



NASA Academy of Future Space Explorers

Sciences en Folie and NASA have teamed up to introduce the wonderful world of space through our extracurricular activities as part of the Academy of Future Space Explorers program! During these sessions, children will embark on an extraordinary journey through the solar system, exploring planets, stars, and even the asteroid belt. With unique activities, amazing, fun, and educational demonstrations, this program is truly out of this world!

Planets and Moons: On this journey through our solar system, we'll explore the planets and their moons to learn what they're made of and where they are in space. We can even create a lunar eclipse!

Atmosphere and Beyond: Our mission is to explore Earth's atmosphere and beyond! Traveling to the end of the rainbow and creating a sunset, we'll discover what stars look like in space. Using this knowledge, we'll even mix planetary atmospheres one molecule at a time.

Space Phenomena: In this phenomenal program on space phenomena, we'll study the mysteries of meteorites and how light reflects off satellites. We'll even watch a comet form right before our eyes.

Sun and Stars: This stellar program is your ticket to the stars! We'll see stardust form and travel through a soapy galaxy to learn about the life cycle of stars.

Rocket Science: (2 workshops) Here's your chance to become a rocket engineer and discover the four forces of flight in space! We'll dive deeper into these concepts by building model rockets.

Journey Through Space: We'll learn what it takes to become a true space traveler! Discover all parts of a rocket and what makes them go. We'll race balloon rockets and explore thrust, and experience the principles of flight during an outdoor rocket launch.

Space Technology: We'll explore technologies designed for space! Guide a laser through a maze, use radar technology principles to find hidden mountains, and test everyday objects that have been used in space!

Living in Space: Experience life as an astronaut and see how they prepare for space travel! We'll work as a team to complete an important mission by building a model space station.

Space Slime: (Workshop added for longer programs) The Mad Science slime recipe is revealed in this ooey gooey chemistry class! Students create a space slime from basic ingredients in a series of hands-on activities. Out of this world colors will be used.