

# 2020 MODELS FACT SHEET

Ohio State University Extension  
Erie County 4-H  
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**Project Numbers**

- ✈ 501 - Rockets Away
- ✈ 502 - Fun with Flight
- ✈ 503 - Rockets Away (solid fuel type rocket)
- ✈ 503M – Solid-Fuel Rocketry Master
- 504 - Electric Radio Controlled Vehicles

**Evaluation Times & Places**

Projects will be judged **Tuesday**, July 21<sup>st</sup> after 5pm at the Erie Co. Fairgrounds. **Specific** judging times for each project will be posted on our website in July.

Announcement of results will begin after 7:00pm.

**Key Leader – Vacant. Know someone that would be good? Please let us know.**  
**Extension Educator Responsible - Angela Holmes**

**General Exhibit Requirements**

**Project check-in:** Bring your exhibit to the fairgrounds on Monday, August 10, 2020 between 5-8pm.

**Project check-out times are:**

Supervised - Sunday, August 16, 2020 from 7-8pm

Unsupervised - Sunday, August 16, 2020 from 8-9pm

Monday, August 17, 2020 during the day, after that projects will be at the Extension Office until September 18.

1. Completed project books and Member Project Guides are required at all judgings. If book and/or guidelines are not complete or not present, the letter grade will be lowered and the member is not eligible to place.
2. Appropriate attire for judging is required. Appearance should be neat, clean, and respectful. No shorts, tank tops, tube tops, halter tops, midriff tops, or low rise jeans should be worn for judging.
3. All projects displayed at the fair must be identified with name, age, and project. Display must be for the current year's project.
4. Junior division includes ages 13 and younger. Senior division includes ages 14 and older as of January 1 of that judging year. If numbers in a project warrant it, the junior class will be split to include a Beginner class.

✈ Designates projects that are eligible for the state fair, if member is selected.

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## MODELS

✈️ **501 Rockets Away** (2 Liter Bottle type) Bring completed project book and exhibit to judging. Exhibit can be a poster, or educational display not to exceed 30"x30"x30" relating to a topic in the project book or a learning experience. Your display can include a 2-liter bottle rocket.

✈️ **502 Fun with Flight** - Bring completed project book, glider or flyer and exhibit to judging. Follow and complete the project guidelines on page 2 of the book. The glider or flyer can be built from a kit or the exhibitors own plans. Exhibit can be a poster, or educational display not to exceed 30"x30"x30" relating to a topic in the project book or a learning experience. Fair exhibit should include the glider or flyer and the exhibit.

✈️ **503 Rockets Away** (solid fuel type rocket) Projects will be judged in either display or flown:

- **Display** - Rockets are built for display only. Bring project book to judging and be prepared to discuss rocketry and safety rules.
- **Flown**- Rockets have been shot off at least twice and repaired for exhibit. Be sure to bring launch sheets.

Bring completed project book and exhibit to judging. Exhibit can be a poster, or educational display not to exceed 30"x30"x30" relating to a topic in the project book or a learning experience. *Please note State Fair selection preferences is given to rockets that have been flown and repaired.*

✈️ **503M – Solid-Fuel Rocketry Master** – This project is for members who have completed 503 Rockets Away! In this project you will plan, design, fly and evaluate at least one solid-propellant model rocket. This should be different than from a kit. Bring completed project book and exhibit to judging. Exhibit can be a poster, or educational display not to exceed 30"x30"x30" showcasing your learning experience.

**504 Electric Radio Controlled Vehicles** - Bring completed project book, radio controlled vehicle with fully charged battery and exhibit to judging. Be sure to complete all ten activities on page 7 of the project book. Exhibit can be a poster, or educational display not to exceed 30"x30"x30" representing a learning experience from the project. Be prepared to drive your vehicle.

\*Junior Fair projects may not be sold on the fairgrounds except through the fair project auctions.  
For sale signs may not be posted on projects.