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