

## **SECTION 4312 – 4-H ROCKETRY**

- Posters must be 14" x 22". Exhibitors are encouraged to heat laminate all posters or cover them with clear plastic film. Display boards should be limited to a maximum of 2' x 3' and must have a single 1/4" hole drilled at the top center of board to allow for display. **NO LIVE ROCKET ENGINES WILL BE ALLOWED IN ANY EXHIBIT.** Text of posters and displays should be readable from at least 10 ft.
- Homemade rockets could be dangerous to fly.
- Model rockets, posters and displays should be permanently signed and dated in an inconspicuous location. If not marked the judging committee may mark or punch exhibit.
- Attach a 3"x5" index card attached to the rocket, explaining:
  - Construction material, how constructed, and goal of project
  - Year in project
  - Grade of member
  - Whether or not made from kit
  - Other pertinent information
- A county can enter only one exhibit in each class. 4-H members can enter only one exhibit in each class.
- **Awards:** Ribbons will be placed to top 10 in each class.
  
- Junior Division (Grades 3-7)
  1. Poster showing the parts of a model rocket, with an explanation of the purpose of each part.
  2. Poster explaining the function of the model rocket engine.
  3. Poster showing one or more points from model rocketry safety code.
  4. Model Rocket made from a kit. Must be safe and functional for flight.
  5. Model Rocket designed and built by exhibitor. Must be safe and functional for flight. (These rockets include water rockets, air power rockets, or any rocket built without a commercial kit.)
  6. Poster on any other topic pertaining to rocketry. (Examples: History of Rocketry, NASA Rockets, Commercial Rockets, Recent Rocket Launches, Purpose of Rockets, Rocket designs, etc.)

### **Senior Division (Grades 8-12)**

7. Poster or display showing the parts of a model rocket, with an explanation of the purpose of each part.
8. Poster or display explaining the function of the model rocket engine.
9. Poster or display showing one or more points from model rocketry safety code.
10. Model Rocket made from a kit. Must be safe and functional for flight.
11. Model Rocket designed and built by exhibitor. Must be safe and functional for flight. (These rockets include water rockets, air power rockets, or any rocket built without a commercial kit.)
12. Poster on any other topic pertaining to rocketry. (Examples: History of Rocketry, NASA Rockets, Commercial Rockets, Recent Rocket Launches, Purpose of Rockets, Rocket designs, etc.)