



## NASA: Journey into Outer Space Camp Overview

From our Earth's atmosphere to the outer reaches of our solar system, this hands-on program sends children on a quest for exploration! Comets, planets, stars and more are all waiting to be discovered. Learn about the four forces of flight, the challenges of space travel, and participate in a rocket launch!

### Day 1: Earth and Beyond

Explore the farthest reaches of our solar system and create a lunar eclipse in this "mad" planetary tour! Learn how the planets stack up, and build and take home **Kepler's Cube™**, a fun and educational 3-D solar system puzzle! Next, go on a mission to explore the atmosphere on Earth, and beyond! Travel to the end of the rainbow and make a sunset! Mix up various planetary atmospheres, one molecule at a time, discover how stars would look in space, and see what makes stars twinkle using your very own **Shimmering Stars™**!

### Day 2: Astronaut-in-Training

Discover technology designed for outer space! Steer a laser beam through a laser maze, find hidden mountains using the principles of radar technology, and discover everyday objects that were originally designed for use in space! Bring the excitement home with a **Lightning Launcher™** that lights up the sky! And that's just the beginning! Live the life of an astronaut as you suit up for space flight! Find out how much you would weigh if you lived on Neptune, and how old you would be if you lived on Saturn. Participate in a space mission and make your very own **Cosmic Chronometer™** watch to measure the time here on Earth!

### Day 3: Solar Launch

This stellar program is your ticket to the stars! Watch star dust burn, and journey through a soapy galaxy as you investigate the life cycle of stars! Use your **Bead Dipper™** to create a 3-dimensional glow-in-the-dark constellation! Then, it's your chance to become a rocket scientist! Investigate the four forces of flight, and explore the science involved in rocket construction as you build your own **Skyblazer II Rocket™** that you can take home!

### Day 4: Eye on the Sky

Probe the mysteries of meteors and bounce around satellite light in this phenomenal program on space phenomena! Learn how to tell the difference between stars, planets and satellites in the night sky. See comets up close as one is formed before your eyes, and take home your very own **Catch-a-Comet™**!

### Day 5: Space Voyage

Learn what it takes to be a true globetrotter! Race a balloon rocket and design your own car engine as you learn about thrust. See the principles of propulsion at work in a real rocket launch, and build your very own **Shuttle Copter™** to fly to the skies!