

## **502 – SCIENCE FUN WITH FLIGHT**

### **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.*
- ✿ **NEW 2023:** 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>

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**Skill Level:** Beginning

#### **Completion:**

1. All 7 interest areas
2. At least 2 learning experiences
3. At least 2 leadership/citizenship activities
4. Build a glider or flyer, or a plastic model airplane or jet
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: Experimental Glider (pg. 20). Create a poster with results and photos of experiment.
  - b. Example: The glider, flyer or airplane you built with all the parts labeled.
  - 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 glider, flyer, or airplane 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	<a href="http://pitsco.com">pitsco.com</a>
EZ-Launch Pop Bottle Launcher	<a href="http://ez-launch.com">ez-launch.com</a>
Astronomy Picture of the Day	<a href="https://apod.nasa.gov/apod/astropix.html">https://apod.nasa.gov/apod/astropix.html</a>
OSU Science Alive & "Design Zone" game	<a href="http://www.ohio4h.org/sciencealive/rocketsaway.html">http://www.ohio4h.org/sciencealive/rocketsaway.html</a>

