREASURES/FAMILY KEEPSAKES -

Division 256

Premium Category 3

Project area is for items with historic, sentimental or antique value that are restored, re-purposed or refinished to keep their original look and value. It is not for "recycled" items. Ex. a bench would be considered an heirloom if the original finish is restored, but if decorated by painting it would be considered recycled. Project resources on the 4-H website.

Supporting Information: Attach information including: 1) List steps taken to complete project. Include before and after pictures and element or principle of design used. 2) Keepsakes documentation; How you acquired the item and the history of the item - may be written, pictures, audio or video tape of interview with family member, etc.

C256001 Trunk - including doll-sized trunk or wardrobe

C256002 Article - Either a repurposed "treasure" (accessory) from an old item or an old "treasure" (accessory) refinished or renovated. May include a display of a collection or collectibles, being careful not to destroy value of the collection.

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

C256004 Cleaned and Restored Heirloom Accessory of Furniture - A cleaned and reconditioned old piece of furniture or accessory that is functional for use or display. Item should be complexity suited for an advanced project. Item might be cleaned and waxed, and simple repairs made. Item would not have to be refinished or repainted, by reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. Consult Extension Publication "Care and Conservation of Heirloom Textiles" (G1682). This publication can be found in the Digital Commons at: <https://go.unl.edu/gcnh> (Refinished items go in classes 2 – 3.) This class is for situations where it may be best to do very little to the item to maintain its antique value. Item or articles should be of complexity suited to an advanced project.

Premium Category 7

*C256005 Heirlooms/Antiques Documentation - Document with a short description and photo your family heirlooms/antiques. Exhibit in clear plastic report cover or notebook/journal.

*C256006 Exhibit of Choice, Essay, Poster 14"x22", Educational notebook, display, collection of materials that relate to project. Include 8 1/2" x 11" sheet describing exhibit and summary of learning.

QUILT QUEST - Division 229

Award Sponsor: Quilt Stitches

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.

Premium Category 5

- C229010 Exploring Quilts - Illustrate some aspect of quilts or quilt making. Ex: language arts, quilts of different cultures, chemistry, design, preservation, history, construction, math-conversion of quilt patterns, textiles/fabrics, computerization, and entrepreneurship. History may include history of an old quilt or history/research of a particular style of quilt, such as Baltimore album quilts, or Amish quilts. Exhibit may be a 14"x22" poster, notebook, CD, Powerpoint, Prezi, DVD, YouTube, or other technique. All items in an exhibit must be attached together and labeled. NO quilted items.
- C229020 Quilt Designs Other Than Fabric- Two or three dimensional item with quilt design made using medium other than fabric. Ex: stained glass, paper, wire, tile, canvas, paint, etc. Include Supporting Information: Elements or principles of design used and steps taken to complete project.

Premium Category 3

A Barn Quilt is a large piece of wood that is painted to look like a quilt block. Include Supporting Information (use Home Environment information sheet): Elements or principles of design used and steps taken to complete project.

- C229021 Barn Quilt – Size less than 4' x 4'
C229022 Barn Quilt – Size larger than 4' x 4'

Premium Category 5

- C229030 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 to be suitable for the exhibit.

Premium Category 3

- C229040 Wearable Art - Quilted clothing or accessory 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 1/2"x11" paper, tell how you selected the design and fabrics, including whether or not you used a kit, jelly roll, charm squares, etc.
- C229041 Intergenerational Quilt- A quilt made by a 4-H member and family members or friends of different generations. On a half-sheet, 8 1/2"x11" paper, include explanation answering the following questions: A) How was the quilt planned and who did what in the construction of the quilt? B) How did you select the design and fabrics, including whether or not you used a kit, jelly roll, charm squares, etc. C) What did you learn that you can use on your next project?
- C229042 Service Project Quilt- A quilt constructed by a 4-H member or group to be donated to a worthy cause. On a half sheet, 8 1/2"x11" 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?

Quilt Guidelines for classes #C229050-C229083

A quilted exhibit is made up of at least 3 layers. Exhibit must be quilted or tied through all layers. Exhibit must be quilted (machine or hand), or tied. Fleece blankets are not eligible in this division. 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. Wall quilts must have a hanging sleeve on the back of the quilt, or some method for hanging. Quilt exhibits must be clean and finished for intended purpose.

Exhibitor may choose fabrics for the quilt by selecting from fabric bolts. Youth may also use "fabric collections" by manufacturers in a particular designer or fabric line. Examples:

Jelly Rolls are made of/up to 40 different strips of 2 1/2" wide fabric laying on top of one another and rolled up to look like a jelly roll. Fabric is created by one designer or fabric line and compliments each other. In many cases, less skilled exhibitors find it difficult to cut narrow strips with a rotary cutter and ruler, so this fabric selection may make it easier to learn.

Honey Buns are made like the Jelly Rolls with 1 1/2" 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 1/2 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. Exhibitor must cut out all of the smaller squares, rectangles, etc. to make the quilt top according to 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.

Labeling: Quilts must have a permanent label on the back in the bottom right corner with quilter's name and date of completion. Attach entry cards and support information using safety pin/s. NO straight pins. No pre-quilted fabric. No fleece blankets.

Supporting information: On a half sheet of 8 1/2"x11" 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 that you can use in your next project?

Premium Category 2

Pieced Quilt Exhibit Sizes:

Small: length + width = less than 60"- miniature quilt, wall hanging, table runner, placemats (4), pillow; must be quilted. Pillow must have a quilted top, not just pieced patchwork.

Medium: length + width = 61" to 120"

Large: length + width = over 120"

Level 1 Quilted Exhibit - Pieced quilts made up of squares and/or rectangles.

C229050 Small

C229051 Medium

C229052 Large

Level 2 Quilted Exhibit - In addition to squares and/or rectangles, quilt may have triangles, and/or may be embroidered.

C229060 Small

C229061 Medium

C229062 Large

Level 3 Quilted Exhibit - In addition to any of the methods in Level 1 & Level 2 classes, quilt may have curved piecing, appliqué, Celtic style, stained glass style, paper piercing, art quilt style, or other non-traditional styles. (An art quilt is an original exploration of a concept or idea rather than the handing down of a "pattern". It experiments with textile manipulation, color, texture, and/or a diversity of mixed media. An art quilt often pushes quilt world boundaries) or other non-traditional styles.

C229070 Small

C229071 Medium

C229072 Large

Premier Quilt - Entire quilt is the sole work of the 4-H member, including quilting (hand or machine). Tied quilts are not eligible for this class. The youth may receive guidance but no one else may work on the quilt. Exhibitor has developed skills to do all of the work by himself/herself, including 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, exhibitor must finish the quilt by "squaring it up", sew binding on the edge, and placing a label on the quilt which provides details about the quilt making process for historical purposes.

C229080 Hand Quilted

C229081 Sewing Machine Quilted

C229082 Long Arm Quilted - non-computerized/hand guided

C229083 Long Arm Quilted - computerized

HERITAGE - Division 101

4-H THEME EXHIBITS

Deep Roots + Dusty Boots

Non-Competitive

Open to any 4-H member enrolled in Heritage project. Exhibits are a notebook, scrapbook, album, or poster 14"x22".

*A100001 Then & Now

*A100002 Deep Roots + Dusty Boots Exhibit/Display

*A100003 Gage County Fair History

*A100004 Family Photos Collection

*A100005 Exhibit of Choice

HERITAGE PROJECT INFORMATION

The purpose of the 4-H Heritage project is to acquire knowledge, develop a connection to the past and share the story of a 4-H member's heritage and history around them. An exhibit may include items, pictures, maps, charts, recordings, drawings, illustrations, writings or displays that depict the heritage of the member's family or community or 4-H history. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the historical item is larger than 22"x28" please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22" x 28". Exhibits must include name, county, age, and past experience (years in projects) on back of exhibit. All entries must have documentation included. Note: Exhibits are entered at 4-H member's own risk. We are not responsible for loss or damage to exhibits.

Premium Category 7

Beg. Adv. (Over 4 years in project)

A101001 A102001 **Heritage Poster/Flat Exhibit**- Pictures, posters, items that depict family heritage.

A101002 A102002 **Family Genealogy/History Notebook**- Include pedigree charts/family groups sheets, with documentation for two-three generations of one family line expanding each year. If multiple books included in exhibit, only bring book with most current year's work.

A101003 A102003 **Local History Scrapbook/Notebook**- Scrapbook or notebook Depict history of local community or Nebraska that helps youth appreciate their heritage.

A101004 A102004 **Framed Family (or Individuals) Grouping**- Pictures showing family history, supported by written explanation.

A101005 A102005 **Other Heritage Exhibit**- Depict the heritage of the member's family or community, supported by written explanation. May include biographical album of themselves or another family member, family cookbooks, etc.

A101006 A102006 **4-H History Scrapbook**- Relate 4-H history of local club or county. Work of individual 4-H member; no club projects. If multiple books included in exhibit, only bring

book with most current year's work.

A101007 A102007 **4-H History Poster**- Relate 4-H history of local club, county or individual.

A101008 A102008 **Story or Illustration**- About a historical event.

A101009 A102009 **Book Review**- About local, Nebraska, or regional history.

A101010 A102010 **Other Historical Exhibit**- Attach explanation of historical importance.

A101011 **Family Traditions Scrapbook**- Depict past family traditions.

A101012 **Family Traditions Exhibit**- Story or illustration of a family tradition or event, supported by a written explanation.

A101013 A102015 **4-H Club/County Scrapbook**- 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.

A101014 A102016 **4-H Member Scrapbook**- Individual Member's 4-H History. If multiple books included in exhibit, only bring book with most current year's work.

A101015 A102017 **Special Events Scrapbook**- Relating to a 4-H special event, such as National 4-H Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.

A102011 **Nebraska Landmark Exhibit**- Depict importance of a community or Nebraska historic landmark.

A102012 **Community Report**- Document something of historical significance from past to present.

A102013 **Historic Collection**- Display securely and attractively in a container no larger than 22"x28".

A102014 **Video Documentary of a family or community event**. Must be produced and edited by 4-H member. Must be entered as a DVD or USB.

HUMAN DEVELOPMENT - Division 200

4-H THEME EXHIBITS

Deep Roots + Dusty Boots

Non-Competitive

Open to 4-H member in Child/Human Development project. Exhibit made with child.

*C200020 Theme Kids Coloring Book

*C200021 Handmade Puppet/s with Story/Script

*C200022 Theme Kid's Party (max. 14"x22" poster)

*C200023 "When I Grow Up I want to be a ___" (child's story with photos)

*C200024 Toy/Game

*C200025 Exhibit of Choice

*C200026 Storybook Plus - Write a Story and Develop a Child's Activity/Game

HUMAN DEVELOPMENT PROJECT INFORMATION

Note: 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, refer to 4-H resource "What It Takes to be Your Teen Babysitter". Additional resource is the Nebraska Early Learning Guidelines: <http://www.education.ne.gov/OEC/elg.html>.

Classes #C200001-C200006: Focus on designing a toy that meets the different needs of children.

All entries must include Information Sheet:

- 1) Where did I get the idea for this exhibit?
- 2) What decisions did I make to make sure exhibit is safe for child to use?
- 3) What age is this toy, game or activity appropriate for and why?

(Infant: Birth-18 months, Toddlers: 18 months-3 years, Preschoolers: 3-5 years, or Middle Childhood: 6-9 years). 4-H member must give at least two 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?

Possible purchased parts are acceptable such as dice for a grade-schooler to play a game, but the significant part of the exhibit must be MADE by the 4-H members. Exhibitors in the Human Development project area will be asked to focus on designing toys/games/activities that meet the different needs of children.

Categories: are based on the Early Learning Guidelines in Nebraska which identify the important areas in which our children should grow and develop. Use the Nebraska Department of Education website and the resources around the Early Learning Guidelines to help understand the six areas and the skills children need to develop to create your exhibit, in conjunction with your project manual. <https://www.education.ne.gov/oec/early-learning-guidelines>

Premium Category 6

Classes C200001-C200006 must be made by 4-H member. Classes C200001-C200006 & C200008 require an information sheet. Toy, game or activity made for a selected and identified age group. The intent is to teach the child in the developmental area related to each class. Ex: a game that is developed to help youth learn language and literacy skills would be an exhibit for Language & Literacy Development class.

C200001 Social Emotional Development

C200002 Language and Literacy Development

C200003 Science

C200004 Health & Physical Development

C200005 Math

C200006 Creative Arts

C200007 Activity With a Younger Child- Poster or scrapbook, large enough to tell the story, showing 4-H member working with a child age 0-8 years. May show a specific activity such as making something with the child, or other child care and interactions as the 4-H member chooses. May include photos, captions, story, or essay. Other people may take photos so that 4-H member can be in photos. 4-H member must make the poster or scrapbook. No information sheet.

C200008 Babysitting Kit - Purpose of kit is for the 4-H member to take with them when they babysit in someone's home. Do not make kit for combination of ages or for your own family to use. 4-H member should make one or more items in the kit, but purchased items are also allowed. Include list of items in the kit. Kit should serve a defined purpose, not just a catch all for several items. Display in box or bag suitable for contents. Maximum size 12"x15"x10". All items must be safe for child to handle. Information Sheet: 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 was/were made by the 4-H member?

C200009 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. Items may be exhibited, if desired. Other possibilities include a house or farm clean-up project, a family reunion, a celebration of a family milestone, a trip or vacation, moving, a community service. 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.

C200010 Growing With Others- Scrapbook or poster. Ex: How to decide

if it's time you can be home alone, and related activities; how responsibilities and privileges are related; friendships; working with others; understanding rules and boundaries; a family tree; a family rules chart; a family meal plan with pictures of a special family meal; a home safety checklist; being street smart (safety); a school scrapbook showing yourself and your school activities, memories, and special interests.

C200011 Growing In Communities- Scrapbook or poster. Ex: A career study; a photo story about your own growth and development, not only physically but emotionally, socially, spiritually, mentally; a television evaluation; how you have overcome obstacles; friendships; a community profile; a community service project; working with parents; teaching experiences; understanding discipline; playground safety check.

MY FINANCIAL FUTURE - Division 247

Premium Category 7

Type information & attach to poster or card stock, maximum 14"x22" (may use front & back).

Beginning/Intermediate

C247001 Write 3 SMART Financial goals for yourself (one should be short term, one intermediate, and one long term). Explain how you intend to reach each goal you set.

C247002 Income Inventory- Use manual, pg. 13, as a guideline, list sources and amounts of income you earn/receive over a six month period. Answer the following questions: What were your income sources? Were there any steady income sources? What did you do with the income you received? Include your income inventory in the exhibit.

C247003 Tracking Expenses- Use an app or chart like the one in manual, pg. 17, to track your spending over 2 months. Answer the following questions: What did you spend most of your money on? What did you learn about your spending habits? Will you make any changes in your spending based upon what you learned? Why or why not? Include your chart in your exhibit.

C247004 Money Personality Profile- Complete the money personality profile found in manual, pg. 21-22. Answer the following questions: What is your money personality? How does your money personality affect the way you spend/save money? Have a friend or family member complete the money personality profile. Compare and contrast (how are you alike, how are you different) your money personality profile with theirs.

C247005 Complete Activity 8 "What Does It Really Cost?" (manual pg. 39-40)

C247006 My Work; My Future- Interview three adults in your life about their careers or jobs using the questions in manual, pg. 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

C247007 Interview someone who is paid a salary; someone who is paid a commission; and someone who is paid an hourly wage. Have them answer the following questions, plus any additional questions you 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? Summarize: Based upon your interviews, which payment method would suit you best? Discuss your answer.

C247008 The Cost of Not Banking- Type your answers to the questions about Elliot (manual, pg. 50)

- C247009 Evaluating Investment Alternatives- Complete the case study of Jorge (manual, pg. 64). Answer all three questions found at the bottom of the page.
- C247010 Understanding Credit Scores- Watch the video and reach the resource listed in manual, pg. 71. Answer the following questions: Name 3 prudent actions that can reduce a credit card balance. What are the main factors that drive the cost of credit? List one personal financial goal that you could use credit or collateral to purchase. Discuss possible consequences that might happen with improper use of credit for your purchase.
- C247011 You Be the Teacher - Create an activity, story board, game or display that would teach another youth about "Key Terms", manual pg. 62. Activity/display must include at least 5 of the terms.

PHOTOGRAPHY - Division 180-182

Focus on Photography - Unit 1

Controlling the Image - Unit 2

Mastering Photography - Unit 3

PHOTOGRAPHY PROJECT INFORMATION

The purpose of this project area is to establish basic to advanced knowledge of and abilities in using photographic equipment, lighting, and composition to capture images, express feelings, and communicating ideas. Participants can work through the three project levels, progressing from basic to advanced photography skills and techniques. 4-H members are allowed to exhibit in only one photography level. All exhibits must be the result of current 4-H project. Exhibit must be made/photo taken since July 31, 2021, with the exception of the Unit III Portfolios which may include images captured and/or exhibited in previous years. 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 - Any type of film or digital cameras are acceptable, including phones, tablets, and drones. Securely attach photos, mats, backing, and data tags. DO NOT use photo corners, borders, or place coverings over exhibits.

Portfolios - All portfolios must include the following information: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each photo. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image. Portfolios may be presented in either digital or print formats: 1) Printed portfolios should be presented in an 8.5"x11" three-ring binder or similar book format. Recommended photo size is 8"x10". Matting is not necessary. 2) Digital portfolios may be presented online and must be exhibited along with a code that takes users (judges and fairgoers) to their online portfolio.

Display Exhibits - are only accepted in Level 1 and Level 2 classes. Displays consist of three 4" X 6" photos mounted on a single horizontal 11"x14" black or white poster or mat board. Incorrect sizes will not be accepted. No foam board backing should be used. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distract from the overall display. No titles, captions, or stick-on numbers will be allowed. Photos may be mounted vertically or horizontally. Appropriate data tags are required.

Print Exhibits - Print exhibits must be 8"x10" mounted on 11"x14" (outside size) cut matting with a sandwich mat board backing. No foam board. Mat openings may be rectangular or oval. Photos may be horizontal or vertical. No frames. Appropriate unit data tags required.

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

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

Level 2 Prints: All Level 2 prints must have a Level 2 Data Tag.

Level 2 Displays: Each photo of the display must include a separate Level 2 Data Tag. Data tags should be numbered with the corresponding photo's number.

Level 3 Prints: All Level 3 prints must have a Level 3 Data Tag.

Level 1 - Photography Basics

Premium Category 7

*B180001 Fun with Shadows Display or Print - photos should capture interesting or creative use of shadows (Activity 4)

*B180002 Get in Close Display or Print - photo should capture a close-up view of the subject or object (Activity 8)

DEPARTMENT 41 COMMUNICATIONS & EXPRESSIVE ARTS

Online Pre-Entry Deadline: July 15

Trophies, Awards, and Sponsors

4-H Building Inc. - Senior Division All-Stars Communications Champion

Jeff & Krystal Hays Family - Intermediate Division All-Stars Communications Champion

Gage County 4-H Family- Junior Division All-Stars Communications Champion

Gage County 4-H Council - Theme Exhibit

PHOTOGRAPHY 4-H THEME EXHIBITS - Division 179

Deep Roots + Dusty Boots

Non-Competitive

Open to 4-H member enrolled in Photography project. One 8"x10" photograph or 3 photos (4"x6") mounted on poster board, 11"x14". Maximum 7 entries per exhibitor.

*B179001 Nebraska Historic Building/s & Landmarks

*B179002 Deep Roots + Dusty Boots

*B179003 My Home or Family

*B179006 Selfie

*B179004 Nebraska Agriculture

*B179007 Exhibit of Choice

*B179005 People of Nebraska

PROJECT INFORMATION

See "General Rules" on page 19 for project information.

4-H All-Star Champion and Reserve Champion Awards - Age Divisions (4-H age January 1, 2022): Sr. Division- 14 and older; Int. Division- 11-13; Jr. Division- 8-10.

Nebraska State Fair: Classes are eligible for State Fair competition unless marked with an * which denotes COUNTY CLASS ONLY. All static exhibits selected for the State Fair must receive a purple ribbon at county fair judging.

Label each exhibit with exhibitor's name on back or bottom of exhibit. Label all pieces of an exhibit. If an exhibit includes several small parts or pieces, exhibit together in ziploc bag.

Exhibits released Sunday, July 31. No premium money given if exhibits are removed before deadline. Remaining exhibits should be picked up Monday, August 1.

- *B180003 Bird's or Bug's Eye View Display or Print - Photo should capture an interesting viewpoint of a subject, either from above (bird's eye view) or below (bug's eye view) (Activity 10).
- *B180004 Tricks and Magic Display or Print - Photos should capture visual trickery or magic. Trick photography requires creative compositions of objects in space and are intended to trick the person viewing the photo. For example, if someone is standing in front of a flower pot, the pot might be visible in the image, making it look as if the flowers are growing out of the person's head (Activity 11).
- *B180005 People, Places, or Pets with Personality Display or Print – Photos should have a strong focal point, which could be people, places, or pets. Photos should capture the subject's personality or character. Photos may be posed or un-posed. (Activity 13)
- *B180006 Black and White Display or Print – Photos should create interest without the use of color. Photos should show strong contrast and/or textures. Photos may be captured in black and white or captured in color and edited to black and white. (Activity 15)
- *B180007 Challenging Photo Exhibit: Telling a Story Display – Exhibit will include three photos which tell a story without words. Photos may show something being created, destroyed, consumed, moving, or growing. Photos should capture the beginning, middle, and end of a single story, project, or event. (Activity 14)
- *B180008 My Favorite Photo - 5"x7" color print on 8"x10" poster board with sandwich backing
- *B180009 Selfie (yourself and/or with friend) - 5"x7" print on 8"x10" poster board with sandwich backing

Unit 2 - Next Level Photography

Level 2 photographers should be utilizing all the skills and techniques they have developed thus far in their photography careers, especially topics covered in Book 1 Photography Basics and Book 2 Next Level Photography.

Premium Category 6

- B181010 Level 2 Portfolio - Level 2 portfolios should represent the photographer's best work and must include 5-7 different images from the 4-H member's photography career. At least 2 images must have been taken during the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 2 classes during the same year.. See guidelines above.
- B181020 Creative Techniques & Lighting Display or Print- Photos should capture a creative use of lighting, such as diffused lighting, back lighting, or hard lighting, reflections, or another lighting technique covered in Book 2 Next Level Photography (Activity 3, 4, 5)
- B181030 Creative Composition Display or Print - Photos should capture a creative composition using the Rule of Thirds, Golden Triangle, Golden Rectangle, or another composition technique covered in Book 2 Next Level Photography. (Activity 6, 7, 8, 9)
- B181040 Abstract Photography Display or Print - Photos should be abstract or capture a small piece of a larger subject. Abstract photos may not look like anything in particular but should be able to capture a viewer's attention. (Activity 11)
- B181050 Candid Photography Display or Print - Candid photos should capture a special moment or meaningful interaction. Photos should be un-posed. (Activity 10)
- B181060 Expression Through Color Display or Print - Photos should capture a creative use of color or a color scheme, such as complimentary, contrasting, monochromatic, warm, cool, primary, secondary, or tertiary. (Activity 13)

Level 3 - Mastering Photography

Level 3 photographers should be exploring and experimenting with advanced techniques. This may include but does not necessarily require using an SLR camera, manual adjustments, or other advanced equipment. Level 3 photog-

raphers should be utilizing all the skills and techniques they have developed throughout their photography career, especially topics covered in Book 1 Photography Basics, Book 2 Next Level Photography, and Book 3 Mastering Photography.

Premium Category 5

- B182010 Level 3 Portfolio - Level 3 portfolios should represent the photographer's best work. Level 3 portfolios must include 9-11 images from the 4-H member's photography career. At least 3 images should be from the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 3 classes during the same year. See guidelines above.
- B182020 Advanced Techniques & Lighting Print - Photos should show an experimentation or exploration of advanced lighting, such as low-light or silhouette photography or another advanced photography technique, such as astrophotography, underwater photography, or infrared photography. (Activity 3, 4, 5, or 12)
- B182030 Advanced Composition Print - Photos should show advanced compositions, such as using diagonal, horizontal, or vertical lines or repeating shapes to frame a subject or lead the viewer's eye through a scene; breaking the rule of thirds to compose a discordant image; or another advanced composition technique covered in Book 3 Mastering Photography (Activity 6, 7)
- B182040 Portrait Print - A great portrait captures not only a person's physical image, but also something of the person's character or personality. Photos may be either formal or informal, but must be of one or more human subjects. (Activity 9)
- B182050 Still Life Print - Photos should capture non-moving objects that have been arranged in an interesting way. Photos should demonstrate advanced control over lighting and composition. (Activity 8)
- B182060 Freeze/Blur the Moment Print - Photos should capture a subject in motion. Photographers should adjust shutter speed to either freeze or blur the movement. (Activity 11)

COMMUNICATIONS - Division 154

Premium Category 7

Module 1

- *B154006 Exhibit of Choice, Educational notebook, Poster - 14"x22", display, collection of materials that relate to project. Include 8 1/2" x 11" page describing exhibit and summary of learning.

Module 2

Share with others what you have learned in Communications, Module 2 curriculum. Ex: Identifying cultural differences in communication, developing guidelines for internet etiquette, evaluating another person's presentation, identifying a communications career, or preparing a presentation using a form of technology.

- *B154001 Poster - 22"x28" or 24"x36"

- *B154002 Essay - 3-5 pages

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. Ex: 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 communications professional.

- *B154003 Poster - 22"x28" or 24"x36"

- *B154004 Essay - 3-5 pages

- *B154005 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. Upload the digital

media file to an online location (website, 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" cardstock: 1) QR code; 2) 1-3 sentences about what viewers will see when they access the QR code on their mobile device.

DEPARTMENT 42 LEADERSHIP & CITIZENSHIP

Online Pre-Entry Deadline: July 15

PROJECT INFORMATION

See "General Rules" on page 19 for project information.

Nebraska State Fair: Classes are eligible for State Fair competition unless marked with an * which denotes COUNTY CLASS ONLY. All static exhibits selected for the State Fair must receive a purple ribbon at county fair judging.

Label each exhibit with exhibitor's name on back or bottom of exhibit. Label all pieces of an exhibit.

Exhibits released Sunday, July 31. No premium money given if exhibits are removed before deadline. Remaining exhibits should be picked up Monday, August 1.

NEBRASKA 4-H GIVES BACK - Division 100

Premium Category 6

Open to 4-H member completing Nebraska 4-H Gives Back.

*A100010 Notebook or Poster - Exhibit in clear plastic cover or 14"x22" poster.

*A100020 Exhibit of Choice

YOUTH AT WORK LEADERSHIP GRANT - Division 101

Premium Category 7

Open to 4-H member or 4-H club who received a 2022 grant from the Gage County 4-H Council.

*A101010 Report of Grant Project, including overview, resources, and impact. Include pictures. If project is completed, include final report. Exhibit in clear plastic cover.

*A101020 Youth at Work Exhibit/Display of Choice

4-H CLUB LEADERSHIP - Division 102

Premium Category 7

Show how you are a leader in your 4-H club. Display could include a notebook, a poster, a scrapbook, or other items to showcase your leadership.

*F102001 4-H Club Leadership Display

*F102002 4-H Club President's Report

*F102003 4-H Club Vice President's Report

*F102004 4-H Club Secretary's Report

*F102005 4-H Club News Report

*F102006 4-H Club Scrapbook

*F102007 4-H Memory Scrapbook/Display

CITIZENSHIP - Division 120 CITIZENSHIP PUBLIC ADVENTURES KIT CITIZEN GUIDE'S HANDBOOK Premium Category 7

The purpose of exhibit is to foster civic responsibility and action within the diverse areas of citizenship including community service, service learning, government and policy making. Project materials: Citizenship Public Adventures Kit (MI 7329) and Citizen's Guide Handbook (BU 7330) and Seeing i2i. Other helpful references include Citizenship Washington Focus guides, Character Counts and Service learning information. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the item is larger than 22"x28" please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22" x 28". Supporting material: All entries must have a statement explaining the purpose of the exhibit. Show evidence of your personal experiences, study or observations that relate to exhibit. 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). All entries should be labeled with the exhibitor's name, club, and county.

A120001 Care Package Display - Exhibit is a display about the process of creating or developing and giving a care package to a service organization, not the actual care package. You may use poster, Power Point or other multi-media program, etc. Powerpoint should be saved to a USB/thumb drive. Care package might be a back pack for school supplies, litter pan for animal shelter items, suitcase for abuse shelter or homeless shelter, etc. Answer the following questions: 1) How did you select the organization? 2) What items did you include in your care package? 3) Why did you select these items? 4) How did it feel to present your care package to the organization? 5) What did you learn from this experience? 6) Other information that you feel is important about the care package or organization.

A120002 Citizenship Game - Create a game which could include, but isn't limited to, symbol flash cards, question and answer board or stimulation with props. Include clear instructions on how to play the game and what the game hopes to accomplish.

A120003 Patriotic or Cultural Fine Arts - Made of any art media; should tie in the relevance of the artwork to citizenship.

A120004 Public Adventure Scrapbook - Describe Your Public Adventure or Service Learning activity. Scrapbooks should measure no more than 16"x16".

A120005 Public Adventure Poster - 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".

A120006 Written or Recorded Stakeholder Interview - Follow outline in the Public Adventures curriculum; may be written or recorded. Recordings should be saved as a .wav or .mp3 file; a USB/thumb drive will be accepted.

A120007 Written Citizenship Essay - Promote good citizenship and patriotism, 300-400 typewritten words.

A120008 Oral Citizenship Essay (9th - 12th graders only) - Address the theme "Freedom's Obligations." 3-5 minutes. No background music, singing or other enhancement. Essay should be on a .wav or mp3 file; a USB/thumb drive will be accepted. Voice tones should be normal and conversational. Attach a copy of the written essay.

A120009 Service Items - Exhibit could include, but not limited to, lap quilt, Quilt of Valor or homemade toys; non-perishable item. Attach an explanation of who the recipient was and how the service project was made and used. The service item could be part of a larger community service effort.

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

Seeing i2i

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

A130002 How Are We Different? - Interview should follow the interview guide in the participant manual, pg. 3, and should reflect on the differences and similarities between you and the person you are interviewing.

A130003 Name Art - should be a creative art exhibit that symbolizes or explains where your name came from and what it means; can use any media.

A130004 Family History depicting your family cultural history or the ethnic make-up of your community, noting who were the first settlers, where did they come from, evidence of the background today (local celebrations, family celebrations, museum or educational displays, historical markers, etc.).

A130005 Exhibit depicting a cultural food - that is special to your family; can be essay or story.

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

A130007 Poster - that depicts what you learned through the i2i project

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

A130009 Play Script - written about a different culture

F531004 Sample of an Original Product- Include information sheet (8 1/2"x11") 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 in manual, pg. 3.3, and survey at least 10 people in your community about your product. 5) How much would you earn per hour? Show how you determined this figure. 6) What is unique about this product?

F531005 Photos of an Original Product (mounted on 14.5"x22" poster) - Include 3 photos of developed product and a mounted information sheet 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 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? Note: If exhibiting in both Sample Class and Photo Class - products must be different.

Entrepreneurship Units 1, 2, and 3

F531006 Entrepreneurship Challenge – Complete 5 or more of the challenges from the following list with highlights from these 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. Use your creativity to show and share what you learned. Select your challenges from this 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.)

*F531007 Exhibit of Choice, Educational notebook, Poster - 14"x22", display, collection of materials that relate to project. Include 8 1/2" x 11" page describing exhibit and summary of learning.

ENTREPRENEURSHIP - Division 531

ESI: Discover the E-Scene - Unit 1

ESI: The Case of Me - Unit 2

ESI: Your Business Inspection - Unit 3

Premium Category 6

Exhibits are related to activities in project manual. Refer to manual for ideas, suggestions and additional information. If exhibit is a poster, it must be 14"x22" and may be arranged vertically or horizontally. Posters may not use copyrighted materials, such as cartoon characters or commercial product names. Posters may include photographs, charts or examples, as well as a written explanation. Posters may be laminated. Exhibitors name, age, town and county must be listed on the back of the exhibit.

Unit 1 - Discover the E-Scene

F531001 Interview an Entrepreneur- Share what you learned from the person about starting and running a business or how they deliver excellent customer service. How will what you have learned through this interview change your future plans or ways of thinking about business? (manual pg. 2.1-2.4)

Unit 2 - The Case of ME

F531002 Social Entrepreneurship Presentation- Prepare a five slide power point presentation about a social entrepreneurship event to benefit a group or individual in your community. Social entrepreneurs are people who are in business to help others. Submit a 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.

Unit 3 - Your Business Inspection

F531003 Marketing Package (mounted on 14"x22" poster)- Include at least three items/examples developed by the 4-H member from the following: business card, brochure, advertisement, business promotional piece, printout of internet home page, packaging design, signs, logo design, direct mail piece, etc. The marketing package should be for an original business developed by the 4-H member and not an existing business.

LEADERSHIP - Division 530

STEP UP TO LEADERSHIP 1 (grades 3-5)

STEP UP TO LEADERSHIP 2 (grades 6-8)

STEP UP TO LEADERSHIP 3 (grades 9-12)

Premium Category 7

*F530010 Exhibit of Choice, Educational notebook, Poster - 14"x22", display, collection of materials that relate to project. Include 8 1/2" x 11" page describing exhibit and summary of learning.

My Leadership Workbook, grades 3-5

*F530011 Assess Myself - Copy and complete the leadership skills assessment, manual pg. 8-9. Exhibit in clear plastic folder.

*F530012 Gathering Up Loose Ends - Complete the activity in manual, pg. 22-23, to manage the store space in your room. Exhibit in clear plastic folder.

*F530013 Now Is That a Plan or What? - Plan and carry out a service project

for your family or club. Document on 8 1/2"x11" paper in clear plastic folder. Copy and fill out pg. 33. Include photo.

My Leadership Journal, grades 6-8

*F530014 Assess Myself - Copy and complete the leadership skills assessment, manual pg. 8-9. Exhibit in clear plastic folder.

*F530015 Leadership Portfolio - Include 5-10 leadership activities you have planned and carried out in past years and this year. Include plan for each activity and results. Include pictures. Exhibit in clear plastic folder.

*F530016 Interview a Community Leader - Exhibit in clear plastic folder.

My Leadership Portfolio, grades 9-12

*F530017 Assess Myself - Copy and complete the leadership skills assessment, manual pg. 8-9. Exhibit in clear plastic folder.

*F530018 Leadership Portfolio - Include 5-10 leadership activities you have planned and carried out in past years and this year. Include plan for each activity and results. Include pictures. Exhibit in clear plastic folder.

*F530019 County-Wide Leadership Activity - Plan and carry out a leadership activity or event at the county level. Include pictures. Exhibit in clear plastic folder.

DEPARTMENT 43 MISCELLANEOUS

Online Pre-Entry Deadline: July 15

CAMP RENEGADE/CAMP VENTURE/BLAST AD- VENTURE CAMP- DIVISION 910

Premium Category 7

*F910001 Camp/Craft Project

*F910002 Other Camp Project

EDUCATIONAL EXHIBIT - Division 920

Premium Category 6

Open to 4-H member or club. Develop an educational exhibit. Use the most effective means to show what you have accomplished in a project. Photographs, posters (14"x22"), charts, drawings or articles used or made may be utilized to tell the story. Include sufficient explanation so that viewers understand what was done. Exhibit that is hangable must have a secure hanger. Maximum size is 24"x24".

*F920001 Self-Determined Educational Exhibit - Jr. Division (8-11)

*F920002 Self-Determined Educational Exhibit - Sr. Division (age 12 and older)

*F920003 Self-Determined 4-H Club Exhibit

DEPARTMENT 44 4-H CONTESTS

State Fair: If the presence of the 4-H member is required, they must be 10 years of age by January 1, 2022. In person contest must be entered by family by August 10 at 8:00 pm.

4-H PUBLIC SPEAKING CONTEST - Division 440

Date: April 10, 2022 - 2:00 pm- Registration Due April 1

<https://22publicspeakingcontest.eventbrite.com>

Speech - Premium Category 4

Radio PSA - Premium Category 6

Awards: Gage County 4-H Council

Junior Division (8-9). Intermediate Division (10-13). Senior Division (14-18).

F440001 Speech

F440002 Radio PSA- Theme: Opportunity 4 All

Nebraska 4-H State Public Speaking Contest: June 24 – Lincoln
- Five (5) contestants in each age division (Intermediate and Senior) in both speech and PSA categories will be selected to advance to the State Public Speaking Contest. PSA entries submitted on tape (.wav or .mp3 format).
- PSA contestants may be coordinated with KWBE to record PSA for state contest submission. You will not attend the state competition in person for the PSA division.

- Following the contest, the top 5 contestants from each age division will be invited to showcase their speeches at the Nebraska State Fair. The top 5 PSAs from each age division will be played at the Raising Nebraska building during the State Fair.

- For more information, visit <https://4h.unl.edu/public-speaking>

4-H TABLE SETTING CONTEST - Division 441

Date: July 16 - Extension Meeting Room

Online Registration deadline: July 8

Registration on 4-H Online under the events tab: v2.4honline.com

Premium: \$5.00 Rainbow Ribbon (non-competitive)

Awards: Gage County 4-H Council, presented at 4-H All-Star Awards, Saturday, July 30, 4:00 pm, 4-H Building

Open to all 4-H members. Participants will determine a theme and creatively set one place setting, including table covering, plates, silverware, glassware and centerpiece. Include a menu card; nutrition, color and taste should be considered and compliment theme. Print or type menu on half sheet (8 1/2"x11") or recipe card. Table provided. Handout available at Extension Office. Participant should wear 4-H shirt.

Junior Division (8-11, Jan. 1, 2022). Senior Division (age 12 and older, Jan. 1, 2022).

*F441001 Table Setting (any division)

4-H PRESENTATIONS CONTEST - Division 151

Date: July 16 - Extension Meeting Room

Online Registration deadline: July 8

Registration on 4-H Online under the events tab: v2.4honline.com

Trophies, Awards & Sponsors

Jeff & Krystal Hays Family, Diller - Champion Presentation - Junior Division

Wayne & Laurie Wallman - Champion Presentation - Senior Division

Gage County 4-H Council - Champion Class Winners

Awards presented at 4-H All-Star Awards, Saturday, July 30, 4:00 pm, 4-H Building

Junior Division (8-9, January 1, 2022); Senior Division (age 10 and older, January 1, 2022).

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

Participant must provide their own equipment. Refrigerator, microwave and stove available. Participant should wear a 4-H shirt. All classes are open to an individual or team of 2 presentation (other than class #B151115).

Illustrated Presentation - Individual or a team of 2; live presentation with a formal talk where youth use visual aids (props, posters, computer-based visuals, handouts, video, etc.) to show and tell others how to do something. Educational resources in 2021 4-H Project Resource Central. Individual presentation - maximum 6-8 minutes; Team presentation - maximum 8-10 minutes. Individual or team presentation may be given in any class. The same presentation cannot be given in more than one Illustrated Presentations class.

Premier Presenter Contest - Champion presentation (individual or team) from the Illustrated Presentations Classes will be eligible to compete in Premier Presenter Contest at the Nebraska State Fair.

Nebraska State Fair Presentations Contest: One individual or one two-person team may advance from the Illustrated Presentation Class in the County 4-H Presentations Contest to the Premier Presenter Contest. Must be entered by family by August 10 at 8:00 pm. Presentation topics related to what the 4-H youth is learning through educational experiences focused on the priorities of career and college readiness, community development, entrepreneurship, food supply confidence, healthy living, leadership development, and STEM. Participants must be 4-H age 10 & older (January 1, 2022) and receive a purple ribbon at the County Contest. Presenters using computer-based visuals may bring files on a CD-ROM or a USB drive that is PC formatted.

Classes

Jr. Div. Sr. Div.

*B153002 Inter-Generational Presentation- 4-H member and adult will take active part in presentation. Maximum 10 minutes (not eligible for awards.)

*B153003 B151113 Illustrated Presentation

4-H FASHION SHOW - Division 410

Textile Extravaganza

Judging: July 18, 4-H Building, Gage County Fairgrounds

Public Fashion Show: July 18, 7:00 pm, 4-H Building, Gage County Fairgrounds

Registration Deadline: July 11

Paper Registration form at the Extension Office

Clover Kids Modeling Class at 4-H Fashion Show (non-competitive)

Trophies, Awards & Sponsors

Blossom Khardt - Grand Champion Model

Diane's Dresses, Etc. - Reserve Grand Champion Model

4-H member must be enrolled in project to model. Modeled garments may be from same classes as constructed garments.

4-H member may model 3 exhibits in any combination with a maximum 1 Shopping in Style. NOT eligible for State Fair: STEAM 1, STEAM 2 (single pieces), textile clothing accessories, nightshirt/loungewear, upcycled garment.

Awards: Fashion Show judges will select project awards. Champion & Reserve Champion Model awards are selected from the callbacks for State Fair competition at conclusion of judging. Participants must model in the judging AND evening Public Fashion Show to receive premium and be eligible for State Fair selections, Champions and Project Awards.

Construction Judging: Enter Exhibits in Clothing Department 40 at County Fair, Tuesday, July 26. NO CONSTRUCTION JUDGING at Fashion Show.

NOTE: Dresses for Africa made for others do not need pre-entry and will not receive premium money. See class C410070 if dress made for and modeled by 4-H member. Entry does not count in the 3 limit entry/4-H member

Premium Category 4

C410010 Beyond the Needle - Embellished Garment with an Original Design - Garment is created using intermediate or advanced techniques as defined in the project manual. Designs are the original

idea of the 4-H member using the elements and principles of design to make an original statement. Upcycled garment is not accepted. NOTE: Embellished purchased garment/s or embellished purchased garment/s with original design entries and textile clothing accessory entries are NOT eligible.

C410015 Beyond the Needle - Garment Constructed from Original Designed Fabric - Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added.

C410020 Beyond the Needle - Textile Arts Garment - Garment is constructed using new unconventional materials. Ex: rubber bands, plastic, duct tape.

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

*C410026 Beyond the Needle - Purchased, constructed, original design, or recycled garment to which surface embellishment has been applied. NOT State Fair.

*C410028 STEAM 1 - Simple Pants, Shorts, Top, Skirt. May be worn with purchased top or bottom. Indicate sewn garment. (NOT State Fair)

*C410029 STEAM 2 - Top, Vest, Shorts, Pants, Skirt, Lined or Unlined Jacket. May be worn with purchased top or bottom. Indicate sewn garment. (NOT State Fair)

C410030 STEAM 2 - Dress; Romper or Jumpsuit; Two-Piece Outfit Combination (skirt with top, vest, or lined/unlined jacket), or a purchased top can be worn to complete a vest or lined/unlined jacket outfit with a construction bottom. Upcycled outfit combination - must contain a complete constructed outfit (examples: if the top is upcycled, must include a constructed bottom, upcycled dress)

C410040 STEAM 3 - Dress or formal; Skirted Outfit Combination (skirt with top, vest or lined/unlined jacket OR Jumper and shirt), a purchased top can be worn to complete a vest or jacket outfit with skirt, pants or shorts; Pants or Shorts Outfit Combination (pants or shorts with top, vest, lined/unlined jacket). A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts; Romper or Jumpsuit; Specialty Wear (swim wear, costumes, western wear - chaps, chinks, riding attire or hunting gear; Non-tailored Lined or Unlined Jacket or Coat; Tailored Coat, Blazer, Suit Jacket or Outerwear. Additional pieces with coat, blazer, jacket or outerwear may either be constructed or purchased. Upcycled Outfit Combination - must contain a complete constructed outfit (examples: if the top is upcycled, must include a constructed bottom, upcycled dress).

C410050 Knitted or Crocheted Clothing (Level 2 or 3) - Knitted garment using pattern stitches such as diamond, block, twist or seed/moss stitches or advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle. Crocheted garment using pattern stitches such as texture, shell, cluster or mesh stitches or advance crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches. Garment can be a sweater, cardigan, dress, coat, a top and bottom, or a two piece ensemble.

C410060 Shopping In Style Purchased Outfit - Maximum one entry per model. Must be a complete outfit; all items must be purchased. Judging based on modeling, fit and appearance of the outfit and accessories and 50% of score based on entry form (content, completeness, accuracy).

*C410070 Dresses for Africa - 1 entry per exhibitor

*C410071 Textile Extravaganza - Quilts and large textile exhibits made by 4-H member or club.

PERFORMING ARTS CONTEST - Division 448

July 18, 4-H Building, during Public Fashion Show 7 pm

Paper Registration form at the Extension Office

Registration deadline: July 11

Premium Category 6

Awards: Gage County 4-H Council

Entries - all participants must be 4-H members with the exception of the Inter-generational class. Each participant is limited to one entry per class, not exceeding a total of 2 classes. Each entry must have a completed registration form turned into the Extension Office along with copy of sheet music.

Dress - the performers may not use identification of a specific club, county, or organization other than 4-H.

Time - Each performance is allowed 2 minutes after the cue from the announcer to arrange themselves on stage before their performance. Props are not encouraged, but if used, must be in place within the time limit. At that point, all acts will have a 6 minute time limit to complete their performance.

Selection - Any number of songs may be performed within the 6 minute time limit. Groups may sing selections of their choice. You should choose appropriate music and lyrics.

Accompaniment - Recorded background music may be used only in Class 1 - Drill or Dance Routine. In Classes 2 and 3 - Vocal Solo and Duet or Song Group, only recorded instrumental background music may be used. Performing groups must provide mp3 files to Extension Staff upon entry. Not more than one adult may accompany an entry.

Age Division: Junior - 8-12, Senior - 13 & up

Director - A group may appear with or without a director. The director of a group must be a 4-H member or enrolled volunteer.

A copy of the music must be provided for the judge and is due with entry.

*C448001 Solo Drill or Dance Routine - May be a drill, square or folk dance, tap dance, or any routine done solo.

*C448002 Group Drill or Dance Routine - May be a drill, square or folk dance, tap dance, or any routine done as a group. Groups should be prepared to perform on a stage approximately 20 ft. square.

*C448003 Vocal Solo

*C448004 Vocal Duet

*C448005 Vocal Song Group

*C448006 Instrumental Solo

*C448007 Instrumental Duet

*C448008 Instrumental Group

*C448009 Other Performing Arts - Poetry, Magic, Mime, etc.

*C448010 Inter-Generational - For those who wish to perform with the help of someone from a different generation (older or younger). Each performer must have an equal part in the performance. In the Inter-Generational class, all performers between the ages of 8 and 18 must be enrolled 4-H members.

HORTICULTURE JUDGING CONTEST - Division 446

June 3-20, 2022

<https://go.unl.edu/online4hhortcontest>

Premium Category 5

Awards: Gage County 4-H Council

Jr. Division (4-H ages 8-9)

Int. Division (4-H ages 10-13)

Sr. Division (4-H ages 14-18)

Horticulture judging contest consists of three parts. The first is identification of plant material. Participants identify the plants by common name from a plant list. Specimens may be alive or preserved plant parts like stems, twigs, leaves, flowers, seeds, fruits, roots, bulbs, tubers, or plant products. The second is a knowledge portion, usually in the form of a true/false or multiple choice quiz. Questions will test the contestant's knowledge of cultural practices for horticulture crops, plant science, pesticides, horticulture careers

and other topics related to the production, processing and consumption of horticulture crops. The last portion is judging or placings. This is where four different plants, plates of vegetables, or container flowers are ranked from best to worst based on a set of criteria. Classes are judged on the basis of condition, quality, uniformity, true-to-type, and size. More information can be found at <https://4h.unl.edu/online-horticulture-judging-contest>

*F446001 Horticulture Judging Contest (any division)

INSECT IDENTIFICATION CONTEST - Division 447

June 3-20, 2022

<https://4h.unl.edu/online-insect-id-contest>

Premium Category 5

Awards: Gage County 4-H Council

Jr. Division (4-H ages 8-9)

Int. Division (4-H ages 10-13)

Sr. Division (4-H ages 14-18)

The Nebraska 4-H Online Insect Identification Contest provides an opportunity for participants to put their entomological knowledge to the test. The contest consists of insect identification and multiple-choice questions. Participants will gain knowledge about insects and entomology through this competition. The contest is open to all youth, as well as adults. Youth do not need to be enrolled 4-H members to participate.

*F446002 Insect ID Contest (any division)

DEPARTMENT 45 CLOVER KIDS

The purpose of Clover Kids program is to promote the positive development of youth to become competent, caring, contributing citizens. The learning experience is the primary reason for involvement in the program. Each exhibitor will receive a Clover Kid ribbon.

The 4-H Clover Kid Program is for youth between the ages 5 -7 years old on January 1 of the current calendar year. Clover Kid exhibitors must be enrolled in a 4-H club or as an individual 4-H member by June 15 (of the current year) enrollment deadline. Enrollment website: <http://v2.4honline.com>

Clover Kid projects are entered Monday, July 25th from 5:00 pm - 8:00 pm or Tuesday, July 26 from 10:00 am-2:00 pm, 4-H Building. Exhibitor is allowed ONE exhibit per class. Maximum 10 exhibits per exhibitor. Clover Kid (static) exhibits are NOT eligible for any other county competition and are NOT eligible for State Fair. Exhibit release: Sunday, July 31, 7:00 pm.

For PeeWee Showmanship & PeeWee Exhibits see Open Class Fairbook available at gagecountyfair.com

My Choice Exhibits: can use any media to create the exhibit and should relate to the project area.

Photography Display consists of up to three 4"x6" photos displayed on 11"x14" black or white poster board.

Posters or Drawings: maximum size is 8 1/2"x11".

Project descriptions can be found in "The Big Book of 4-H Cloverbud Activities" manual that can be acquired at the Extension Office.

CONTESTS - DIVISION 1

- *K100101 Table Setting Contest - July 16, Gage County Extension Office
Online Registration deadline: July 8
Register on 4HOnline under the events tab: v2.4honline.com
- *K100102 Fashion Show - Purchased or Constructed Garment
July 18, 4-H Building, Gage County Fairgrounds
Registration Deadline: July 11
Paper registration form at Extension Office

SCIENCE AND TECHNOLOGY - DIVISION 2

WEATHER FUN

- *K100201 What Should I Wear Today
*K100202 Rainstorm in a Jar
*K100203 Rain Paint Exhibit
*K100204 Make Your Own Thermometer
*K100205 Weatherman Exhibit

EXPERIMENTING WITH THE FIVE SENSES

- *K100210 Rainbow & Sunset Art
*K100211 Texture Rubbing

MAKING AIR WORK

- *K100215 Spinning Pinwheels
*K100216 Balloon Rockets
*K100217 Blow Painting

GOOD VIBRATIONS: THE SCIENCE OF SOUND

- *K100220 Kazoos
*K100221 How Sound Waves Travel Poster
*K100222 Making a Megaphone
*K100223 Telephone
*K100224 Rubber Band Guitar

THE WONDER OF WATER

- *K100230 Making Flubber

BUBBLE MANIA

- *K100240 Make Your Own Bubble Blower
*K100241 Bubble Art

AEROSPACE UNIT 1

- *K100250 Edible Rocket - build and display a rocket that can be eaten (pg. 4 of manual)
*K100251 Paper Airplane
*K100252 Rocket Picture - draw and color a picture of your rocket. Label the three main parts: fins, body tube, and nose cone.
*K100253 Space Helmet - make and display a space helmet (pg. 12 of manual)
*K100254 Photography Display - photos of things that can fly
*K100255 My Choice

LEGO

- *K100260 LEGO Design

COMMUNITY AND EXPRESSIVE ARTS - DIVISION 3

PLANNING A COMMUNITY ART EXHIBIT

- *K100301 Mounted & Labeled Artwork Completed by Exhibitor
*K100302 Family Portraits
*K100303 Invitation

THEATRE ARTS

- *K100305 Homemade Puppet
*K100306 Story - make up a story to go with your puppet or toy to act out
*K100307 Sign Language Symbols - on a poster, draw one of the American Sign Language symbols and tell what it means
*K100308 Photography Display - photos of different expressions
*K100309 My Choice

HOME HOBBIES

- *K100310 Woodworking Exhibit
*K100311 Drawing or Painting Exhibit
*K100312 Beading
*K100313 Cup Garden

A SPACE FOR ME

- *K100320 Decorative Storage Box or Container
*K100321 Home Item Made From Recycled Items
*K100322 Collage About Recycling or Ways to Organize Your Room
*K100323 Banner
*K100324 Color Poster
*K100325 Seed Mosaic
*K100326 Photography Display - of different textures, designs or color combinations
*K100327 My Choice

SPORTS

- *K100340 Games/Sports of Different Cultures Poster
*K100341 Careers in Sports Poster
*K100342 Favorite Sport Poster

PHOTOGRAPHY

- *K100350 Photo of an Animal
*K100351 Photo of a Person
*K100352 My Favorite Photo
*K100353 My Best Selfie

HEALTHY LIFESTYLES - DIVISION 4

FITNESS IS FUN

- *K100400 What is Physical Fitness Poster
*K100401 Exercise Spinners
*K100402 Baton with Streamers

MAKING FOOD FOR ME

- *K100403 Placemat - colored and decorated. Lamination or protection with clear contact paper advised
*K100404 Food Cards - neatly cut and color Food Cards, display in self-sealing bag or other secure container
*K100405 Grain Collage - neatly cut and paste pictures of grains, display in a collage
*K100406 Dairy Tasting Party - complete Dairy Tasting Party form from manual (pg. 17). May be copied or cut from manual
*K100407 Protein Collage - neatly cut and paste pictures of protein sources and foods, display in collage
*K100408 Healthy Snack - four cookies, bars, muffins, etc., on a paper plate or at least 1 cup of mix. (Ex: snack mix made from cereal base, no bake or simple cookie or granola bar)
*K100409 Photography Display - showing people cooking and/or eating
*K100410 My Choice

MAKING HEALTHY FOOD CHOICES

- *K100420 What's on Your Plate? Food Collage
*K100421 Be a Fat Detector
*K100422 Veggie Art Prints
*K100423 Healthy Plates

SAFE AT HOME

- *K100430 Fire Escape Plan - a poster or drawing of your home showing two exits. Using arrows from each room showing how family members would exit during emergency
- *K100431 Emergency Telephone Poster - a poster showing the different emergency phone numbers you should have posted near your telephone

FOOD FUN

- *K100440 Trail/Snack Mix
- *K100441 Cookie - 4 on a plate
- *K100442 Biscuits
- *K100443 Decorated Cookie or Cupcake

LOOKING YOUR BEST

- *K100450 Personalized Toothbrush
- *K100451 Personal Hygiene Collage
- *K100452 Daily Grooming Habits Chart (filled in by exhibitor)

FALL FESTIVAL: A HARVEST OF FUN

- *K100460 Seeds for Snacks
- *K100461 Squash Zoo Animals
- *K100462 Miniature Garden or Windowsill Garden
- *K100463 Play Dough Pumpkins

ENVIRONMENTAL AND EARTH SCIENCE - DIVISION 5 NATURE FUN

- *K100500 Nature Color Match Poster
- *K100501 Leaf Rubbings
- *K100502 Natural Images

THE PROBLEM OF POLLUTION

- *K100510 Environmental Diorama
- *K100511 Create a Bumper Sticker

HELPING OUR ENVIRONMENT: REDUCE, REUSE, AND RECYCLE

- *K100520 Making Recycled Paper
- *K100521 Make a Recycled Notepad
- *K100522 Recycled Greeting Card
- *K100523 Recycling Mobile

DIGGING THOSE DINOSAURS

- *K100530 Fossil Fun
- *K100531 Dinosaur Discovery Poster with Picture & Story

HABITATS ARE HOMES

- *K100540 Making Your Own Habitat
- *K100541 Making a Bird Feeder

WILDLIFE

- *K100550 Wildlife Collage
- *K100551 Foodchain Poster
- *K100552 Ecosystem Fun

PERSONAL DEVELOPMENT - DIVISION 6 MY FEELINGS

- *K100600 Stress Ball Balloons
- *K100601 Show Your Feelings - in Art!

- *K100602 Family Collage

I AM SPECIAL

- *K100610 One of a Kind: Finger Print Investigation - a minimum of 3 different people's fingerprints
- *K100611 Fingerprint Family Poster
- *K100612 All About Me Poster
- *K100613 Good Things About Me Chain
- *K100614 Me Puppet
- *K100615 Name Plate

FAMILY CELEBRATIONS AROUND THE WORLD

- *K100620 Mexican Pinata - no candy
- *K100621 Map of a Country - create a poster, draw, color and/or include additional information of their choice with the picture. The poster needs to be labeled with the name of the country, capital, and one major city.
- *K100622 Recipe Card - include a 4"x6" card with a recipe from any country discussed in the manual.
- *K100623 Japanese Special Kite - should be no larger than 8 1/2"x11"
- *K100624 Photography Display - photos of family member or celebrations
- *K100625 Chinese New Year Drum
- *K100626 Japanese Cherry Blossoms
- *K100627 Olympic Flag Garland
- *K100628 Cinco de Mayo Maracas
- *K100629 Ghana Cultured Paper Weaving
- *K100630 Friendship Tree
- *K100631 Design a Club Flag
- *K100632 My Choice

VALUING FAMILY

- *K100640 Family Flower Poster
- *K100641 Family Album or Scrapbook
- *K100642 Thumbprint Family Tree

BUILDING CHARACTER

- *K100650 People I Can Trust Poster
- *K100651 What I Want to be When I Grow Up Poster

CITIZENSHIP AND CIVIC EDUCATION - DIVISION 7 HEART TO HEART: CELEBRATING VALENTINE'S DAY WITH SENIOR LIVING CENTER RESIDENTS

- *K100700 Valentine Favors
- *K100701 Decorated Sugar Cookies
- *K100702 Pop-Up Valentine Cards

FOOD DRIVE: JUMPING JACK-ATHON

- *K100710 Thank You Notes
- *K100711 Collecting Food Donations - include a copy of the pledge sheet and a photo of food donations

OUR FLAG

- *K100720 Make Your Own "Old Glory"

RULES AND REASONS FOR ALL SEASONS

- *K100730 Responsibility Calendar

OUR COUNTRY

- *K100740 Country Cut Out
- *K100741 USA Collage
- *K100742 The Bald Eagle - Our National Symbol

DEMOCRACY, VOTING, AND YOU

- *K100750 The Statue of Liberty
- *K100751 Campaign Poster
- *K100752 Elected Officials in Our Community - create a poster highlighting one elected official in your community

CONSUMERISM AND FAMILY SCIENCE - DIVISION 8 MANAGING TIME

- *K100800 Paper Plate Clocks

BE SMART WITH MONEY

- *K100810 Needs & Wants Collage
- *K100811 Product Comparison Poster
- *K100812 Saving for a Rainy Day - make your own piggy bank

TELEVISION: MAKING A CHOICE

- *K100820 Cartoon Creations - make a flipbook
- *K100821 Make Your Own Television
- *K100822 Planning TV Time - T.V. menu

MALL MANIA AND THE SHARPER SHOPPER

- *K100830 Advertising Collage
- *K100831 Labels, Labels Everywhere - design a label for a food product

WEAVING & DYING

- *K100840 Paper Weaving
- *K100841 Textile Weaving
- *K100842 Natural Dyed Article
- *K100843 Tie-Dyed Article
- *K100844 Dyed Article
- *K100845 Paper Quilt or Clothes
- *K100846 Clover Kid Banner

STITCH IT UP

- *K100850 Yo-Yo Pin
- *K100851 Pin Cushion Jar
- *K100852 Getting to Know a Sewing Machine Worksheet
- *K100853 Stitching a Straight Line
- *K100854 Knots - on a 4"x6" card, mount a knot that you have tied
- *K100855 Basting Sample - on 4"x6" card, mount a sample of your machine basting
- *K100856 Whip Stitch Sample - on 4"x6" card, mount a sample of your whip stitch
- *K100857 Needle Book - made from the pattern using felt found on the Gage County Extension website: gage.unl.edu
- *K100858 Pillow - (pg. 206 in manual)
- *K100859 Decorated Garment

PLANTS AND ANIMALS - DIVISION 9 PETS/FARM ANIMALS

- *K100900 Create a Pet
- *K100901 Pet/Animal Care Kit
- *K100902 My Farm Animals Poster - draw a picture of one or more farm animals you have learned about through this project on 8 1/2"x11" paper

OUR FEATHERED FRIENDS

- *K100910 Pinecone Bird Feeder
- *K100911 Cardinal Collage
- *K100912 Where They Live - make a bird nest
- *K100913 Feeding the Birds

SUPER SEED FUN

- *K100920 Seed Mosaic
- *K100921 Seed Sprouts
- *K100922 Fruity Prints
- *K100923 Leaf Collection

ART ANTICS

- *K100930 Ant ANTatomy
- *K100931 Ant Artists
- *K100932 Our Very Own Ant Farm

BUGS, BUTTERFLIES, WORMS & SPIDERS

- *K100940 Bug Collection (in a jar)
- *K100941 Egg Carton Caterpillars
- *K100942 Make Your Own Butterfly
- *K100943 Designer Bugs

PLANT SCIENCE

- *K100950 Vegetable Grown in Your Garden (1)
- *K100951 Flower Grown in Your Garden (1)

MISCELLANEOUS EXHIBIT - DIVISION 10

- *K100100 Miscellaneous Exhibit
- *K100102 Clover Camp/Workshop Exhibit
- *K100103 Exhibit completed at a 4-H Club Meeting

DEPARTMENT 46

FFA EXHIBITS

Online Pre-Entry Deadline: July 15

Trophies, Awards, and Sponsors

Tri County FFA Alumni & Supporters - Champion & Reserve Champion Awards

Projects entered shall be the direct result of Ag-Education and constructed primarily under the supervision of the Ag-Ed instructor. The student entering the project will have had at least 75% of the construction responsibility for the project.

General directions for this division: **Online entry deadline, July 15; gage.fairwire.com.** Pick up entry tags at Extension Office prior to entering exhibits. Attach two (2) tags to each exhibit.

FFA PROJECT INFORMATION

Exhibitors must enter exhibits Monday, July 25, 5:00 pm-8:00 pm or Tuesday, July 26, 10:00 am-2:00 pm, 4-H Inc. Building. Exhibits must conform to directions in each class.

Incorrect or incomplete entries will be lowered one ribbon placing. Limit one exhibit per class per exhibitor unless otherwise stated. Label each exhibit with Exhibitor's name and chapter on back or bottom.

Attach project plans and bill of materials in clear cover to exhibit.

Exhibits released Sunday, July 31, 7:00 pm. No premium money given if exhibits are removed before deadline. Remaining exhibits should be picked up Monday, August 1.

AG MECHANICS - DIVISION 1

Premium Category 2

UTILITY

To include items/tools used in or about the Ag Mechanics facility.

FFA0101 Large Items - (wagons, trailers)

FFA0102 Medium Items - (carts, welding tables, presses, engine hoists, engine stands)

FFA0103 Small Items - (splash blocks, tool boxes, foot scrapers, stools, car ramps, jack stands)

PRODUCTION

To include items/tools used in crop or livestock production.

FFA0105 Large Items - (loading chute, bale carrier, hog carrier)

FFA0106 Medium Items - (stock panels, sheep blocker)

FFA0107 Small Items - (post driver, post puller, troughs)

POWER

To include items/tools which incorporate an electric, hydraulic, and/or fuel motor as a power source to perform a function. (Equipment must be prepared for display in the power category.)

FFA0108 Large Items - (ex. large sprayers)

FFA0109 Medium Items - (ex. log splitter)

FFA0110 Small Items - (ex. small sprayer)

WELDING - DIVISION 2

Premium Category 6

Each display board shall be 18" x 24" x 3/8".

Welding boards shall identify: 1) kind of weld; 2) position; 3) amperage; 4) electrode size; 5) AWS number; and 6) thickness or dimension of metal.

A total of 8 welds is recommended for welding boards. They are:

Flat position	Butt, Lap, T-fillet, Pipe on Flat
Horiz. position	Butt, Lap, T-fillet
Vert. position	Butt, Lap, T-fillet

Welds shall be attached so all sides are available for evaluation. No specific welds are required; however, welds must differ from one another by at least position, electrode size,

AWS number, thickness of metal, or kind of weld.

FFA0201 ARC

FFA0202 MIG/TIG

FFA0203 O/A Fusion, Brazing

CROPS - DIVISION 3

Premium Category 6

Grain should be entered in a 4-quart plastic ice cream bucket with lid (or suitable

substitute). Each sample of grain shall be 2 quarts.

Grain will be judged on: 1) Color; 2) Uniformity; 3) Purity; 4) Soundness (cracked or sprouted kernels).

Each exhibitor must have or had a crop project during the current or preceding year.

Please note that stalks of corn will be shown without roots.

Grain or Plant Exhibits: A two page (maximum) essay must accompany grain and plant exhibits. The essay must include the exhibitors name and address, chapter, 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. 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 decisions on 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. Essay counts as 50% of the score. Essay must be the original work of the exhibitor. Attach essay to the entry in a clear plastic cover 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.

FFA0301 Grain Sorghum, Previous Fall

FFA0302 Grain Sorghum (10 heads-10" sheath of Heads), Current Year, Wrapped or Tied

FFA0303 Shelled Yellow Corn, Previous Fall

FFA0304 Ears of Corn, Yellow (10 ears), Current Year

FFA0305 Soybeans, Previous Fall

FFA0306 Soybeans Plants (6 stalks cut at ground level), Current Year, Wrapped or Tied

FFA0307 Other, Wrapped or Tied

RANGE BOARDS - DIVISION 4

Premium Category 6

All Range Boards shall be 36" x 36" & 3/8" thick. Mounted range plants excluding invader plants must be on the list of important range plants (Table #1, Range Judging Handbook for Nebraska, EC 150 rev. 7/16). Mounted range plants must include roots, stem, and head. The Board shall not be covered by a plastic material.

Each range plant shall be identified as follows: common name, scientific name, forage value, season of growth, and life span. Display boards should have at least 15 range plants.

FFA0401 Range Board Junior Class (Junior High, Freshmen, Sophomores)

FFA0402 Range Board Senior Class (Juniors, Seniors, Out of School)

Supporting outstanding youth in our community.

The Gage County Fair board recognizes the hard work, dedication and financial obligation of the 4-H and FFA members and appreciates the exhibition of their animals at our fair. It is our wish, with the help of the community, to reward them for their efforts.

Call the Fair Office at 402-223-3247 to receive a flier with complete details of how to register to become a buyer or sponsor. A barbecue will be held immediately following the Premium Auction for our buyers and exhibitors.

Sunday, July 31, 2022
Main Livestock Barn

2:00 PM - Parade of Champions

3:00 PM - Auction

MARKET LIVESTOCK Premium AUCTION



IMPORTANT Information

TICKETS Purchase tickets online at www.gagecountyfair.com or at the Fair Office

Wednesday, July 27th, 7pm | Tuff N Nuff Rodeo *
\$10 Adults • \$5 Children 6-11 • Children 5 and under FREE

Thursday, July 28th, 7pm | Tuff N Nuff Rodeo *
\$10 Adults • \$5 Children 6-11 • Children 5 and under FREE

Friday, July 29th, 7:30 pm | IMCA Races
\$15 Adults • \$10 Children 6-11 • Children 5 and under FREE

Saturday, July 30th, 7pm | Eve of Destruction
\$20 All Ages

Sunday, July 31st, 5pm | Nebraska Bush Pullers Tractor Pull
\$10 Ages 12+, Children 11 and under FREE

PARKING Purchase Parking Passes at the Fair Office or front gate.

5 day car pass : \$5

Handicap Pass: \$5 (must show valid Handicapped License to purchase)

Commercial Exhibitor Pass: \$15 (available at Fair Office only)

Barn Pass: \$15

4-H and FFA exhibitors who have livestock on the grounds may purchase one (1) pass per family at the Extension Office from June 24 through July 27 (5 pm) at half price; additional passes must be purchased at full price.

CAMPING

5 day camping • 30 amp hookups: \$125

5 day camping • 50 amp hookups: \$150

* For full camping information go to www.gagecountyfair.com or call 402.223-FAIR (3247).



**DUSTY
BOOT
DEAL!**

Get two nights
of the Tuff N Nuff Rodeo
Adults | \$15
Children 6-11 | \$7.50

FRIENDS

of the Fair

2022 Sponsors

Beatrice Community Hospital
and Health Center

Beatrice Concrete

Bomgaars

Building Tech, Inc.

Carol Schulz, Woods Bros. Realty

Clabaugh Pharmacy

Diode Communications

Echo Electric Supply

Exmark

Farm Cooperative

Farm Credit Services of America

First State Bank Nebraska

First National Bank of Omaha

Kinney Manufacturing

Koch Fertilizer

Lineweber Dirtwork

Leo Jewelers

Mark Steinbruck

Members Own Credit Union

Midwest Livestock

Neapco

Nebraska Crop Insurance Agency, Inc.

Pinnacle Bank

Premiere Chevy Buick GMC

Security First Bank

Schafer, Davis, Smith LLC

State Bank of Odell

Greg and Ruth Wells

Worldlawn Power Equipment

Wrightsman Plumbing,
Heating, and Cooling

www.gagecountyfair.com or call 402-223-FAIR (3247)

Thank You!