

ROCKIN' ROCKETS & RADICAL ROBOTS SUMMER CAMP

The “Wright” Stuff

Children will explore the fundamentals of aerodynamics in this hands-on program about how things fly. From the basic principles of flight to building airplanes, testing them in wind tunnels, to hovercraft and balloon helicopter building, children will understand what makes things fly and how different types of aircraft fly. Campers will take home a rubber band powered airplane, various paper airplane designs, balloon helicopters, boomerangs and mini Frisbees.

It’s An Up Thing!

This program will explore the role that wind and the movement of air, plays on simple flying devices such as kites, hot air balloons and parachutes. Children will experiment with solar bags, parachutes and build their own kites and windsocks during this hands-on look at early flight.

The Milky Way

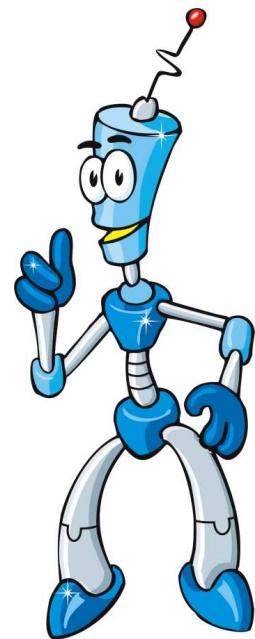
What is the Milky Way and how do we know what’s up there? Children will explore the celestial sphere, learn about celestial navigation and build their own sextant, sundial, planisphere and even a refracting telescope while discovering the wonders of the Milky Way.

Newton’s Loco-Motion

Sir Isaac Newton was very curious about how things move. Discover Newton’s Laws of Motion and something called inertia in this hands-on program all about motion. Children will experiment to learn how inertia works and how gravity is a physical force that keeps all objects “stuck” to the Earth. They will build a “gravity simulator,” and an “inertia tester” to take home to continue their exploration of motion at home.

Rockin’ Rockets

Campers will learn the fundamentals of rocketry throughout this day including the parts of a rocket, the stages of rocket flight and how Newton’s third law applies to a rocket traveling to space. The children will build their own Estes Mach 12 rockets, experiment with water rockets and stomp rockets during this fun, day filled with hands-on activities.



To register for this camp or for more information please call 801-292-8646