#502 – SCIENCE FUN WITH FLIGHT

General 4-H Project

* Member MUST participate in County Project/Interview Judging or 4-H Project will be INCOMPLETE.
* Member must attend General 4-H Project Judging Day to be eligible for County Placement and State Fair Selection (if applicable).
* If the member cannot make Project Judging, your project can be judged at Early Judging. However, Early Judging participants will not qualify for County Placement or State Fair.
* Project must be displayed at the Ross County Fair to receive fair premiums.

**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 website [http://ross.osu.edu](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”).

**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 General 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:**
- [2-Liter Bottle Rocket Launchers](http://pitsco.com)
- Aquaport II Water Rocket Launcher – [pitsco.com](http://pitsco.com)
- Blast Away Launcher – [blastawaylauncher.com](http://blastawaylauncher.com)
- EZ-Launch Pop Bottle Launcher – [ez-launch.com](http://ez-launch.com)
- Bike Pump – [pitsco.com](http://pitsco.com)

**Other cool websites:**
- Astronomy at Franklin University – [https://www.fi.edu/space](https://www.fi.edu/space)
- OSU Science Alive site & Interactive “Design Zone” game – [http://www.ohio4h.org/sciencealive/rocketsaway.html](http://www.ohio4h.org/sciencealive/rocketsaway.html)