4TH



A 402 Roper Mountain Road Greenville, SC 29615

P 864.355.8900

RoperMountain.org



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 Experience

Light Heist

Symmes Hall of Science - 55 Minutes

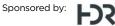
There's been a theft! In this "whodunit" lab, students will use properties of light to discover which suspect stole a precious sculpture. Working as detectives, students will use special equipment to investigate shadows, light mazes, light reflection, and color filters. The evidence will shine a light on the guilty party! Science Standards: 4-PS4-2.

Sponsored by: Scansource

Powerful Decisions

Symmes Hall of Science – 55 Minutes

It's electric! After exploring different energy transformations, students will build circuits and try to power multiple devices simultaneously. Small groups will then wire their individual "homes" with a limited supply of electricity, powering the devices they deem most important. What will you power in your home? Science Standards: 4-PS3-2, 4-PS3-4



Need for Speed

Symmes Hall of Science – 55 Minutes

Full speed ahead! In this "fast-paced" lab, students will collect real-time motion data from specialized cars and instantaneously view the resulting graphs. Using their data, students will examine the relationship of speed to energy and help Meevil the Weevil complete several feats. If you're a thrill seeker, this challenge is for you!

Science Standards: 4-PS3-1, 4-PS3-3

Patterns Lab Escape

Symmes Hall of Science - 55 Minutes

Did you get the message? Students will be volunteers in Dr. Patty Turner's lab and help her research how patterns are used to transmit information. Using patterns of light, sound, morse code, and more, students will decipher codes and unlock secrets of communication. Can you solve the puzzles and decrypt the final challenge in time?

Science Standards: 4-PS4-3



Continued on next page.

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Life Science and History Experience Coastal Catastrophes

Environmental Science and Sustainability Building - 55 Minutes

They huff and puff and blow your beaches away. Each year hurricanes, earthquakes, and floods are responsible for massive changes to coast lines all over the world. Students will combat various natural disasters as they test a variety of beach erosion solutions and design earthquake engineering solutions. Science Standards: 4-ESS2-1, 4-ESS3-2

Sponsored by: Milliken,

The 6th Sense

Harrison Hall of Natural Science - 55 Minutes

I see living animals. How do snakes hunt underground? How do owls use night vision to survive? How do bats find their food at night? Students will answer these questions and so many more as they explore the world and solve animal sized problems using a variety of animal sixth senses! Science Standard: 4-LS1-2

Creepy Crawlies

Environmental Science and Sustainability Building - 55 Minutes

"Venom glands, slimy skin, and armored bodies are just a few of the superhero like structures students will explore in this lesson while getting up close to animals that creep, slither, and crawl. " Science Standards: 4-LS1-1

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

CLICK HERE FOR REGISTRATION FORM

Roper Mountain

2024–2025 Elementary Scheduling Request Form

Email form to: abuckmaster@greenville.k12.sc.us Questions? 864.355.8967

Priority Registration Deadline August 23, 2024 We will continue to accept registrations after original priority deadline expiration.

- Please fill out forms for each teacher and class (ex. 6 Classes = 3 Forms...)
- All teachers on a grade-level should submit requests together if they want to be scheduled together (if possible). Include Special Education classes if needed.

School:	: District: If not Greenville County Public School				
Mailing/Billing Address: Required if not Gree	enville County Public Scho	ol			
City:	State:	Zip: _		_ Phone:	
Please rank (1-9) the mo	nths you prefer to vis	it. Do not rank mor	nths you are not	willing to attend.	
Sept Oct Nov.	DecJan	nFeb	_MarApr	May (1st Grade only)	
Teacher		Teach	er		
Name:		Name:			
first E-mail: Please print clearly	last	E-mail: Ple	first ease print clearly	last	
Grade: # Students:	Grade:	Grade: # Students:			
First Grade Year-Round Year-Round Adventure May Only (please rank) Light & Sound or Down on the F	ārm or	May Only (d Round Adventure (please rank)] Down on the Farm or	
Second Grade (please rank)	otion C	_	Grade (please rank	k) n B or Option C	
Third Grade (please rank) Natural Science Discovery or		Third Grade (please rank)			
Fourth Grade (please rank) Life Science & History or Physical S		Fourth Grade (please rank) Life Science & History OR Physical Science Experience			
Fifth Grade (please rank) Matter or Earth & Ecosystem or		Fifth Grade (please rank) Matter or Earth & Ecosystem or "Sea" It In a Day			
Special education teachers: Please list the instructional level of students and a	any special requirements.	-	ducation teache	ers: of students and any special requirements.	
OFFICE USE ONLY Date Received	ered Spreadsheet 🛛	Entered Altru			
Program Scheduled	Date		loffer	□ Accepted □ Declined	

Received

Alternative Offer