

2ND

Second Grade



Second Grade Explorations

Up to four classes rotate through four different 45-minute learning labs. Learning labs are standards-based and contain inquiry activities for students. Lunch will be scheduled as part of your visit.

Nature Quest/Life Cycles

EQ: What are some ways animals and plants depend on each other for survival?

It takes cooperation to survive! Students will enjoy a guided nature walk with a naturalist to discover how the animals and plants in their environment rely upon each other as a source of nutrients and shelter. Emphasis will be placed on field safety and scientific observation. **Science Standard: 2.L.5B.1.**

(NOTE: in the event of inclement weather, students will remain indoors and participate in a Life Cycles lesson)

What Is an Animal?

EQ: What are some physical characteristics of the major animal groups (bird, reptile, mammal, amphibian, reptile, fish, and insect)?

Come explore the Animal Kingdom! Through classification, students will become familiar with the physical characteristics of animals belonging to six basic groups including: Mammals, Birds, Amphibians, Reptiles, Fish, and Insects. Hands-on time with a variety of live and mounted animals will make this an exciting learning experience. **Science Standard: 2.L.5A.1.**

Surviving In the Wild

EQ: What is needed for an animal to survive in its natural environment?

From the mountains to the sea, students will discover what animals need in order to survive wherever they live. Students will visit and explore our specially-designed animal habitats and compare them with what an animal needs to survive in the real world. Students will then consider the consequences if those needs are not met. **Science Standard: 2.L.5B.1.**

Weather Explorers!

EQ: What are some tools that can be used to measure and record weather conditions?

Students will examine thermometers, wind vanes, rain gauges, and wind socks to learn how these instruments are used to measure and record weather. From using thermometers to observing bubbles, this lab will blow you away! **Science Standards: 2.E.2A.1, 2.E.2A.2, 2.E.2A.3.**



**Roper Mountain
Science Center**

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Greenville, SC 29615

P 864.355.8900 F 864.355.8948

RoperMountain.org



Roper Mountain Science Center 2016–2017 Scheduling Request Form

Please note:

For Grades 4 – 12 you will be scheduled for TWO learning labs/day unless you check HERE ____ indicating you only want one learning lab.

Mail form to:

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

Or fax form to:

864.355.8950 or 8948

Registration Deadline September 2, 2016

School: _____

District: If not Greenville County Public School _____

Mailing/Billing Address: Required if outside of Greenville County _____

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

☐ Adventure Day

Second Grade

☐ Exploration Day

Third Grade (please rank)

☐ Science Discovery **OR** ☐ SC In A Day

Fourth – Twelfth (please rank)

List learning labs in YOUR grade level (**Grades 4 – 12**) you would like to attend in order of preference with 1 being your first choice. Please **do not** list learning labs you aren't willing to attend.

1. _____
2. _____
3. _____
4. _____

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

☐ Adventure Day

Second Grade

☐ Exploration Day

Third Grade (please rank)

☐ Science Discovery **OR** ☐ SC In A Day

Fourth – Twelfth (please rank)

List learning labs in YOUR grade level (**Grades 4 – 12**) you would like to attend in order of preference with 1 being your first choice. Please **do not** list learning labs you aren't willing to attend.

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