Rocketry Fly Day

- The contest is open to members who are enrolled in the Model Rocketry project and have qualified through their county rocket fly day contest.
- This contest will consist of the following events:
  - Written Exam
  - Parts Identification
  - Rocket Launching and Safety
- Written Exam
  - Determines the contestant’s understanding of model rocketry design, construction, and operation.
  - Questions are taken from information found in the Colorado 4-H Model Rocketry Manuals.
  - Question format will be true/false and multiple choice.
  - Junior division questions will be based on knowledge and skills associated with rockets in levels one through three.
  - Senior division questions will be based on the knowledge and skills associated with rockets up to and including level 6.
- Parts Identification and Function
  - Contestants will demonstrate their knowledge of model rocket parts and related equipment.
  - Contestants will demonstrate their knowledge of model rockets functions (senior division only).
- Rocketry members must bring their own rocket but launching equipment will be furnished.
- Each contestant will be required to launch their rocket twice.
- Recovery system must use parachutes and be launched with First Flight Engines Only.

#InspireKidsToDo
Rocketry Fly Day

Tips:

- The event will be judged on:
  - Construction
  - Flight Stability
  - Range Safety
  - Chute Deployment,
  - Landing.

- Rockets must be painted.
- Rockets must be checked in with the color panel from the kit which indicates engine size, or from a catalog with proof of skill level and recommended first flight engine.
- Rockets entered in State Fair judging may not be used for Rocket Fly Day competition.

Resources:

- Rockety Fly Day Contest Requirements
- Contest Judging Score Sheet
- What to Expect at the State Fair Rocket Fly Day Contest
- Located at: Colorado4h.org