



Look for the icon to see the latest camp offerings for your age group.

New!

Register Online at RoperMountain.org

Members only online registration begins Tuesday, March 10 at 7:00am. No walk-in registration on Tuesday, March 10.

Public registration opens online Thursday, March 12 at 8:00am.



Roper Mountain



Summer Adventure May 27 – July 25, 2025

Explore our buildings and exhibits including our featured traveling exhibit “Survival of the Slowest”

Summer 2026

Activity-based camps that mix learning and fun!

RoperMountain.org



Summer Exploration Camps

This guide lists all the different hands-on camps offered in Roper Mountain labs, habitats and classrooms. Camps are arranged by the grade your student will complete at the end of this school year. Each camp is filled with exciting activities and materials, many of which campers can take home to extend their experience.

Camp Staff: Instructional staff are professional educators or experts in their field.

Daily Snack: A snack and reusable water bottle are provided for all camps. While we make every effort to avoid allergens, snacks are not guaranteed to be allergen free. You are welcome to send alternate snacks with your child.

Camp Size: Camps are limited to 16 students or less.

Fees: See camp descriptions.

Full Day Camps: Campers will be provided with lunch and drink at no charge, but may choose to bring their own lunch each day. Dress in layers to be comfortable in cool indoor and hot outdoor temperatures, as students will likely spend time outside (weather permitting). Please wear footwear appropriate for outdoor activity (no flip-flops or backless sandals).

Early Drop Off & Extended Lunch Stay:
page 8

Medication Policy: Staff cannot administer medication to students. The only exception to this rule is in the event of an allergy emergency. Students with allergies must keep their medication and written treatment instructions with them at all times.

Behavior Expectations: Campers are required to participate in all camp activities, use appropriate language and show respect for teachers, staff, other campers and the facility. Bullying and violence will not be tolerated. Students who do not exhibit proper behavior will have parents contacted and may be dismissed from camp if behavior is not improved.

In This Guide

Use the information below to find all of the camps available for your child's completed grade level.

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Events at Roper Mountain

Pi Day Party March 10

Join us for an evening of fun, hands-on STEM demonstrations, drinks, hors d'oeuvres, and pie (of course!) at our annual Pi Day Party, hosted by the Roper Mountain Science Center Association. **Adults Only**

Friday Starry Nights Year Round on Friday Nights

Planetary showtimes include:

- Feature Presentation
- Live Sky Talk
- Spacepark 360 Virtual Rollercoaster
- Observatory viewing available (weather permitting).

Summer Adventure May 27 - July 25

- Get up close to hundreds of butterflies in our Butterfly Encounter
- Encounter traveling exhibit "Survival of the Slowest"
- Pet a stingray in our Marine Lab
- Discover our Living History Farm
- Visit the new Outdoor Dinosaur Trails
- And so much more...

Laser Shows in the Planetarium Summer, Halloween and Holiday Seasons

Completed Grades K4 or K5

Activate Creature Powers

What are “creature powers?” All of the special skills and cool characteristics of animals! Join us while we search for animals at Roper Mountain and discover their unique abilities. We will craft some of their cool characteristics for ourselves and use our imagination to activate creature powers!

Session: 1

Date: June 8 - 12

Time: 9:00am - 12noon

Completed Grade: K4 or K5

Instructor: Erin EuDaly

Location: Symmes Hall Lab 7

Fee: \$185

Session: 2

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: K4 or K5

Instructor: Erin EuDaly

Location: Symmes Hall Lab 7

Fee: \$185

Mermaids and Monsters

From Mermaids to the Loch Ness Monster, campers will have fun looking for clues that these mythical creatures may exist in the world around us. Students will be encouraged to use their imagination while participating in fun crafts and activities like making seashell necklaces, ocean sensory jars, sea monster slime, and more!

Session: 1

Date: July 27 - 31

Time: 9:00am - 12noon

Completed Grade: K4 or K5

Instructor: Ashley Zalabak

Location: Harrison Hall Discovery D

Fee: \$185

Explorers Lab

Explorers Lab invites young scientists to discover the wonders of science through hands-on exploration around the mountain. Campers will visit the butterfly exhibit and study their life cycles, investigate animals that call Roper Mountain home, study water, and explore motion through fun experiments.

Session: 1

Date: July 13 - 17

Time: 9:00am - 12noon

Completed Grade: K4 or K5

Instructor: Jasmin Poor

Location: Symmes Hall Lab 4

Fee: \$185

Session: 2

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: K4 or K5

Instructor: Jasmin Poor

Location: Symmes Hall Lab 4

Fee: \$185

New!

Octonaut's Ocean

Join Captain Barnacles and become part of his crew! This camp is inspired by the beloved Octonauts book series by Meomi. Campers will explore the ocean and learn about the amazing creatures that live there. Each day, we'll visit the Marine Lab to discover a new animal and its ocean habitat, then dive into fun daily crafts and hands-on activities.

Session: 1

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: K4 or K5

Instructor: Leslie Baxley

Location: Harrison Hall Discovery D

Fee: \$185

Session: 2

Date: July 13 - 17

Time: 9:00am - 12noon

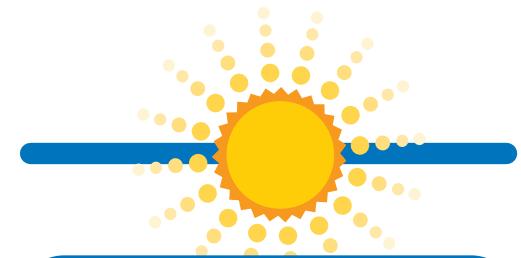
Completed Grade: K4 or K5

Instructor: Leslie Baxley

Location: Harrison Hall Discovery D

Fee: \$185

**Register
Online**
RoperMountain.org



**Support Roper
Mountain and
enjoy benefits
by becoming
a member!**

Benefits Include:

- Unlimited admission for the household to public programs including Friday Starry Nights, Summer Adventure, and Afternoon Explorations
- Discount ticket prices for special events
- Special member communications
- Access to Summer Camp early registration & discount
- Admission benefits at more than 300 different science centers and museums through the ASTC (Association of Science-Technology Centers) Passport Program

**K4-K5
campers
must be starting
K5 or Grade 1
this fall**



Completed Grades K5 or 1

Storytime Science

Each day we will read a picture or story book featuring a scientific idea and then we will explore it through hands-on crafts, experiments, activities and our own storytelling. We'll visit all of the places that make Roper Mountain special, like the dino trail, marine lab and planetarium as we stretch our imaginations from the earth to the sky!

Session: 1

Date: June 1 - 5

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Lydia Burgess

Location: Symmes Hall Lab 4

Fee: \$185

Session: 2

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Shannon Farrell

Location: Symmes Hall Lab 4

Fee: \$185

Fairy Tales

Campers will dive into classic fairy tales and then bring them to life as we explore wooded trails, tree houses, gardens, bridges, and the farm. Each day, children will re-enact the story of the day through imaginative play, creative projects, and puppet shows. We'll sing songs, play games, and enjoy hands-on activities inspired by our daily theme. Stories will include *Jack and the Beanstalk*, *Little Red Riding Hood*, *The Three Little Pigs*, *The Billy Goats Gruff*, and more!

Session: 1

Date: June 8 - 12

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Leslie Baxley

Location: Symmes Hall Lab 4

Fee: \$185

Session: 2

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Leslie Baxley

Location: Symmes Hall Lab 4

Fee: \$185

Farm Animals & Garden Fun!

Let's be farmers for a week! Each day we'll visit the barn to feed, care for, and learn about our special farm animals. We'll have fun gardening in our huge vegetable and fruit garden, sit on the hay to hear funny farm stories and run in the pasture to play silly farm games! There'll be cool critter crafts to create and plants to pot up and take home. Put your boots on and come on down to the farm!

Session: 1

Date: June 1 - 5

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Lisa Dye

Location: Living History Farm

Fee: \$185

Session: 2

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Dana Lackey

Location: Living History Farm

Fee: \$185

Session: 3

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Trisha Bryant

Location: Living History Farm

Fee: \$185

Session: 4

Date: July 27 - 31

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Trisha Bryant

Location: Living History Farm

Fee: \$185

Circus Science

Come one, come all to the Under the Big Top Science Circus! We'll have fun juggling, balancing, doing magic, and even walking on a tightrope. We'll experiment with popcorn, make cotton candy play dough, ice cream clowns and much more! Step right up and dream big at the Science Circus!

Session: 1

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Erin EuDaly

Location: Symmes Hall Lab 7

Fee: \$185

Session: 2

Date: July 13 - 17

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Erin EuDaly

Location: Symmes Hall Lab 7

Fee: \$185

Jurassic Giants

We'll go back in time exploring pre-history as we create our own dinosaurs in a habitat we construct and learn about the lives and extinction of these Jurassic giants. Students will make a dino terrarium that we'll watch grow all week and have fun with daily crafts. At the end of the week, campers become dinosaurs in a play they will perform!

Session: 1

Date: July 13 - 17

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Susan Shaw

Location: Wilkins Conference Center

Fee: \$185

Looking for
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10%
Members
Receive
a 10%
Discount!

Completed Grades K5 or 1

Snow Much Fun

Summer fun has never been so chilly! Join us for a week filled with frozen fun. We'll make instasnow, marshmallow snowmen, frozen slime and so much more! The cold won't bother you when you're having Snow Much Fun!

Session: 1

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Lydia Burgess

Location: Symmes Hall Lab 4

Fee: \$185

Session: 2

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Lydia Burgess

Location: Symmes Hall Lab 8

Fee: \$185

Tinker Cadets

Campers will explore the basics of coding and programming logic using OctoStudio, a creative, kid-friendly coding platform. Through interactive design challenges, they'll bring their ideas to life with animations, games, and stories while building problem-solving and critical thinking skills. Along the way, campers will collaborate, experiment, and iterate—gaining confidence as they learn how creativity and coding work together to turn imagination into reality.

Session: 1

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Joe Blizzard

Location: Symmes Hall Lab 3

Fee: \$185

Session: 2

Date: July 27 - 31

Time: 9:00am - 12noon

Completed Grade: K5 or 1

Instructor: Joe Blizzard

Location: Symmes Hall Lab 3

Fee: \$185

Completed Grades 1 or 2

Kitchen Chemistry

Using common items from the kitchen, we'll examine and create fun and interesting mixtures and solutions. We'll make our own play dough, make super bubbles and more as we explore how we can find science in our very own homes!

Session: 1

Date: June 8 - 12

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Kyle Rollins

Location: Universe Classroom

Fee: \$185

Session: 2

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Kyle Rollins

Location: Universe Classroom

Fee: \$185

Pop, Bang, Sputter FULL DAY

Campers soak up science as they spend all day experimenting with topics such as surface tension, matter, heat and color. They will be amazed as they create rainbows, silly putty, CO₂ poppers, volcanoes, oceans in a bottle and way 'cool' demonstrations. Students will love using their science senses to see how 'egg-citing' exploring science can be!

Session: 1

Date: June 15 - 19

Time: 9:00am - 4:00pm

Completed Grade: 1 or 2

Instructor: Caitlyn Ruiz

Location: Symmes Hall Lab 8

Fee: \$385

Away We Grow

Budding botanists will love learning about flowers and plants in our Rainforest, Butterfly Garden, Herb Garden and plant labs. We'll learn about all kinds of flowery friends from near and far, and make fun projects to take home.

Session: 1

Date: July 13 - 17

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Kyle Rollins

Location: Universe Classroom

Fee: \$185

Solar System Explorers

Our explorers will have an exciting week learning all about our solar system, constellations, and galaxies beyond our own as they make stars, moon craters, space shuttles, and rockets. We will study the space station and our upcoming mission to Mars. Students will take all they have learned to make their own costumes and write their own lines for an "all-star" solar system play that they will perform!

Session: 1

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Susan Shaw

Location: Wilkins Conference Center

Fee: \$185



Young Engineers Academy

Get ready to design and create a variety of structures, flying machines, robots, and more! In this fun-filled week, students will learn how to turn simple materials into the amazing ideas of their imaginations. They will test their designs and have the chance to change their designs for re-tests. Learning the engineering process has never been so much fun!

Session: 1

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Susan Shaw

Location: Wilkins Conference Center

Fee: \$185

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Completed Grades 1 or 2

Little House on the Farm I

What was life like for Laura Ingalls, Ma, Pa, and the rest of her family in the 1870's? We will bring these classic books to life as we play schoolyard games, make butter, and work with old-fashioned kitchen tools. Campers will enjoy making their own potpourri, wood cabins, rope and clothes pin dolls, as well as panning for gold. We will help with cabin, barn and garden chores, including picking garden vegetables and fruit.

Session: 1

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Lisa Dye

Location: Living History Farm

Fee: \$185

Silly Slime

Silly Slime! Gooey Gak! Flubber! Kids will explore and enjoy mixing simple ingredients to make different recipes, while learning the science behind the slimy wonder. We will make all kinds of slime, including magnetic, glow in the dark, color-changing and more!

Session: 1

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Jennifer Brown

Location: Astronomy Classroom

Fee: \$185

More! Creature Powers

Delve deeper into the world of creature powers as we explore the unique abilities of animals. Roam the grounds, uncover their secrets, and craft your own creature powers through imaginative activities. From the agility of a squirrel to the wings of a butterfly, channel these traits into hands-on creations. Join us for another chapter of creativity, curiosity, and magic of the animal kingdom!

Session: 1

Date: June 1 - 5

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Erin EuDaly

Location: Symmes Hall Lab 7

Fee: \$185

Session: 2

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Erin EuDaly

Location: Symmes Hall Lab 7

Fee: \$185



Animal Habitats FULL DAY

From rainforest to butterfly garden, and from pond to woodland - each day will bring new adventures as students explore a different habitat theme. We will enjoy engaging story times, creative craft projects, guided outdoor hikes and live animal interactions. Investigation destinations include the marine lab, nature trails and gardens as well as a field trip to explore the habitats found at Paris Mountain State Park.

Session: 1

Date: July 27 - 31

Time: 9:00am - 4:00pm

Completed Grade: 1 or 2

Instructor: Sherry Williams

Location: Harrison Hall Ecology Lab

Fee: \$395

Animal Detectives

Each student will be paired with an "Animal of the Week" from our collection of live animals (such as turtles, salamanders, snakes, frogs, and mammals) as they learn about animal habits and care. As Animal Detectives, campers will search for animal clues in our forest and pond through discovery hikes, outdoor hunts and do take-home projects as well.

Session: 1

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Meg McKnight

Location: Harrison Hall Discovery D

Fee: \$185

Session: 2

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Bethany Fisher

Location: Harrison Hall Discovery D

Fee: \$185

Session: 3

Date: July 27 - 31

Time: 9:00am - 12noon

Completed Grade: 1 or 2

Instructor: Meg McKnight

Location: Harrison Hall Discovery A

Fee: \$185

**Register
Online**

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See Pages 15-17

Field trips are subject to availability of venue and may be cancelled or changed due to weather or other extenuating circumstances.





Completed Grades 2 or 3

Ahoy Matey!

Join the crew on the high seas and have some incredible adventures along the way! We'll learn all about the pirate life as we swab the deck, build a catapult, learn about shipwrecks, walk the plank, meet alligators, sharks and more! X marks the spot for a thrilling pirate adventure!

Session: 1

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Delaney Fleming

Location: Wilkins Conference Center

Fee: \$185

Dino Detectives

Can scientists bring dinosaurs and other prehistoric animals back to life using DNA? We'll explore the mysteries that surround these extinct animals as we examine real fossils, explore and catalog our dinosaur trail, meet living fossils, and study microscopic dinosaurs. We'll investigate a future where creatures like the woolly mammoth might live again!

Session: 1

Date: June 1 - 5

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: John Hurley

Location: Harrison Hall Discovery C

Fee: \$185

Session: 2

Date: July 27 - 31

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: John Hurley

Location: Harrison Hall Discovery C

Fee: \$185



Magic Tree

House Adventure FULL DAY

We'll go on magical journeys to faraway lands and ages past: Ancient Greece, medieval times, Japan and to the Moon. Explore the Amazon Jungle, Ancient Rome and more through crafts, games, discovery, and imagination. We will travel to the planetarium, rainforest, marine lab, farm, Wildwood, and, of course, our tree house!

Session: 1

Date: July 20 - 24

Time: 9:00am - 4:00pm

Completed Grade: 2 or 3

Instructor: Lisa Dye

Location: Living History Farm

Fee: \$385



Little House on the Farm II

Campers will try their hand at the chores, crafts, and way of life that Laura Ingalls and her family experienced. We'll go herb picking, make our own ink and write with quill pens, clean laundry with a washboard, and cook over an open hearth like Laura did. Campers will make spices, make a corn husk doll, attend an old-fashioned school lesson, and dance to music Pa played on his fiddle. We'll plow in the garden and try our hand at spinning yarn.

Little House I camp is not required.

Session: 1

Date: July 13 - 17

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Lisa Dye

Location: Living History Farm

Fee: \$185

Tiny Worlds:

Exploring EcoSystems

Learn all about self-sustaining ecosystems and make some, too! We'll collect lake water and examine it to see what creatures are living in our ecosystems. We will make an aquatic ecosystem (with a live creature!) you can take home, a bug hotel, and different kinds of terrariums. Learn what living things need to survive and make a terrarium tiny enough to wear as a necklace!

Session: 1

Date: June 8 - 12

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Bethany Fisher

Location: Harrison Hall Discovery D

Fee: \$185



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Completed Grades 2 or 3

MiniBot University

Roll into the world of robotics with Sphero! Campers will use a Sphero Mini rolling robot to explore the world of robots and programming. Each day will bring a new challenge designed to help campers get to know their robots and how to use them. At the end of the week, campers will take their robot home with them. Android or Apple device is needed to use the Sphero Mini at home.

Session: 1

Date: June 1 - 5

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Joe Blizzard

Location: Symmes Hall Lab 8

Fee: \$235

Session: 2

Date: June 8 - 12

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Joe Blizzard

Location: Symmes Hall Lab 8

Fee: \$235

Books & Builds

Books and science go hand in hand! In this creative camp, we will read a selection of children's literature and then perform science experiments, activities and crafts centered on the theme. Literature selections include *There's A Hair in My Dirt*, *Bartholomew and the Oobleck*, *Bugs are Insects* and more!

Session: 1

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Kyle Rollins

Location: Universe Classroom

Fee: \$185

Session: 2

Date: July 27 - 31

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Kyle Rollins

Location: Universe Classroom

Fee: \$185

Killer Plants & Animals

Be careful... Killer Plants and Animals are everywhere, even here at Roper Mountain! Join us for a look into the mysterious world of organisms that can't survive without eating live prey. Campers will create arts and crafts and take home their own carnivorous plant. We'll explore carnivores in a week of killer fun!

Session: 1

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Kyle Rollins

Location: Universe Classroom

Fee: \$185



Rainforest Rangers

Rainforest Rangers will explore every layer of the rainforest and discover the amazing habitats found within it. Campers will meet fascinating rainforest residents including frogs, snakes, insects, and even piranhas! Each day features hands-on activities and themed crafts, plus the chance to sample foods and flavors inspired by the rainforest. Rangers will also enjoy time in our interactive summer exhibits, including a sloth encounter and butterfly feeding experience.

Session: 1

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Bethany Fisher

Location: Wilkins Conference Center

Fee: \$185

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- Discount ticket prices for special events
- Special member communications
- Access to Summer Camp early registration & discount
- Admission benefits at more than 300 different science centers and museums through the ASTC (Association of Science-Technology Centers) Passport Program

Visit RoperMountain.org to join today!



Completed Grades 3 or 4

Junior Naturalist FULL DAY

In this nature camp, students will conduct investigations through explorations and discoveries in the woods and in the waters of Roper Mountain and at Paris Mountain State Park. Junior naturalists will develop skills necessary to appreciate the outdoors and learn to read clues from nature. Inside the lab, students will practice nature ID skills and make collections as they learn about nature. Plans include two field trips to Paris Mountain State Park.

Session: 1

Date: July 27 - 31

Time: 9:00am - 4:00pm

Completed Grade: 3 or 4

Instructor: Tim Taylor

Location: Harrison Hall Discovery B

Fee: \$405

Field trips are subject to availability of venue and may be cancelled or changed due to weather or other extenuating circumstances.

2
Field
Trips!

Bloxels

Video Game Design

Bring your imagination, creativeness, and love for video games by joining our design team. Utilizing the Bloxels design kit and app, you will learn how to create and play your video game. You create and design the characters, the levels, and the actions all from your imagination which is transferred into a real game.

Session: 1

Date: June 8 - 12

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Matt Taylor

Location: Symmes Hall Lab 5

Fee: \$185

Session: 2

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Julie Dabney

Location: Symmes Hall Lab 3

Fee: \$185

Session: 3

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Eric Basso

Location: Symmes Hall Lab 5

Fee: \$185

But Why?

We all know the sky is blue... but why? We know that static electricity will give us a shock ... but why? In this camp for critical thinkers, we'll investigate some common mysteries in detail using experiments, creativity and persistence to uncover the answers behind some seemingly simple questions. At the end of the week, we'll say "THAT'S why!"

Session: 1

Date: July 27 - 31

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Eric Basso

Location: Symmes Hall Lab 4

Fee: \$185

You've Been Slimed

Slime is cool! Slime is science! Campers will explore polymers and non-Newtonian fluids by following basic recipes to create thermochromatic, magnetic, glow-in-the-dark and many more slime types.

Session: 1

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Jennifer Brown

Location: Astronomy Classroom

Fee: \$185

Astro Apprentice

We'll travel to all the corners of the universe as we explore how big space actually is, identify and learn about constellations, become mission specialists for NASA's Artemis mission to the moon and so much more. There will be lots of hands-on activities and time spent in the T.C. Hooper Planetarium and Daniel Observatory. Join us for an out of this world experience!

Session: 1

Date: June 8 - 12

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Maggie Connelly

Location: Wilkins Conference Center

Fee: \$185

Science Sampler

Take a little taste of everything we have to offer! From Rocks and Minerals, Ooey Gooey Science, Science in the Kitchen, From the Ocean to the Shore and more, Science Samplers will explore different areas of Roper Mountain and the science that goes along with them with fun hands-on activities and crafts.

Session: 1

Date: June 1 - 5

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Kyle Rollins

Location: Universe Classroom

Fee: \$185

Session: 2

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Kyle Rollins

Location: Universe Classroom

Fee: \$185



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See Pages 15-17



Completed Grades 3 or 4

Junior Web Design FULL DAY

There's no better way to present a school project than with a well-designed webpage! Campers will learn how to design a webpage utilizing HTML and CSS foundational coding language. In addition to basic coding concepts, students will learn skills like organizing text and data on a web page, inserting images, using different fonts and colors, creating borders, and more! Get ready to impress your teachers as you "show what you know" in the form of an awesome webpage!

Session: 1

Date: June 22 - 26

Time: 9:00am - 4:00pm

Completed Grade: 3 or 4

Instructor: Todd Childers

Location: Symmes Hall Lab 1

Fee: \$385

Hollywood Makers

You Set the Scene: Movie Prop Masters in Training

Do you love the magic of movies? Step behind the scenes and become a movie prop master in training! Hollywood Makers will explore a variety of movie genres by designing and building props and scenery, using hands-on maker skills, creative problem-solving, and science to bring imaginary worlds to life. Through design challenges and collaborative builds, campers will discover how the objects and environments on screen help tell powerful stories—no cameras required!

Session: 1

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Joe Blizzard

Location: Symmes Hall Lab 3

Fee: \$185

Session: 2

Date: July 13 - 17

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Joe Blizzard

Location: Symmes Hall Lab 3

Fee: \$185

Young Scientist FULL DAY

Discover the fast-paced world of motion using marble rollercoasters, paper airplanes, gears, wheels and axles. Students will learn about friction, gravity and Newton's, Bernoulli's and Archimedes' laws as they have fun designing, building and experimenting with each of their creations to meet our daily challenges. Our young scientists will take home activities and materials to share.

Session: 1

Date: July 13 - 17

Time: 9:00am - 4:00pm

Completed Grade: 3 or 4

Instructor: Delaney Fleming

Location: Symmes Hall Lab 8

Fee: \$385

Launch Lab

We'll construct straw rockets, launch bottle rockets, and build and launch our own Alpha III rocket! Learn all about beginning concepts in rocketry, Newton's laws of motion, basic flight principles and more during this fun-filled camp especially designed for Junior Rocketeers.

Session: 1

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Delaney Fleming

Location: Astronomy Classroom

Fee: \$215

Launch Lab is a new name for Junior Rocketry. If you took Junior Rocketry last year, this will be the same camp.



Looking for
LEGO® Robotics?

See Pages 15-17

Early Drop-off

- For campers attending half or full day camps that begin at 9:00am.
- Campers will meet at Symmes Hall of Science (top of the mountain) beginning at 7:30am. This will not be structured time.
- Early drop-off campers must arrive by 8:30am (Arrivals after 8:30am should report directly to their camp location.)
- Pre-registration is required by the Wednesday before the start of your camp week and payment must be received prior to the start of your camp week.
- Cost is \$65 per week, no member discount.
- No refunds for cancellations received later than 7 days before camp start.

Extended Lunch Stay

- Supervised lunch stay (12noon to 1:00pm) for your morning camp.
- Lunch is provided. Daily menu choices are: cheeseburger, chicken sandwich or grilled cheese with sides (varying daily) and white or chocolate milk. Campers are welcome to bring their own lunch if they prefer.
- No structured activities will be provided.
- Participants in full-day camps should not sign up for Extended Lunch Stay.
- Pre-registration is required by the Wednesday before the start of your camp week and payment must be received prior to the start of your camp week.
- Cost is \$65 per week, no member discount.
- No refunds for cancellations received later than 7 days before camp start.

Completed Grades 4 or 5

Web Architects

New!

Learn today what you can build for the future! This course teaches campers how to use the foundational language of web site coding, HTML and CSS, to create awesome websites. By the end of the week, our architects will be able to construct a website with interactive features that gives them skills to take to their future classrooms for project based learning opportunities.

Session: 1

Date: June 8 - 12

Time: 9:00am - 4:00pm

Completed Grade: 4 or 5

Instructor: Todd Childers

Location: Symmes Hall Lab 1

Fee: \$385

Spy Academy

Dive into the secret world of spies when you spend a thrilling week at Spy Academy! Our operatives-in-training will create spy gadgets, heighten their observation skills, conduct covert operations, use cryptic codes and ciphers as they learn what it takes to be successful spies. Your mission is ready if you choose to accept it!

Session: 1

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 4 or 5

Instructor: Ashley Sana

Location: Shelter 10

Fee: \$185

Session: 2

Date: July 13 - 17

Time: 9:00am - 12noon

Completed Grade: 4 or 5

Instructor: Ashley Sana

Location: Shelter 10

Fee: \$185



Marine Adventures

Calling all future marine biologists! In this hands on experience, we will get to dissect a squid, handle live animals in our marine lab touch tanks, and make glow-in-the-dark deep sea monster slime while exploring what life is like in the deep ocean.

Session: 1

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: 4 or 5

Instructor: Maggie Connelly

Location: Harrison Hall Discovery D

Fee: \$185

Harry Potter

FULL DAY

Inspired by JK Rowling's Harry Potter book series, Muggles are welcome to participate in this enchanting camp. After being sorted into Gryffindor, Slytherin, Ravenclaw or Hufflepuff, you'll enter the magical world of real science. Brew amazing concoctions in Potions class. Make your own broom and compete in a Quidditch tournament. Uncover the mysteries of amazing plants in Herbology. Explore the stars in Astronomy. Discover Fantastic Beasts. Choose a wand to suit your botanical style. At the end of the week, you will earn your O.W.L. certificate by competing in a quiz contest. The winning team will be awarded the House Cup! Join us for a magical week.

Session: 1

Date: July 27 - 31

Time: 9:00am - 4:00pm

Completed Grade: 4 or 5

Instructor: Multiple

Location: Multiple

Fee: \$385

Looking for
LEGO® Robotics?
See Pages 15-17

10%
Members
Receive
a 10%
Discount!

Junior Master Gardener

Field Trip!

Campers who attend both weeks of camp will be certified as a Junior Master Gardener.

Topics and activities at camp may include how plants are used to make sun tea, cookies, t-shirts and plastic, the design and creation of a terrarium ecosystem, how plants, soil and earthworms are related, bee and butterfly conservation and the importance of pollinators, how to harvest (and eat) fresh veggies right out of the garden and guest speakers with expertise in horticulture and hands-on activities to learn plant science.

Session 1

Spending a day visiting a local farm to learn about the business of growing vegetables and tea plants. Investigate earthworms, prepare your own treats with products from the garden and experiment with plant propagation.

Date: June 1 - 5

Time: 9:00am - 4:00pm

Completed Grade: 4 or 5

Instructor: Greater Greenville Master Gardeners

Location: Shelter 10

Fee: \$285

Session 2

Learn new ways to garden by visiting gardens around Greenville. Create Kokedama, make a gourd birdhouse and go on an insect scavenger hunt with tools you make.

Date: June 8 - 12

Time: 9:00am - 4:00pm

Completed Grade: 4 or 5

Instructor: Greater Greenville Master Gardeners

Location: Shelter 10

Fee: \$285

Field trips are subject to availability of venue and may be cancelled or changed due to weather or other extenuating circumstances.



Completed Grades 4 or 5

Pioneer Apprentice

Did you ever wonder what life was like for a pioneer 200 years ago? We'll explore farm life and skills from the 1800's, including learning about leatherwork, candle dipping, herb gardening and hearth cooking. Campers will care for our barn animals, including our cows, pig and chickens. We'll have a great time making and playing with historic toys and games. Hand-cranked ice cream will be a sweet ending to our fun week on the farm!

Session: 1

Date: June 8 - 12

Time: 9:00am - 12noon

Completed Grade: 4 or 5

Instructor: Dana Lackey

Location: Living History Farm

Fee: \$185

Mission:

Space Engineers FULL DAY

New!

Campers will explore space science through hands-on projects including building moon phase models, launching rockets, creating Mars helicopters, constructing balloon-powered space rovers, designing sundials, and forming realistic moon craters. We'll become space engineers as we design, build, and test a capsule to protect an egg during a high-altitude drop. Campers will visit the planetarium each day to discover new and exciting developments in space exploration. A one-day field trip to the Challenger Learning Center will immerse students in a simulated space mission, and the week will conclude with an exciting Solar System Scavenger Hunt.

Session: 1

Date: July 20 - 24

Time: 9:00am - 4:00pm

Completed Grade: 4 or 5

Instructor: Glenn Sparkman

Location: Astronomy Classroom

Fee: \$425

Field
Trip!

Looking for
LEGO® Robotics?
See Pages 15-17

Galactic Hackers FULL DAY

This is the Star Wars Maker Camp

You're Looking For

Not that long from now at a mountain close to you, join us as we unlock the science and technology of a galaxy far, far away. Explore the world of Star Wars through investigation, design challenges and more. From light sabers and droids to characters and creatures, the Force will be with you as you make these worlds your own.

Session: 1

Date: June 22 - 26

Time: 9:00am - 4:00pm

Completed Grade: 4 or 5

Instructor: Joe Blizzard

Location: Symmes Hall Lab 3

Fee: \$385

Wilderness Explorations

Learn the expertise, knowledge and attitude you'll need for wilderness survival and land navigation in this specialized course. We'll learn fire craft, solar stills, shelter building, knot tying, survival food, navigation at night, first-aid, plant identification and other fundamental skills through hands-on activities. Bring your sense of adventure!

Session: 1

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: 4 or 5

Instructor: Glenn Sparkman

Location: Shelter 10

Fee: \$185

Mysteries On the Mountain

Campers will break out their detective skills to solve puzzles, follow clues and uncover hidden secrets as we investigate mysteries around Roper Mountain. Using creativity and collaboration, we will learn what questions to ask and how to ask them, and then apply our critical thinking to crack the case!

Session: 1

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: 4 or 5

Instructor: Delaney Fleming

Location: Shelter 10

Fee: \$185

Roper Mountain Everyday science with extraordinary fun!

Roper Mountain exists because of a unique partnership of public ownership, corporate sponsorship, private support, and volunteers. During the school year, 400-600 students visit Roper Mountain every day for immersive "learning labs."

Public programs at the Center include Friday Starry Nights, Afternoon Explorations and Summer Adventure. Visit RoperMountain.org for more program information and to buy tickets.

Our Vision

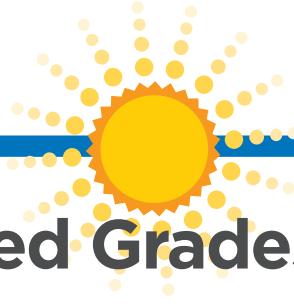
To be a pinnacle of innovative learning, an engine for community engagement, and a national leader in science education.

Our Mission

To ignite the natural curiosity of all learners to explore and shape their world.

Our Beliefs

- Science is for everyone.
- Science is exploring, investigating, and innovating.
- The exploration of our past, present, and future strengthens insight and provides new perspectives.
- We are stewards of natural, cultural, and historical resources.
- Positive learning experiences promote the development of an informed society.
- Hands-on experiences with real world connections make learning challenging and fun.
- All students deserve opportunities to actively participate in our programs.
- An engaged community of partners and volunteers fosters innovative learning experiences.
- Education, business, and community collaborations make us stronger and more effective.
- Continuous improvement is vital to our success.



Completed Grades 5, 6 or 7

Project Discovery

Like to experiment? Want to make stuff stronger, lighter, better? In this STEAM-focused camp, you will combine engineering, chemistry, physics and much more to explore materials in the world around you. You'll use common materials to create a golden penny, concoct polymers, grow crystals, engineer a battery from fruit, and have a contest to make the strongest cement.

Session: 1

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Eric Basso

Location: Symmes Hall Lab 8

Fee: \$185

Session: 2

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Maggie Connelly

Location: Symmes Hall Lab 8

Fee: \$185



Art Entrepreneurs

We'll explore how art can merge with science, language, math and more to use creativity to solve practical problems. Practice forensic drawing to capture an image of a suspect, design and print your own personal logo, practice perspective as you design a dream room, illustrate a story using ink and watercolors and more. Unleash your imagination and learn how you can become an art entrepreneur!

Session: 1

Date: July 13 - 17

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Bronwyn White

Location: Astronomy Classroom

Fee: \$185

Early American Farm Life

Travel back in time to the 1800's Living History Farm where we will cook over the hearth fire, tend the vegetable garden, feed the farm animals, and perform other daily chores. Explore the world of fibers, including weaving and indigo dyeing. Have fun playing games of the time period. Campers will create useful items with natural materials, and get to take them home. We'll end our week with old fashioned ice cream we make ourselves!

Session: 1

Date: July 27 - 31

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Dana Lackey

Location: Living History Farm

Fee: \$185

Rovers, Robotics and Real World Engineering

New!

Tinker with us in our Rover Workshop! In this full-day camp, campers will divide their time between building and programming LEGO® SPIKE™ Prime robots to complete autonomous missions and gaining hands-on experience soldering and testing useful gizmos for their base. No prior experience is required; however, campers should be prepared to follow safety procedures when working with tools.

Session: 1

Date: June 8 - 12

Time: 9:00am - 4:00pm

Completed Grade: 5, 6 or 7

Instructor: Eric Basso

Location: Symmes Hall Lab 3

Fee: \$385

10%
Members Receive a 10% Discount!

Looking for LEGO® Robotics?

See Pages 15-17

3D Designers: Future World

Welcome to Future World! Do you dream of building a city that meets all the needs of its people? Working individually and collaboratively as partners and teams, campers will become our Urban Planning Team as we use TinkerCAD to prototype our ideas and then create them using our 3D printing technology. Using your guidance, we'll provide architecture, hovercars, communication systems and more to our City of Tomorrow!

Session: 1

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Chris Beyerle

Location: Symmes Hall Lab 6

Fee: \$185

Session: 2

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Ken Morrill

Location: Symmes Hall Lab 6

Fee: \$185

Session: 3

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Ken Morrill

Location: Symmes Hall Lab 6

Fee: \$185

Session: 4

Date: July 13 - 17

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Chris Beyerle

Location: Symmes Hall Lab 6

Fee: \$185



Completed Grades 5, 6 or 7

2
Field
Trips!

Upstate Ecology FULL DAY

Deepen your love for nature by learning about many of the amazing plants and animals that call the Upstate their home. We'll explore the ecology of Roper Mountain through hikes, investigations and by getting up close and personal with reptiles, amphibians and many exciting invertebrates. We'll take field trips to Lake Conestee for a guided bird walk and to Table Rock State Park for an in-depth stream study. At the end of the week, we'll create our own "Treasures from Nature" display inspired by all that we have learned!

Session: 1

Date: June 1 - 5

Time: 9:00am - 4:00pm

Completed Grade: 5, 6 or 7

Instructor: Meg McKnight

Location: Harrison Hall Discovery D

Fee: \$405

Field trips are subject to availability of venue and may be cancelled or changed due to weather or other extenuating circumstances.

Digital Movie Making FULL DAY

Learn how to be a movie director and technician as you create a live action film in this fun-filled movie production camp. You'll learn how to use computer movie-editing software along with video still images to create professional-looking movies to share with family or friends or even make eye-popping documentaries for school projects!

Session: 1

Date: June 1 - 5

Time: 9:00am - 4:00pm

Completed Grade: 5, 6 or 7

Instructor: Ken Morrill

Location: Symmes Hall Lab 6

Fee: \$385

Girls: Science Matters!

Hey girls, do you think science is cool? This is the camp for you! Join us as we delve into different areas of science and become engineers, astronauts, programmers, chemists, and biologists. Along the way we will create our own LEGO stop-motion animations, visit the planetarium, break out of a forensics escape room, and so much more. Join us to find out why science matters!

Session: 1

Date: June 1 - 5

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Maggie Connelly

Location: Wilkins Conference Center

Fee: \$185



Rocketry

Ever wanted to tell people you are a Rocket Engineer? Here is your chance! In this camp we will learn the basics of rocket physics as we construct and decorate three beginner level model rockets. Model building requires patience for fine detail work and sharp cutting tools will be used. With permission, students will bring their rockets home during the week to decorate before returning them for our launch. The launch event will be held on Friday at a nearby park (weather permitting). Family members are invited to attend.

Session: 1

Date: June 1 - 5

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Jenn Romatelli

Location: Astronomy Classroom

Fee: \$235

ReDesign: ReCraft and ReUse

Utilizing all stages of the Creative Design Process, students will repurpose everyday and throwaway objects like bottle caps, cardboard, duct tape and discarded vinyl records and books into functional and decorative works of art! Using a variety of art and craft techniques including painting, sculpture, origami and collage, the ordinary will become extraordinary.

Session: 1

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Bronwyn White

Location: Symmes Hall Lab 7

Fee: \$185

Theme Park Designer

Theme Park Designer is all about bringing the excitement of theme parks to life! Campers will work in teams to design and build their own theme park models, complete with attractions, an interactive physical and digital map, and a recorded tour. They will learn how to use electronic components like Arduinos, LEDs, and sounds to bring their creations to life. Along the way, they will learn valuable skills like teamwork, problem-solving, and creativity. By the end of camp, teams will have a fully functional theme park model!

Session: 1

Date: June 8 - 12

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Ken Morrill

Location: Symmes Hall Lab 6

Fee: \$185

Register
Online
RoperMountain.org

10%
Members
Receive
a 10%
Discount!



Clear for Takeoff

FULL DAY

New!

2 Field Trips!

Intro to Remote Control Planes

Campers will take flight into the science of aviation as they explore the history of flight, aerodynamics, and the four forces of flight—lift, thrust, drag, and weight. Through hands-on activities, students will design, build, and test flying creations such as paper airplanes, balloon rockets, helicopters, and gliders while learning about Newton's Laws, Bernoulli's Principle, aircraft anatomy, and flight controls. Interactive challenges, and field trips to the WCRC Skyhawks RC Flying Field allow campers to experience flying a remote plane while observing flight principles in action, making this an exciting and educational experience for aspiring pilots and engineers.

Session: 1

Date: June 20 - 24

Time: 9:00am - 12noon
Completed Grade: Ages 12 - 15
Instructor: Chris Beyerle
Location: Symmes Hall Lab 6
Fee: \$185

Date: June 8 - 12
Time: 9:00am - 4:00pm
Completed Grade: Ages 12 - 15
Instructor: Glenn Sparkman
Location: Astronomy Classroom
Fee: \$405

Field trips are subject to availability of venue and may be cancelled or changed due to weather or other extenuating circumstances.

10%
Members Receive a 10% Discount!

Looking for
 LEGO®
 Robotics?
 See Pages 15-17



Summer Volunteer Opportunities

We are seeking enthusiastic, committed student volunteers to help with camps this summer! Volunteers may be assigned to specific camps, early drop off, extended lunch stay and/or general camp assistance as needed.

Volunteers must:

- Be at least 14 years old as of June 1, 2026
- Be at least 2 grades higher than the highest grade level for any camp to which they are assigned
- Commit to the entire duration of the camp to which they are assigned (not longer than 1 week)
- Follow all safety protocols



Which LEGO® Robotics camp is right for your student?

The chart below is a handy reference guide to all the robotics camps we offer. Campers may only register for age appropriate camps; no age exceptions will be made. "Grade" refers to the school grade your student will complete this year and/or the age corresponding to that year.

	No Experience Required	Experience Preferred	WeDo 1.0 Platform	WeDo 2.0 Platform	Scratch Based Programming	EV3 Platform	Focus on Building	Focus on Programming	Advanced Programming
Beginner Robotics Grades 1, 2	●		●				●	●	
LEGO Design Engineer Grades 2, 3	●			●			●	●	
Inventing with LEGO Spike Prime Grades 3, 4	●				●		●	●	
Robot Academy Grades 4, 5	●				●	●		●	
Mission to Mars Grades 5, 6, 7	●				●	●		●	●
NextGen Robotics Grades 5, 6, 7	●					●	●	●	
Sumo Bot Grades 5, 6, 7		●			●	●	●	●	●

Beginner Robotics

Time for an early introduction to robotics! Using the LEGO® WeDo robotics kits and software, campers will build several different robots including an alligator, an airplane, a toy spinner and more! Using motors and sensors, campers will build and program robots to complete actions and behaviors. Drag and drop software provides an easy-to-use programming environment suitable for beginners.

Session: 1

Date: June 1 - 5
Time: 9:00am - 12noon
Completed Grade: 1 or 2
Instructor: Kim Roberts
Location: Symmes Hall Lab 2
Fee: \$185

Session: 2

Date: June 8 - 12
Time: 9:00am - 12noon
Completed Grade: 1 or 2
Instructor: Kathie Fox
Location: Symmes Hall Lab 2
Fee: \$185

Session: 3

Date: June 15 - 19
Time: 9:00am - 12noon
Completed Grade: 1 or 2
Instructor: Kim Roberts
Location: Symmes Hall Lab 2
Fee: \$185

Session: 4

Date: July 22 - 26
Time: 9:00am - 12noon
Completed Grade: 1 or 2
Instructor: Kim Roberts
Location: Symmes Hall Lab 2
Fee: \$185

Session: 5

Date: July 13 - 17
Time: 9:00am - 12noon
Completed Grade: 1 or 2
Instructor: Caitlyn Ruiz
Location: Symmes Hall Lab 2
Fee: \$185

Session: 6

Date: July 27 - 31
Time: 9:00am - 12noon
Completed Grade: 1 or 2
Instructor: Julie Dabney
Location: Symmes Hall Lab 5
Fee: \$185



LEGO® Robotics

LEGO Design Engineer

Using the LEGO® Wedo 2.0 kits and software, campers will build creative robots with the opportunity to design their own modifications to the robot and programming. LEGO® Design Engineers will use their robots to enter real-world scenarios. Build a rescue helicopter and race cars! This camp builds on our

Beginner Robotics program and is recommended for students who are interested in creative challenges in programming and basic building.

Session: 1

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Coby Dixon

Location: Symmes Hall Lab 2

Fee: \$185

Session: 2

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Kathie Fox

Location: Symmes Hall Lab 2

Fee: \$185

Session: 3

Date: July 27 - 31

Time: 9:00am - 12noon

Completed Grade: 2 or 3

Instructor: Kathie Fox

Location: Symmes Hall Lab 2

Fee: \$185

Robot Academy

Campers will be introduced to the LEGO® EV3 robotics technology, as you build and program a robot to accomplish missions in FLL challenges. Concepts taught include basic moving, turning, and introduction to the EV3 sensors. This is an introductory robotics camp designed for beginners utilizing LEGO's Scratch based programing.

Session: 1

Date: June 1 - 5

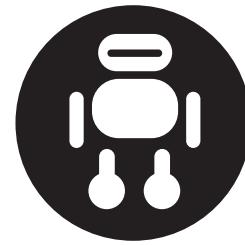
Time: 9:00am - 12noon

Completed Grade: 4 or 5

Instructor: Eric Basso

Location: Symmes Hall Lab 5

Fee: \$185



Inventing with LEGO Spike Prime

Using the LEGO® Spike Prime kits, you'll design and build robots to meet challenging scenarios. Learn how to control motors and use sensors; once you master the basics, we'll move to more advanced design challenges! Can you design and build a handheld grabber tool? A bot without wheels? A safe that unlocks based on your code? We'll learn and apply physical science and math principles along the way.

Session: 1

Date: June 1 - 5

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Coby Dixon

Location: Symmes Hall Lab 1

Fee: \$185

Session: 2

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Coby Dixon

Location: Symmes Hall Lab 1

Fee: \$185

Session: 3

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Caitlyn Ruiz

Location: Symmes Hall Lab 1

Fee: \$185

Session: 4

Date: July 20 - 24

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Caitlyn Ruiz

Location: Symmes Hall Lab 1

Fee: \$185

Session: 5

Date: July 27 - 31

Time: 9:00am - 12noon

Completed Grade: 3 or 4

Instructor: Coby Dixon

Location: Symmes Hall Lab 1

Fee: \$185

education

Spike
Prime



Register
Online
RoperMountain.org



NextGen Robotics

In our growing world, we all use technology daily. However, there are still some tasks that we do manually. During this camp we will explore the world of automation and robotics to see how we can create Lego robots to assist in our everyday lives. Using LEGO® EV3s and the engineering design process, campers will plan, build, and market their innovative robots.

Session: 1

Date: June 15 - 19

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Matt Taylor

Location: Symmes Hall Lab 5

Fee: \$185

NextGen Robotics is a new name for Robot Innovation. If you took Robot Innovation previously, this will be the same camp.

Mission to Mars

Learn to design and build robotic rovers that traverse “terrain” and sample the red planet’s ecosystem. We will map the different Mars rover landings and use real world challenges. Utilizing LEGO® EV3s, students are challenged to use design thinking to solve unexpected challenges they encounter on their mission. Join us as we study the red planet.

Session: 1

Date: July 13 - 17

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Matt Taylor

Location: Symmes Hall Lab 5

Fee: \$185

Sumo Bot

Robots Sumo Style! Using LEGO® EV3s, campers will design, build, and program their “bot” using the touch, light and/or ultra-sonic sensors then challenge another robot in a “Sumo Style” wrestling match (no destruction please!). Throughout the week, campers will re-design their bots and the week will culminate with a Sumo bot tournament.

Session: 1

Date: June 22 - 26

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Matt Taylor

Location: Symmes Hall Lab 5

Fee: \$185

Session: 2

Date: July 6 - 10

Time: 9:00am - 12noon

Completed Grade: 5, 6 or 7

Instructor: Matt Taylor

Location: Symmes Hall Lab 5

Fee: \$185

Support Roper Mountain and enjoy benefits by becoming a member!

Benefits Include:

- Unlimited admission for the household to public programs including Friday Starry Nights, Summer Adventure, and Afternoon Explorations
- Discount ticket prices for special events
- Special member communications
- Access to Summer Camp early registration & discount
- Admission benefits at more than 300 different science centers and museums through the ASTC (Association of Science-Technology Centers) Passport Program

OUR COMMUNITY PARTNERS

We gratefully acknowledge these individuals, foundations, organizations and corporations whose annual gifts have helped to support Roper Mountain Science Center.

VISIONARY - \$20,000+

BOSCH Community Fund
Dodge Industrial, Inc.
Duke Energy
Fluor Foundation
Fluor Golf for Greenville
Lockheed Martin Corporation

EXPLORER - \$15,000

BMW Manufacturing
GE Vernova

VOYAGER - \$10,000

Audacy Communications
Greenville Federal Credit Union
Jeff Lawson
Milliken & Company

ADVENTURER - \$5,000

AFL Global
Arthrex Charitable Foundation
Brian Cauthen
John R. and M. Margrite Davis Foundation
Greenville Water
HDR Foundation
ReWa
ScanSource Charitable Foundation

INNOVATOR - \$2,500

ABB
Fairway Subaru
Greenville Master Gardeners
Bonnie Jilek
Carla Rivero-Olson and Eric Olson
Piedmont Natural Gas
Publix Super Market Charities
The Timken Company

ORIGINATOR - \$1,000

Sonya and Rudy Ables
Amy and Zach Adams
Ishan and Lopa Bhansaly
Michelle and Daugenet Breaux
Candace and Brandon Bush
Erin Dainty and Kurt Yusi
Amanda and Lance Feldman
Jaritza and Ryan Pagan-Close
Laurie Theriot and Daniel Roley
Sabrina and Payton Scone
Karen and Chris Sufczynski
Kelsea and Josh Woodward

CREATOR - \$500

Ashley and Riley Anderson
Kacy and Chris Babcock
Katherine and Lincoln Barnard
Chantelle and James Beckham
Crystal and Brad Brown
Emily and Lee Bugay
Margaret and Brian Burton
Elif and Hasan Can
Megan and Michael Carter
Sarah and Peter Cleveland
Margaret and John Condrasky
Brittnii and Kerry Cooper
Loren Cragle
Amanda and Justin Davis
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