

2ND



SECOND GRADE

Second Grade Explorations

An exciting day of learning awaits your students as they explore multiple immersive lessons! Besides taking part in two different 45-minute learning lab pairings of your choosing, students will also experience an engaging planetarium presentation. 9:30am - 1:00pm.

Planetarium Show *Life of Trees*



The Life of the Trees is an entertaining and educational full dome experience that explores the fascinating world of trees. The story is presented by two quirky animated characters: a ladybug called DOLORES and a firefly called MIKE. The characters and the settings discover how trees are essential for all life on Earth. The Life of Trees shows the importance of plants for life on earth, how trees grow, how they transport water against gravity to the top of the crown, and enable diverse life on earth by producing oxygen.
Science Standards: 2-LS2-1

Along with the planetarium show,
choose one of the following three options:

Option A (see lab descriptions on following page)
Erosion Commotion
AND
Animal Explorations

Option B (see lab descriptions on following page)
Nature Quest
AND
Surviving In the Wild

Option C (see lab descriptions on following page)
Our Home: Then & Now
AND
Our Farm: Then & Now

Continued on next page.



A 402 Roper Mountain Road
Greenville, SC 29615

P 864.355.8900 F 864.355.8948

RoperMountain.org



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SECOND GRADE

Continued from previous page.

Along with the “Life of Trees” planetarium show, choose one of the following three options:

Option A - Environmental Science Building Erosion Commotion

New!

Using stream tables, students will make it rain and then flood to observe how water changes the shape of the land and causes erosion commotion to a neighborhood community. After observing the rain events, teams will need to engineer solutions to prevent the neighborhood from washing away.
Science Standard: 2-ESS2-1

Animal Explorations

Students will compare the diversity of animals that live in our pond and forest habitats on Roper Mountain, such as frogs, salamanders, insects, and snakes. By observing the structures of live animals, students can then infer how the structures help them function and survive in certain habitats.
Science Standard: 2-LS4-1

Option B - Harrison Hall of Natural Science Nature Quest

Students will enjoy a guided nature walk through different environments to discover how animals and plants depend upon their habitats to survive. Emphasis will be placed on diversity of life found in land and in the water.
Science Standard: 2-LS4-1

(NOTE: in the event of inclement weather, and in winter students will remain indoors and explore the rainforest and other habitats)

Surviving In the Wild

From the mountains to the sea, students will explore different habitats within SC in our Ecology Lab and discover how plants and animals survive in these awesome habitats.
Science Standard: 2-LS4-1

Option C - Living History Farm Our Home: Then & Now

Explore change over time in the way Americans live, work and play. Using artifacts from the 1800s, students will assist with tasks around our historic log cabins, learn about historic clothes and toys, and make a dipped candle to take home!

Social Studies Standards: 2.H.3, 2.G.3

Our Farm: Then & Now

Students will experience a bygone era of farming and rural life by participating in 1800s farm chores, noting patterns of continuity and change as we observe plant needs, pollination, and seed dispersal while working in our heritage garden; visit our blacksmith shop and one-room schoolhouse; and care for our farm animals.

Social Studies Standards: 2.H.3, 2.G.3 Science Standards: 2-LS2-1, 2-LS2-2



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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.

- _____
- _____
- _____

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

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.

- _____
- _____
- _____

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

