

NEBRASKA STATE FAIR - PREMIER 4-H SCIENCE AWARD

OBJECTIVE: Recognize 4-H youth static exhibits incorporating or demonstrating concepts from the areas of 4-H Science (science, technology, engineering, or applied math) at the Nebraska State Fair.

CURRICULUM AREAS TARGETED:

- ANIMAL SCIENCE - Veterinary Science
- COMMUNICATIONS & EXPRESSIVE ARTS – Consumer Management, Fiber Arts (Quilt Quest), Heritage, Human Development,
- ENVIRONMENTAL EDUCATION & EARTH SCIENCE – Conservation/Wildlife, Entomology, Forestry, Range, Weed Science
- HEALTHY LIFESTYLES – Food & Nutrition, Physical Fitness, Safety
- LEADERSHIP & CITIZENSHIP – Citizenship
- PLANT SCIENCE – Crop Production, Horticulture, Weed Science
- SCIENCE, ENGINEERING & TECHNOLOGY – Aerospace, Computers, Electricity, Robotics, Welding, Wind Energy, Woodworking

EXHIBIT ENTRY: Exhibits must be "Selected for State Fair" to be eligible for this additional entry opportunity. Youth will identify ONE exhibit to be considered for the Premier 4-H Science Award. The Premier 4-H Science Award Application must be submitted along with a photograph of the exhibit to the Nebraska Extension Office in Dodge County by the state fair entry deadline. The photograph will not be used for judging, only to locate it at the State Fair should we need additional information. The Nebraska Extension Office will enter exhibit into its original State Fair class and the Premier 4-H Science Award class (H101001). Only ONE exhibit per youth will be eligible for the Premier 4-H Science Award.

JUDGING: Members of the 4-H Science work-group will serve as judges for the award. Scoring is based on (1) Exhibit demonstrates **science/ engineering/ technology/ applied math** concept or design; (2) Application of Scientific Process; (3) Youth adopted and/or used new methods or improved technology to create exhibit or as part of the exhibit; and (4) Career Connection. Exhibits which do not have a completed application or photograph can be disqualified at the discretion of the judge.

RECOGNITION:

- All projects entered in this class will be recognized with a certificate attached to the original exhibit. Exhibits will be displayed within their original class.
- Up to 20 top 4-H Science exhibits will be chosen from all curriculum areas and will receive a \$100 cash award sponsored by the Nebraska 4-H Foundation.

ANIMAL SCIENCE

CHECK IN:

Tuesday, August 2, 2016 from 6:00 - 8:00 p.m.
& Wednesday, August 3, 2016 from 7:30 – 9:00 a.m.

JUDGING TIME:

Wednesday, August 3, 2016 beginning at 9:30 a.m. (closed to public)

PREMIUMS:

Purple \$2.00; Blue \$1.50; Red \$1.00; White \$0.50

VETERINARY SCIENCE

STATE FAIR ENTRIES:

Premier 4-H Science Award is available in this area.

VETERINARY GUIDELINES

- The purpose of the Veterinary Science display is to inform the public regarding a common health problem of animals or a veterinary principle. Do not confuse veterinary science exhibit topics with animal husbandry or production topics.
- A Veterinary Science exhibit may consist of a poster or a display. The exhibit may represent material from exhibitors enrolled in Animal Disease or Animal Health.
- If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone. Graphic photographs of excessive bleeding, trauma or painful procedures are not appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, use of drapes, use of sterile procedures, wearing of gloves, and other appropriate veterinary medical practices.
- First-Aid Kits: Because of public safety concerns and risk of theft of first-aid kits contents (veterinary drugs/equipment) with perceived potential for drug abuse, **NO ANIMAL FIRST AID KITS WILL BE PERMITTED.** Animal first aid kits submitted will be immediately disqualified and not shown.
- Veterinary Science Posters: This exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22" x 28" and may be either vertical or horizontal.
- Veterinary Science Displays: A display may include but is not limited to: a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on ¼" plywood or equivalent that does not exceed 24" high or 32" wide.
- Appropriate Veterinary Science Topics:
 - ✓ Maintaining health
 - ✓ Specific disease information
 - ✓ Photographic display of normal and abnormal characteristics of animals
 - ✓ Animal health or safety
 - ✓ Public health or safety
 - ✓ Proper animal management to ensure food safety & quality

- ✓ Efficient and safe livestock working facilities
- ✓ Or a topic of the exhibitors choosing related to veterinary medicine or veterinary science

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

DEPT. H / DIV. 840 VETERINARY SCIENCE

- Class 1 4-H Veterinary Science Large Animal Poster or Display
Class 2 4-H Veterinary Science Small Animal/Pet Poster or Display

COMMUNICATIONS & EXPRESSIVE ARTS

CHECK IN:

Tuesday, August 2, 2016 from 6:00 - 8:00 p.m.
& Wednesday, August 3, 2016 from 7:30 – 9:00 a.m.

JUDGING TIME:

Wednesday, August 3, 2016 beginning at 9:30 a.m. (closed to public)

PREMIUMS:

Purple \$2.00; Blue \$1.50; Red \$1.00; White \$0.50

COMMUNICATIONS

DEPT. B / DIV. 154

Educational resources for youth taking the Express Yourself project can be found at <http://4h.unl.edu/4hcurriculum/communication>
For each of the below classes, create an educational exhibit (exhibit a poster 14"x22", an essay 3-5 pages, a video 1-3 minutes or small display of educational nature that displays the information requested.

EXPRESS YOURSELF!

Picking Up the Pieces

Not Eligible for State Fair)

- Class 901 - Symbol Scrapbook - Photograph 10 symbols and include in a scrapbook that shares where the symbol was observed, what this symbol communicates, and other places where this symbol might be observed.
- Class 902 - Storyboard a 4-H Project - Create a storyboard that explains the steps that were completed from the beginning to the end of a 4-H project that was previously completed in another area.
- Class 903 - Communications Game - Create a quiz game for your family or 4-H club members by selecting topic categories, writing and answering questions within these categories, and assigning point values to each question. Place this information on 3"x5" index cards and display quiz game on a poster board. Explain how this game could be used and its purpose.
- Class 904 - Caring Correspondence - Create a formal or an informal letter, e-mail, or note that shows how much you care, such as a letter of appreciation, a thank you note, or a friendship card.

Putting It Together

- Class 1 Me As a Mentor - Serve as a mentor for a younger person in your family, school, church, club, library, or community. Keep an Activity Log of what you and your mentee do together and how you communicate. Create an exhibit that includes the Activity Log, your thoughts about the relationship you have developed with the young person, and how you plan to support him/her in the future.

- Class 2 4-H Community Service Press Release - Write and distribute a press release about a recent or upcoming community service project completed by you or your 4-H club to your local media (newspaper, radio station, community newsletter, etc.) Create an exhibit that includes the press release, an example of how the media distributed the information in the press release, a summary about your experiences in writing and distributing the press release, and how you can use press releases to share information about future community service projects.

The Perfect Fit

- Class 3 My Political Platform – Select a 4-H, school, or community office that is of interest to you. Research the responsibilities related to the office and determine what public issues and needs are currently being addressed. Use this information to help you outline a possible platform if you were to run for the office. Create an exhibit that shares what you found through your research, the possible platform you would use, why you chose the issues that are focused on in your platform, and how you would share this platform with voters.
- Class 4 Current Event Interview - Select a current event in your community, county, state, or country. Select five people who are different from each other (age, gender, nationality, economic standing, etc.) and interview them about their thoughts, reactions, and opinions toward the current event. Create an exhibit that describes the similarities and differences of their views about the current event also share what you learned by completing the interviews.

CAREER EXPLORATION

- Class 5 Career Exploration Experience – Complete a career exploration experience (job shadowing, interview, mentor experience, etc.) For a potential career field that is of interest to you. Create an exhibit that displays what you learned, the skills required for the career, the type of demand there is for the career, and how you could prepare yourself to someday find a career in this field.
- Class 6 Non-Profit Advertisement Design - Locate a non-profit organization in your community. Interview those who work, volunteer, and use the services of the organization to learn what they would like others to know about the organization. Design an advertisement tool (flyer, brochure, poster, video, display, web page, etc.) that can be used by the organization. Create an exhibit that includes the advertisement design, how it could be used by the organization, and how it will relate to those who view it.