

Career Connections

HYDROGEN BALL LAUNCHER

Interests and Skill Sets

- Inquisitive
- Problem solver
- Coding and programming skills
- Leadership
- Flight/Pilot experience
- Curiosity
- Ingenuity
- Astronomy
- Physics
- Math

Jobs

- Aerospace engineer
- Pilot
- Hypersonics technologies research scientist
- High-temperature composites engineer
- Software engineers
- Drone pilot
- Astronomer
- Chemical Engineer
- Radio Frequency Engineer

Courses and Degree Programs

- Aeronautical engineering
- Astronautical engineering
- Rocket Science
- Physics
- Robotics
- Aerodynamics
- Chemistry
- Astronomy
- Propulsion
- Mechanical and structural engineering

Writing Prompt

- 1) Write a story about what you would do if you were an astronaut on the ISS.
- 2) Write a poem about the journey of an asteroid.

Career Connections

Additional Activities

- [Flight simulator](#)
- [NASA Kids' Club \(K-3 graders\)](#)
- [NASA Space Place \(3-6 graders\)](#)
- [Explore the Solar System: 360 Degree Interactive Tour](#)
- [360 Degree Dive into a Black Hole](#)
- [VR in Space VR 180 Tour of the Solar System](#)
- [VR tour of 6 Real Exoplanets](#)
- [NASA Coding a Rover](#)

Videos and More

- [Rocket Science: How Rockets Work](#)
- [A Brief History of Rocketry](#)
- [The Great Escape: Crash Course for Kids #13.1](#)
- [Aerospace Engineers - What is it?](#)
- [Space X Starship Launch New Animation w/ Elon Musk explaining](#)
- [SpaceX Starship Update | Elon Musk Unveils New Starship's Raptor Engines | Explains SN3 Failure](#)

Further Resources

- [Rocks, Rockets and Robots: The Plan to Bring Mars Down to Earth](#)
- [Humans in Space](#)
- [Hubble Space Telescope](#)
- [James Webb Telescope](#)
- [Everything you need to know about aerospace and aeronautical engineering!](#)
- [STEM for Kids - Aerospace Engineering](#)
- [Ten Presidents and NASA](#)
- [LBJs Surprise Visit to the Manned Space Craft Center](#)