

# 4-H & FFA

## 4-H & FFA Static Department

*Superintendents: Youth Committee*

### GENERAL RULES & REGULATIONS

This department is open to youth who are participating in 4-H Youth Development Programs conducted by Iowa State University Extension and Outreach. All exhibitors are responsible to read and comply with the Fremont County 4-H General Exhibit Rules, 4-H General Rules and Regulations, and all 4-H department exhibit class rules and regulations.

**THEME OF THE YEAR: To increase participation and creativity, the 4-H Youth Committee has established a “Theme of the Year” for static exhibits. 4-H, Clover Kids and FFA projects are eligible. The 2022 theme is PARTY ‘TIL THE COWS COME HOME. Projects that correspond with this theme will receive special recognition.**

### SCIENCE, ENGINEERING & TECHNOLOGY

1. Exhibitors entered in the 4-H Science, Engineering & Technology classes may not enter in similar FFA Ag Mechanics classes and vice-versa.
  - A. MECHANICS
    - a) Any exhibit that shows skills or learning in automotive, electrical, small and large engines, tractors, welding, and restoration.
  - B. AUTOMOTIVE
    - a) An exhibit featuring a repaired or restored vehicle.
  - C. AUTOMOTIVE – EDUCATIONAL DISPLAY
    - a) Educational display showing learning about an automotive idea including automotive maintenance, auto operations, auto safety, or automotive systems.
  - D. ELECTRIC
    - a) A Constructed or repaired article or educational display that shows skills or learning about electric wiring, appliances, lighting, electrical energy sources, safety, etc.
  - E. SMALL ENGINE
    - a) Repaired or restored operating engine or educational display or other type exhibit that shows skills or learning about small engines.
    - b) This class includes repaired or restored lawn tractors, small motorcycles, go-karts, etc.
  - F. TRACTOR
    - a) A repaired or restored tractor.
  - G. TRACTOR – EDUCATIONAL DISPLAY
    - a) Educational display showing learning related to tractors, tractor mechanics, tractor operations, or tractor safety.

#### H. WELDING

- a) Exhibit featuring constructed item or educational display that shows skills or learning about welding.

#### I. WOODWORKING

- a) Any exhibit that shows learning about wood, woodworking techniques, and safe uses of woodworking tools and machines.
- b) Exhibits may include newly constructed or refinished/reclaimed/restored wood items.
- c) Large outdoor items may be displayed outside.

#### J. SCIENCE, ENGINEERING & TECHNOLOGY

- a) Any exhibit that shows learning about or helps explain how science and technology help us interact with the world.
- b) Topics include aerospace, biological and chemical sciences, computers & networking, earth & climate, geospatial mapping (GPS/GIS), robotics, or any other application of Science, Engineering, or Technology.

#### K. AEROSPACE

- a) An educational display or other exhibit (including flying models) showing learning about an aerospace idea or topic.

#### L. ROBOTICS

- a) An educational display or other exhibit (including working robots) that shows learning about robotics and robotic systems.

#### STATIC SCIENCE, ENGINEERING & TECHNOLOGY CLASSES

- *Mechanics*
- *Automotive*
- *Electric*
- *Small Engine*
- *Tractor*
- *Welding*
- *Woodworking*
- *Science, Engineering & Technology*
- *Aerospace*
- *Robotics*