

### WHAT IS ZOOLOGY?

July 30-Aug 3 • 1pm - 4pm • Grades 3-6 • \$135

Are you interested in the study of animals? This camp is for you. You will learn different species, terminology, traits and habits of all sorts of animals.

### CODE: A SKILL FOR LIFE

July 30-Aug 3 • 1pm - 4pm • Grades 3-5 • \$135

"I think everyone should learn how to program a computer, because it teaches you how to think."~ Steve Jobs

Explore the world of code through both unplugged and unplugged activities. Code camp combines creative thinking, critical thinking and problem-solving skills for tomorrow's tech workforce.

### ENVIRONMENTAL & OUTDOOR ART - FULL STEAM AHEAD!

Aug 6-10 • 9am - 12pm • Grades 4K-2 • \$140

#### Materials Included

This camp mixes science and art as we bring new use to trash in an artfully recycled way. Explore Mother Earth's art using paper, plastic, paint and more!

### SHARK WEEK-HOO-HA-HA!

Aug 6-10 • 1pm - 4pm • Grades 3-6 • \$135

Sharks are some of the most feared creatures in the oceans. In conjunction with Discovery Channel's shark week, we will spend the week learning about these mysterious creatures as well as the whales, dolphins and large fish they interact with in their environment.

### SIMPLE MACHINE ART! SCIENCE AND ART - FULL STEAM AHEAD!

Aug 13-17 • 9am - 12pm • Grades 4K-2 • \$140

#### Materials Included

What does it look like when science and art collide? You'll find out this week as we explore simple machines. We'll catapult paint bombs, sketch with a pendulum and more. Join us for this wacky, fun week!

### LEARN ENGINEERING USING MINECRAFT

Aug 13-17 • 9am - 12pm • Grades 2-5 • \$135

In recent years, the benefits of Minecraft have come to light as a popular avenue to inspire and engage students in STEM fields such as coding, video game design and more. Bring your own device with Minecraft loaded on it and learn engineering skills using this fun game!

### THE EARTH ROCKS ON!

Aug 13-17 • 1pm - 4pm • Grades 2-5 • \$135

Volcanoes, earthquakes, tsunamis, gemstones and fossils share the lineup this week. Geology has never been so much fun! If you love collecting rocks and want to know more, this is the camp for you!



# 2018 CAMPER REGISTRATION

Camper's name: \_\_\_\_\_

Age: \_\_\_\_\_ Grade as of 9/1/2018: \_\_\_\_\_

Parent/Guardian Name: \_\_\_\_\_

School Attending: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Email Address: \_\_\_\_\_

Mobile/Day Phone: \_\_\_\_\_

Emergency Contact: \_\_\_\_\_

Allergies: \_\_\_\_\_

Additional considerations we should know: \_\_\_\_\_

Date(s)	Camp Requesting	Amount Due
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

TOTAL AMOUNT DUE: \_\_\_\_\_

*I hereby give approval for my child to participate in Science Camp activities during the above date(s), and release the Spartanburg Science Center and personnel from any responsibilities for accident or injury resulting from any negligent act of the above child. I am also allowing for the child to be photographed and used in Science Center materials.*

Parent/Guardian Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Please mail this registration form with payment to

The Spartanburg Science Center  
200 E. St. John Street  
Spartanburg, SC 29306

Any walk-in registrations should be placed in the blue drop box outside the Science Center doors. REGISTRATION FORM MUST ACCOMPANY PAYMENT - INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED. \*\*Please allow 2 weeks for registration to process. You will receive an email confirmation.

**Refund Policy:** 10 days prior to camp date, 75% refund less a \$10 handling charge. 3-9 days prior, 50% refund less a \$10 handling charge. <3 days prior, no refund. Please note: If a camp does not reach the minimum number of required campers by 3 weeks prior to the start date, SSC reserves the right to cancel the camp and refund 100% of tuition.



SPARTANBURG  
**SCIENCE CENTER**  
excite • engage • educate



## **VIRTUAL REALITY**

**June 4-8 • 1pm – 4pm • Grades 4-6 • \$135**

**Class size limited to 12**

Virtual Reality technology is most commonly used in gaming and 3D cinema, but is also a vital part of manufacturing and other careers. In this computer-simulated environment, campers will explore the entire galaxy with the exciting realm of VR!

## **A WALK WITH MR. GREEN!**

**June 11-15 • 9am – 12pm • Grades 1-4 • \$135**

**Meets at Hatcher Garden!**

Get ready to explore the outdoors! Become a naturalist as we learn how plants and animals work together to create ecosystems. We will explore the plants, animals, and insects that call Hatcher Garden home.

## **WEDO ROBOTICS 1.0**

**June 11-15 • 9am – 12pm • Grades K-3 • \$135**

Build and program robots in this introductory robotics class using the LEGO WeDo system. Learn basic programming skills, simple engineering concepts, and the names of robot components. Work in small groups to complete several projects using tilt and motion sensors. This is a great way to prepare young robotics enthusiasts for our more advanced programs.

## **PRESCHOOL FAIRY TALE SCIENCE**

**June 11-15 • 9am – 12pm • Grades 4K-1 • \$135**

**Limited Space**

Magic and potions, oh my! Hear a fairy tale every day, and learn the corresponding science. Then, match up an experiment to the story. This is a great way to introduce science to your very young ones!

## **MARINE BIOLOGY**

**June 11-15 • 1pm – 4pm • Grades 6-9 • \$135**

Are you headed to the beach this summer? Come and learn about what you might find on the beach! Discover what lives in our oceans!

## **THE AMAZING WORLD OF INVERTEBRATES**

**June 11-15 • 1pm – 4pm • Grades 3-5 • \$135**

Do you like insects, worms and coral? Did you know that the majority of all known species on Earth are invertebrates? Invertebrates are mainly defined as animals that do not develop a vertebral column, commonly referred to as a backbone. These animals are vital to ecosystems. Come learn more about them!

## **WEDO ROBOTICS 2.0**

**June 18-22 • 9am – 12pm • Grades 3-5 • \$135**

WeDo 2.0 is where campers will master the skills of the Lego WeDo robot. Campers will complete a variety of engaging challenges that will promote critical thinking, problem solving skills and creativity. Campers will also practice coding with other robots like the BeeBot, Roamer, and Lego EV3 robot.

## **A HERPETOLOGY FIELD**

**STUDY WITH MR. PETER**

**June 18-22 • 9am – 12pm • Grades 7-9 • \$135**

Explore the world of herpetology outside with our Biologist. Get up close and personal with snakes native to our area! ***This camp meets at Johnson Lake at Camp Croft.*** Directions will be given at the time of registration.

## **EXPLORE, MAKE, SHARE A MAKERS-SPACE CAMP**

**June 18-22 • 1pm – 4pm • Grades 3-5 • \$145**

**\$10 material fee included**

Combine creative thinking with artistic and scientific principles to complete a variety of design challenges. "Logic will get you from A to B. Imagination will take you everywhere."-Albert Einstein

## **OUTER SPACE ART CAMP SCIENCE AND ART - FULL STEAM AHEAD!**

**June 18-22 • 1pm – 4pm • Grades 4K-2 • \$140**

Experience space through art in this fun-filled week as we explore the solar system through an artist's lens. You'll paint and create some out-of-this-world masterpieces!

## **THE WONDERFUL WORLD OF ANIMALS**

**June 25-29 • 9am – 12pm • Grades 1-4 • \$135**

Do you want to learn about all kinds of animals? Would you like to hold the animals, and learn about their environments and habitats? Come and join Mr. Green as he explains animals!

## **WHEN DINOSAURS ROAMED THE EARTH!**

**June 25-29 • 9am – 12pm • Grades 2-5 • \$135**

Join us for a weeklong study of dinosaurs and what we have discovered about them! Learn about new discoveries and how these fascinating creatures are related to some animals still living on earth!

## **CREATIVE CONSTRUCTION**

**June 25-29 • 1pm – 4pm • Grades 1-4 • \$135**

Do you like to build and challenge yourself with construction problems? This is the camp for you! Compete and build and work in teams to complete a building project while learning to use different building materials

## **BE READY FOR ALGEBRA 1**

**June 25-29 • 1pm – 4pm • Grades 7-8 • \$135**

**Class size limited**

Are you enrolled in Algebra 1 next year and want to start the first day of school knowing the basics? Come to camp and learn in a participatory way what concepts you need to know. We promise there will be no hours of working equations, but learning the basics of algebra that will start you off right this fall!

## **STEAM CAMP**

**July 9-13 • 9am – 12pm • Grades 3-5 • \$140**

**Materials Included**

During camp we will use Science, Technology, Engineering, Art and Mathematics as access points for guiding student inquiry, dialogue, and critical thinking. Campers will create rocks, robots, race cars, and more in this fun and exciting camp! Our camp will conclude with a cardboard creation challenge.

## **MIDDLE SCHOOL CODING PROJECT**

**July 9-13 • 9am – 12pm • Grades 7-9 • \$100**

**Wednesday-Friday Only! Class size limited**

Are you interesting a working with a college professor to learn coding and cloud computing? This camp is only THREE DAYS (W-F) but you will experience project work as if you were in a college classroom. Coding is the key to a career in computer programming!

## **EXPLORING THE COTTONWOOD TRAIL WITH A BIOLOGIST**

**July 9-13 • 9am – 12pm • Grades 3-5 • \$135**

**This camp meets at Cottonwood Trail beginning off of Beechwood Drive**

Join our biologist every morning this week and learn what lives in our community. Explore animals, insects and plants in their natural habitats. Learn first hand the signs and sounds of the world we share with nature!

## **WHAT'S OUT THERE? A SPACE CAMP**

**July 9-13 • 1pm – 4pm • Grades 3-5 • \$135**

Join us for a close look at the planets and the stars of our solar system. Learn about the Milky Way and take a trip through the galaxy. Experience a planetarium show or two in our own Star Lab.

## **FRACTIONS MADE EASY!**

**July 9-13 • 1pm – 4pm • Grades 3-5 • \$135**

Do fractions bother you in math class? Do you want to get ahead and know fractions next school year? This camp is your key to learning and understanding fractions! They look complicated, but they aren't! You'll be surprised - math can even be fun!

## **WEDO ROBOTICS 1.0**

**July 16-20 • 9am – 12pm • Grades K-3 • \$135**

Build and program robots in this introductory robotics class using the LEGO WeDo system. Learn basic programming skills, simple engineering concepts, and the names of robot components. Work in small groups to complete several projects using tilt and motion sensors. This is a great way to prepare young robotics enthusiasts for our more advanced programs.

## **FOOD CHEMISTRY**

**July 16-20 • 9am – 12pm • Grades 1-4 • \$140**

**Materials Included**

How is chemistry a part of our food? What goes into making our food and what experiments can we do with food? Campers will enjoy hands-on experiments while creating cool edible science! (Children with food allergies of any kind should not participate in this camp!)

## **REPTILES AND AMPHIBIANS**

**July 16-20 • 1pm – 4pm • Grades 3-5 • \$135**

Why do reptiles scare people? What makes frogs so alluring? Discover these amazing animals and learn about their environment and habitats. Their interesting life cycles and habits may surprise you!

## **PRE-ALGEBRA JUMP START**

**July 16-20 • 1pm – 4pm • Grades 6-8 • \$135**

Help your child develop a strong base of understanding for the concepts that often cause middle school students the most confusion. You'll learn strategies and games to aid in problem solving.

## **WEDO ROBOTICS 2.0**

**July 23-27 • 9am – 12pm • Grades 3-5 • \$135**

WeDo 2.0 is a camp where you will master the skills of the Lego WeDo Robot. Campers will complete a variety of engaging challenges that will promote critical thinking, problem solving skills and creativity. You will also practice coding with other robots like the BeeBot, Roamer, and Lego EV3 robot.

## **SIMPLE BASIC CHEMISTRY**

**July 23-27 • 9am – 12pm • Grades 5-8 • \$135**

Your budding chemist may enjoy attending this chemistry camp. Hands-on experiments will help kids connect real-world situations with science. Campers will also learn academic concepts, such as the periodic table and chemical compounds.

## **VIRTUAL REALITY**

**July 23-27 • 1pm – 4pm • Grades 4-6 • \$135**

**Class size limited to 12**

Virtual Reality technology is most commonly used in gaming and 3D cinema, but is also a vital part of manufacturing and other careers. In this computer-simulated environment, campers will explore the entire galaxy with the exciting realm of VR!

## **UNDERSTANDING GEOMETRY**

**July 23-27 • 1pm – 4pm • Grades 6-9 • \$135**

**Class size limited to 12**

In this camp, students will "play" with the relationship between two-dimensional and three-dimensional shapes. Campers will use many fun and unique materials to construct their own three-dimensional figures. They will also play a variety of games that enhance their logic and reasoning skills with geometry and numbers.

## **WHAT YOU CAN LEARN FROM BONES!**

**July 30-Aug 3 • 9am – 12pm • Grades 3-6 • \$135**

Have you ever wondered what you can learn from bones? Learn to examine, identify and tell the story of real bones by looking at real x-rays and more. It's sure to be a fun week!

## **TINKERING WITH MACHINES: FORCES AND MOTION AT WORK!**

**July 30-Aug 3 • 9am – 12pm • Grades 3-5 • \$135**

From Rube Goldberg machines to machines that make our lives easier! You will learn how to use force and motion to design and understand the world's most popular machines.

**BE SURE TO "LIKE" AND "FOLLOW" OUR FACEBOOK PAGE @SPARTANBURG SCIENCE CENTER FOR ALL CAMP UPDATES.**

Ages are based off incoming/rising grade levels. We cannot grant exceptions. If your camper wishes to attend both the AM and PM sessions, they may bring a lunch and participate in the supervised lunch period from 12:00-1:00PM at no additional charge. Parents should take note of our cancellation and refund policy on the registration form. All registrations must be received in advance of the camp; we are no longer able to accommodate walk-in registrations at the time of the camp.