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, July 28, 2015 from 6:00 - 8:00 p.m.

& Wednesday, July 29, 2015 from 7:30 – 9:00 a.m.

JUDGING TIME:

Wednesday, July 29, 2015 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 any of the Veterinary Science projects including entry level exhibits from Unit I.
- 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