



FOURTH GRADE

You will receive three of the four 55-minute learning labs in the “experience” grouping.

Fourth grade teachers may request a second visit for an additional unique experience.

Physical Science and Astronomy Experience Power of Light

Symmes Hall of Science — 55 Minutes

Come see if you have what it takes to save the day! Working in collaborative teams, students will use special equipment to take advantage of the properties and behaviors of light to help the superhero Rohawk escape! Will you be able to use interactions of light with materials to save Rohawk?

2014 Science Standards: 4.P.4A.1, 4.P4A.4, 4.P4A.5, 4.S1A.2

Weather Together



Symmes Hall of Science — 55 Minutes

Wind, storms, and tornadoes! Oh my! Through hands-on activities students will explore weather safety and relationships within weather systems that lead to storms. Be wowed by tornado and lightning demonstrations and learn how to stay safe by putting the factors of weather together.

2014 Science Standards: 4.E.2B.2, 4.S1A.2

Exploring Sound

Symmes Hall of Science — 55 Minutes

Help solve the mystery on the Mars rover! Using special software and technology, students will detect the pitch and volume of a dangerous vibration. Students will work in teams using their problem solving skills to engineer and test a solution to stop the vibration!

2014 Science Standards: 4.P.4B.2, 4.S.1A.3, 4.S.1.B.1

Solar Exploration

Symmes Hall of Science — 55 Minutes

Students will become solar adventurers as they take an in-depth look at earth’s seasons and how the sun’s light intensity changes throughout the year. They will also explore moon phases and discover how the sun affects which moon phase is seen here on Earth.

2014 Science Standards: 4.E.3B.1, 4.E.3B.4

Continued on next page.



A 402 Roper Mountain Road
Greenville, SC 29615

P 864.355.8900 F 864.355.8948

RoperMountain.org



[CLICK HERE FOR REGISTRATION FORM](#)

4TH



FOURTH GRADE

Continued from previous page.

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Life Science and History Experience Amphibians and Insects - Characteristics and Growth

Harrison Hall of Natural Science — 55 Minutes

Poison glands, slimy skin, and armored bodies are just a few of the superhero-like adaptations students will explore in this lesson while getting up close to animals like beetles, moths, and salamanders.

2014 Science Standards: 4.L.5A.3, 4.L.5B.3

Our Water Story

Environmental Science and Sustainability Building — 55 Minutes

You never knew how exciting the water cycle could be until you’ve experienced it here at Roper Mountain. Students will explore all the parts of this process through engaging and exciting hands-on activities that include snow storms, cloud chambers and instant snow towers.

2014 Science Standard: 4.E.2A

Sponsored by:



Exhibit Exploration

Environmental Science and Sustainability Building — 55 Minutes

Utilizing our immersive Water Story exhibit, students will take off on a scavenger hunt and get the opportunity to fully explore and learn about how the water cycle affects the Upstate. Students will also have the opportunity to view up close some of the awesome animals that live in our area and depend upon clean water.

2014 Science Standards: 4.E.2, 4.L.5

American Revolutionaries

Living History Farm — 55 Minutes

By taking part in a reenactment, students will discover the hardships of military life as well as how the battle of Cowpens was a decisive turning point in our fight for freedom. Students will discover Revolutionary War spy techniques as they help to convey a secret message!

Social Studies Standards: 4.2.CE, 4.2P, 4.2CX



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Roper Mountain

2022-2023 Scheduling Request Form

Mail form to:

Roper Mountain Science Center
 Education Office
 402 Roper Mountain Road, Greenville, SC 29615

Or email form to:

Elementary abuckmaster@greenville.k12.sc.us
 Middle liphilli@greenville.k12.sc.us

Questions?

Elementary **864.355.8967**
 Middle **864.355.8925**

Priority Registration Deadline September 9, 2022

We will continue to accept registrations after original priority deadline expiration.

School: _____ District: If not Greenville County Public School _____

Mailing/Billing Address: Required if not Greenville County Public School _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Please rank (1-9) the months you prefer to visit. Do not rank months you are not willing to attend

___ Sept. ___ Oct. ___ Nov. ___ Dec. ___ Jan. ___ Feb. ___ Mar. ___ Apr. ___ May

Teacher One

Name: _____
first last

E-mail: Please print clearly _____

Grade: ___ # Students: ___ Check here for no picnic

First Grade**Year-Round**

Year-Round Adventure

May Only (please rank)

Light & Sound **OR** Down on the Farm **OR**

Natural Science

Second Grade (please rank)

Option A **OR** Option B **OR** Option C

Third Grade (please rank)

Natural Science Discovery **OR** Farm and Science Discovery

Fourth Grade (please rank)

Life Science & History **OR** Physical Science & Astronomy

Fifth Grade (please rank)

Matter **OR** Earth & Ecosystem **OR** "Sea" It In a Day

Sixth - Eighth (please rank)

List learning labs in YOUR grade level (**Grades 6 - 8**) you would like to attend in order of preference with 1 being your first choice.

1. _____
2. _____
3. _____

Special education teachers:

Please list the instructional level of students and any special requirements.

Teacher Two (sharing bus)

Name: _____
first last

E-mail: Please print clearly _____

Grade: ___ # Students: ___ Check here for no picnic

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Year-Round Adventure

May Only (please rank)

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Natural Science

Second Grade (please rank)

Option A **OR** Option B **OR** Option C

Third Grade (please rank)

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Fourth Grade (please rank)

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List learning labs in YOUR grade level (**Grades 6 - 8**) you would like to attend in order of preference with 1 being your first choice.

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