

## **503 ROCKETS AWAY! (Solid Fuel Model Rockets)**

### **Project Description**

Study the science of rocketry through a variety of hands-on experiments for all ages. Members conclude this project by launching a solid-fuel model rocket built from a kit only, no scratch building.

### **To Complete the Project**

1. Complete the "Planning Your Project" section of the project book.
2. Explore all of the interest areas. Complete all of the activities.
3. Construct and launch an "Estes-type" rocket. At least 4 launches must be recorded in the Flight Data section on pages 19-22.
4. Take part in at least 2 organized project activities and at least 2 citizenship/leadership activities.
5. Take part in 4-H project judging. If you choose not to participate in judging, plan to discuss and review completion of your project with your 4-H Advisor.

### **Judging of this Project**

Interview judging for this project will be on Non-Livestock judging day at the Jr. Fair building. Please refer to the 4-H calendar for judging dates.

\*Requirements for Judging:

1. Completed project book.
2. Display of something learned in the project.

### **Project Display**

Prepare a display that shows the judge and fair visitors what you learned and accomplished in your project. For example, something you made, visuals or other items used to complete project activities, or a poster to share learned information.

**Your project book cannot serve as your project display.**

### **Display Areas**

At the Wood County Fair, your 4-H project will be displayed in the Wood County Jr. Fair building in your 4-H Club assigned booth.

### **Project Pick-Up**

You must pick up your project display at the end of the fair or arrange for someone to get it for you. Please refer to the Wood County Fair book or the 4-H Newsletter for project release times.

Projects not picked up by 3:00 p.m. on the last day of the fair will be disposed of.

**\*Ohio State Fair Project**