

What Color Is Your Imagination?

AGES: 8-13

June 21 and July 31

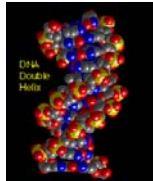
1-day Camp

\$35.00

Join us for a camp that explores two fascinating topics—water & color! In the first part of the day, we will explore the role of the water molecule in activities that look at polarity, cohesion, adhesion, hydrogen bonding, surface tension, capillary action, density, bubbles and water on Mars. During the second half of the day we will learn about the electromagnetic spectrum (EMS) using ARIES activities.



ARIES, an astronomy based activity series developed by the Harvard-Smithsonian Center for Astrophysics will be used to explore light, color, wavelengths, and to observe ways that NASA used the EMS to explore space.



CSI—Cosmic Space Investigators

AGES: 11-15

June 27 and July 24

1-day Camp

\$35.00

Brush up on your detective skills as you join Cosmic Scientists searching for data from NASA's recently returned Stardust Mission! Explore "Space Paleontology" as you investigate Comet Basics, Navigation and Feedback Loops, and Spacecraft Designs. Master some chemistry basics and create a model of the Periodic Table to use in your investigations to determine if life could exist on a planet made mostly of Silicon instead of Carbon!

Astro Tots!

AGES: 7-11

June 14 and July 20

1-day Camp

\$35.00

The mission for these young astronauts is to conduct experiments aboard the International Space Station (ISS). First they get ready for their mission by becoming young engineers. After 3-2-1 LIFTOFF! NASA's future scientists enter into the Space Station and discover fun facts about living and working in space. Glove boxes, Robots and a Clean Room are all put to use as they rotate through activities until Mission Control brings them back to Earth!

Return to the Moon

AGES 10-15

June 18-19 and July 25-26

2-day Camp

\$70.00

It's been nearly 35 years since humans last set foot on the moon but this summer we will have a crew "Return to the Moon". Participants in our 2-day Moon Camp will be trained and tested to be the first astronauts to visit the moon since 1972. The astronauts who sign up & accept this very important mission will need to be mentally and physically tough as they face the challenges awaiting them in the preparation and execution of their mission.

To register for a Summer Camp Program contact The Challenger Learning Center at:
One Community College Drive
Hazard, Kentucky 41701

Phone: (606) 487-3049 or 487-3050
Toll Free: 800-246-7521 ext. 73049 or 73050

or E-mail melissaw.collins@kctcs.edu
tom.cravens@kctcs.edu

Hazard Community & Technical College is an equal opportunity institution

Summer 2007 Aerospace Technology Camps



Challenger[®]
LEARNING CENTER
of KENTUCKY

(606) 487-3049
(800) 246-7521
Ext. 73049 or 73050

Summer Camps

Summer Camp Programs at the Challenger Learning Center of Kentucky!

The Challenger Learning Center of Kentucky offers summer camp programs each June & July that will be fun, exciting, challenging and educational for ages 6—15. Camps range from one to two days beginning at 10:00 am & ending at 3:00 pm each day.

One-day camps = \$35.00 per day

Two-day camps = \$70.00 per day

Join us for an “out-of-this-world” summer of fun!!!

Astronaut for a Day

June 4 and July 3

AGES: 6—10

1-day Camp \$35.00

Have you ever wondered what it would be like to be an astronaut aboard the space shuttle or the International Space Station? What do they eat and how do they eat it? What do they do for fun? How cold is it in space? Come to The Challenger Learning Center of Kentucky to be an Astronaut for a Day. You'll have fun learning all about living, working, eating, and playing in space and about what it would take to survive in space.

Jr. Space Academy

June 11 and July 10

AGES 7—10

1-day Camp \$35.00

If you have already experienced how astronauts live in space in the Challenger Learning Center's Astronaut for a Day Camp, then you are ready to go one step further. This summer your astronaut training really begins!! You will need to bring your “A” (astronaut) game and get ready to be challenged physically and mentally as you start your preparation for astronaut status. You will work individually and with your teammates to solve problems and complete tasks. It will be a challenge like no others you have experienced before.

The Solar System

June 7-8 and July 17-18

AGES: 9—15

2-day Camp \$70.00

Our Solar System is a place of beauty & mystery, incredible diversity, extreme environments, & continuous change. Our Solar System is also a natural laboratory, on a grand scale, within which we seek to unravel the mysteries of the universe & our place in it. Join us as we explore the mysteries and construct a to-scale model of the Solar System



Tracking Shadows in the Solar System Camp.



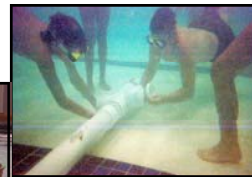
International Space Station Challenge

AGES 9—12

May 30-31 and July 12-13

2-day Camp \$70.00

Seventeen different countries have participated in building the ISS as it orbits around the earth at speeds of almost 18,000 miles per hour. You will experience how astronauts eat, sleep, play, and work aboard the ISS. You & your friends can perform a docking maneuver between the Space Shuttle and the ISS, and finally you will build a model of the ISS in a micro-gravity environment. Sound interesting? You bet it is! Come join us as we learn about the ISS.



Building the ISS in a microgravity environment.

Rockets Away!

May 24 and July 2

AGES: 9—15

1-day Camp \$35.00

Seeing rockets carry humans, artificial satellites, and launch missions to other planets has inspired many enthusiastic young people to try to emulate rocket scientists by building their own rockets. Our “Rockets Away” camp has a safe, exciting introduction to model rocketry. We use a professionally manufactured, solid-fuel rocket engine, safe, light weight construction materials, and a Model Rocket Safety Code to assure safe operation for our young rocket scientists. These rockets can travel to heights of approximately 1,000 ft. or 1/5 of a mile and then gently return to the earth with the use of a parachute built into the rocket.



Making Rockets



Rockets Away!

Nature Explorers

July 23

AGES: 6—10

1-day Camp \$35.00

Discover the wonders of the world around you? Campers will be exploring wetlands and wooded areas, roaming over the lawn and maybe even crawling on their hands and knees as they experience nature first-hand. Enjoy hands-on activities related to wildflowers, trees, rocks and much more!

