



NASA: Academy of Future Space Explorers

Mad Science and NASA have teamed up to bring you the excitement and wonder of space in the *NASA: Academy of Future Space Explorers* After-School Program!

The *NASA: Academy of Future Space Explorers* takes children on a voyage of discovery. With unique hands-on activities, amazing demonstrations and fun educational take-homes, this is an experience that is truly out of this world!

Space Travel

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 *Space Copter* to fly to the skies!

Sun & Stars

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 *Cosmic Disk* to fly the constellations!

Rocket Science

This is your chance to be a rocket scientist! Investigate the four forces of flight with the help of a Unique Flying Object! Explore the science involved in rocket construction as you build your own *Skyblazer Rocket* that you can take home!

Planets & Moons

Explore the farthest reaches of our solar system and create a lunar eclipse in this "mad" planetary tour! Learn how the planets stack up. Take home the *Gravity Assisted Launcher* to demonstrate the use of gravity for space travel!

Living in Space

Experience the life of an astronaut as you suit up for space flight! Use teamwork to complete an important space mission. Take home the *Spacewalk Mission* to learn the difficulty of making repairs in space.

Space Technology

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 originally designed for use in space! Take home a *Stereoscopic Viewer* to demonstrate how robots see in 3-D!