

503 – ROCKETS AWAY (Solid-Fuel Model Rockets)

General 4-H Project

- ✿ For project COMPLETION and GRADE, Member MUST participate in either:
 1. **County 4-H Project Judging Day** – Ross County Fairgrounds
Member is eligible for County Awards (Judges' Choice, Outstanding, Honorable Mention) and State Fair Selection (if applicable)
 2. **Early 4-H Project Judging** – Ross County Service Center
Members unable to attend County Project Judging Day should plan to attend Early Judging. Member is eligible for County Rosettes (Outstanding, Honorable Mention).
** Exception for State Fair selection at Early Judging - If there is only one member judged in a project, then the judge has the option to select a state fair representative.*
- ✿ Complete "Thank You" note activity (see copy of instruction sheet included in your project book)
- ✿ To receive Fair Premiums, your project must be displayed at the Ross County Fair in a Jr. Fair Building booth.
- ✿ **For Project Judging Dates & Times & Details:**
ASK your Club Advisor
READ the *May Family HOTLINE* sent to every 4-H family
LOOK on the 4-H App or website <http://ross.osu.edu>

Skill Level: Beginning (ages 8-10)

Project Completion:

1. All 3 interest areas
2. At least 2 learning experiences
3. At least 2 leadership/citizenship activities
4. Build and launch a solid-fuel model rocket from a kit
5. Prepare an educational exhibit based on this project (item made from project book, photo exhibit, notebook, scrapbook or poster (minimum 14" x 22" and maximum 22" x 28")).
 - a. Example: The rocket you built with all the parts labeled with all the parts labeled
 - b. Example: Poster showing photos of your rocket launch area, flight data, and results of launches
 - c. Be imaginative!

Judging:

1. Interview based on skills learned, activities completed and educational exhibit.
2. Bring to interview on General 4-H Project Judging Day:
 - a. Completed project book
 - b. Completed educational exhibit
 - c. The Solid-Fuel Rocket you built

County Fair Exhibit:

An educational exhibit relating to project work displayed in a fair booth.

State Fair Competition:

1. State Fair participants will be selected during county-level competition on 4-H Project Judging Day.
2. Event: STEM Day
Completed project book, display, and interview.
**Display should be limited in size to what the participant can maneuver on his/her own*

Additional Resources: *Endorsement of these products by Ohio State University is neither intended nor implied.*

Aquaport II Water Rocket Launcher
EZ-Launch Pop Bottle Launcher
Astronomy Picture of the Day

pitsco.com
ez-launch.com
<https://apod.nasa.gov/apod/astropix.html>

