



# WAUPACA COUNTY 4-H MODEL ROCKET BUILDING AND LAUNCH SET FOR MAY 23!

Join Sandy Knoll 4-H Club Aerospace leader Garrett Knoespel for an in-person rocket meeting on Sunday, May 23<sup>rd</sup> at Poppy's Flying Acres in New London. Spend a couple hours building, learning, and launching a model **ROCKET** project. You will be working with super glue, sandpaper, modeling tools, physics and your fine motor skills. This fun activity has a total cost of \$13.00 per kit including: (rocket kit, glue, sandpaper, and 1X launch materials). Customization of rocket can be done at home by painting and decal placement in order to prepare your rocket for the fair!

**Sign up and submit your payment by April 23, 2021 to assure needed materials can be ordered and available the day of the program.**

There is a BEGINNER or INTERMEDIATE program option (see other page). The BEGINNER rocket program will start at 1:00. The start time for the INTERMEDIATE rocket program will be determined once we know the number of members signing up for the day. Watch your email for additional details after the registration deadline. This aerospace meeting is open to all Waupaca County 4-H Members, even if you are not enrolled in the Aerospace project. Only registered members and one adult per member can attend the meeting. All attendees will be required to follow 4-H Covid guidelines.

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## 4-H ROCKET BUILD AND LAUNCH REGISTRATION/ORDER FORM

To register, either click on the below google form link OR use this paper form.

Registration due by April 23, 2021.

Questions: email [penny.tank@wisc.edu](mailto:penny.tank@wisc.edu)

[https://docs.google.com/forms/d/e/1FAIpQLSejZ1rcUPWfFoKDvpChZ06BTBuv71b5\\_mICcFXWxgkQNeFoGQ/viewform?vc=0&c=0&w=1&flr=0](https://docs.google.com/forms/d/e/1FAIpQLSejZ1rcUPWfFoKDvpChZ06BTBuv71b5_mICcFXWxgkQNeFoGQ/viewform?vc=0&c=0&w=1&flr=0)

Name: \_\_\_\_\_ Grade (youth) \_\_\_\_\_

Parent Email: \_\_\_\_\_

Parent Phone Number (Preferably cell phone): \_\_\_\_\_

\_\_\_\_ Beginner Rocket Program @ \$13.00 \_\_\_\_  
\_\_\_\_ Intermediate Rocket Program @ \$13.00 \_\_\_\_

Total: \$ \_\_\_\_\_

Make checks payable to: Waupaca County 4-H Leaders' Association  
**Orders due by April 23, send this form and check to:**  
Extension Office, 811 Harding Street, Waupaca, WI 54981



## TWO SESSION OPTIONS:



### **BEGINNER PROGRAM** (1<sup>st</sup> time builders and all 5<sup>th</sup> grade and under members accompanied by an adult)

Build the exciting Tigres Model Rocket Kit. This kit provides the thrill of building and flying your own rocket with a soaring range up to eleven hundred feet and easy to understand instructions. This kit includes easy to assemble plastic fins and engine housing. The fun is only one build away!

Details:

- Length: 15 15/16"
- Diameter: 15/16"
- Skill Level: Beginner
- Projected Altitude: 1100'
- Recommended Engines (C6-5, A8-3, B4-4, B6-4, C6-7)



### **INTERMEDIATE PROGRAM** (Experience w/ model building and ready for a challenge including cutout, sanding and painting).

Combine your creativity and cleverness for buckets of soaring fun with the Crossfire ISX Model Rocket Kit. This easy to assemble rocket has laser cut wood fin assemblies needing to be sanded and just a few materials needed to assemble the engine assy. (included in kit) before blast off. It will certainly ensnare the minds of youngsters and adults alike. With just a little work and patience, this rocket will be ready to soar in no time!

Details:

- Length: 15 5/8"
- Diameter: 1"
- Skill Level: 3
- Projected Altitude: 1150'
- Engines (A8-3, B4-4, B6-4, C6-5, Or C6-7)