



Colorado State University
EXTENSION

Douglas County

4-H Rocket Fly Day



This 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, and rocket launching and safety.

Written Exam

The purpose of the written examination is to determine 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. Senior division questions will be based on the knowledge and skills associated with rockets up to and including level 6. Junior division questions will be based on knowledge and skills associated with rockets in levels one through three.

Parts Identification and Function

Contestants will demonstrate their knowledge of; model rocket parts and related equipment, and model rockets functions (senior division only).

Rocketry members are asked to bring their own rocket. Launching equipment will be furnished by State 4-H Office. Each contestant will be required to launch their rocket twice (time and weather permitting). Recovery system must be parachutes.

Rockets must be launched with First Flight Engines Only.

Resources and Links

- Rocketry Fly Day Contest Requirements
- Contest Judging Score Sheet
- What to Expect at the State Fair Rocket Fly Day Contest



Event will be judged on
construction, flight stability,
range safety, chute
deployment and landing.