



The NASA Academy of Future Space Explorers

The *Mad Science* Group is the world's leading provider of science enrichment programs for elementary school-aged children. *Mad Science* is on a mission to spark the imagination of children everywhere with programs that instill a clear understanding of what science is really about and how it affects the world around us. The *NASA Langley Center for Distance Learning* draws on *NASA's* extensive resources to develop educational programs that raise the public's awareness of science, technology, engineering and mathematics, and their relation to our everyday world. Working together with common goals, *Mad Science* and the *NASA Langley Center for Distance Learning* have created the *NASA Academy of Future Space Explorers*, an unparalleled Educational Program that brings the excitement and wonder of *NASA's* activities to you!

THE NASA ACADEMY OF FUTURE SPACE EXPLORERS WILL BE MADE UP OF THE FOLLOWING 8 CLASSES

Planets and 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. Build and take home the ***Gravity Assisted Launcher Kit****.

Atmosphere and Beyond: We're 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! Build your own ***Meteorological Station!****

Space Phenomena: Probe the mysteries of meteors and bounce around satellite light in this phenomenal program on space events! See comets up close as one is formed before your eyes, and assemble your own ***Space Telescope****.

Sun and 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! Have a blast with your very own ***Cosmic Disk****.

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*!***

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!

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! View cool images of outer space with your own ***Stereo Viewer****.

Living in Space: Live the life of an astronaut as you suit up for space flight! Find out how much you would weigh if you lived on Pluto and how old you would be if you lived on Saturn. Re-enact an actual Spacewalk task with your own ***Spacewalk Challenge Kit****.

**Denotes Exclusive Mad Science NASA Branded take Home*

Mad Science of Southern Alberta has been providing outstanding science programs in Calgary & the surrounding areas since 1996. Our programs provide a substantial focus on our natural environment, help children develop & use particular intellectual skills, include structured interaction among children where supervisors help children develop interpersonal skills & provide enrichment in the academic subject of science. Parents' Choice Award 1st Place Winner 2016 & 2017.

Wednesdays, April 19 – June 7, 2017. 5:45PM – 6:45PM. Ages 6 – 10.

To register visit <http://mtcouncil.com/recreation/classes/>

OR CALL 403-781-6612 ext. 3 or 0

REGISTRATION OPENS FEBRUARY 21