DREAMERNAUT

QUESTIONS? EMAIL ME
tanaka@dreamernaut.com

HIGH-POWER ROCKET BOOTCAMP · INDIANA

Build and Launch a High-Power Rocket

I'm Tanaka Chonyera, an aerospace engineer, and I run this bootcamp. Your student builds and paints their own high-power rocket, launches it up to 5,000 feet, and takes it home. No experience needed.



COST	AGES	BUILD DAY	LAUNCH DAY	WHERE
Free	**8 and up**	**5 hours**	**8 hours**	**Indiana**
$25 deposit, refunded when your student attends every session	Ages 6 and 7 with a parent at the table	Build and paint the rocket	After the build day, at an approved launch site	Location and time are sent before each event

It's free, so please only sign up if you can commit.

Every student gets about $490 worth of kits, motors, materials and safety gear, paid for by grants and sponsors. Spots are limited and there is usually a waitlist, so please sign up only if your student can attend both the build day and the launch day once the dates come out.

1 What your student does

- **Build day, 5 hours.** Your student builds and paints their own rocket at a table with trained volunteers.
- **Launch day, 8 hours.** It comes after the build day. Their rocket flies at an approved launch site, and families can come and watch. If the weather is bad, the launch moves to another day and I let you know.
- Along the way they learn aerodynamics, propulsion, recovery systems and how FAA airspace coordination works.

2 Why it's worth it

Building and flying a real high-power rocket is hands-on engineering experience that most students never get. It gives your student something real to write about on college and job applications and to talk about in interviews.

DELIVERED SO FAR

335	362	10	170+
ROCKETS BUILT	STUDENTS	BOOTCAMPS	LAUNCHED

3 Safety

MOTORS

Kids never touch a motor or an igniter. I buy, store, load and arm every one myself, and every motor is commercially manufactured and certified.

- I am the Flyer of Record for every student rocket, on build day and launch day, and I hold Level 2 high-power certifications from Tripoli and the National Association of Rocketry.
- The bootcamp runs under OSHA's hierarchy of controls, with the safety standards from my day job managing a $150M+ construction project.
- I train every volunteer myself, and every volunteer passes a background check.
- Launch sites are approved, airspace is coordinated with the FAA, a range safety officer runs the launch, and spectators stand at the NAR and Tripoli safety-code distance.
- Safety gear is provided. Send your student in clothes that can get spray paint on them.

How to sign up

1. Scan the code or go to tanakachonyera.com/join. Questions? Email me at tanaka@dreamernaut.com.
2. Dates, location and time go out to the sign-up list as soon as the next bootcamp is set.
3. I call every family to confirm attendance, answer questions and go over the waiver. Your spot is locked in once the paperwork is done.

Sign your student up

Open the sign-up form ↗

Volunteer

Open the volunteer form ↗

No rocketry experience needed. I teach you everything.