

# 3<sup>RD</sup>

## Third Grade



### Natural Science Discovery Day

You will receive three of the four 60-minute learning labs in the following “Discover” group. Learning labs will be at 9:30am, 11:15am, and 12:25pm. Lunch will be scheduled from 10:40am to 11:10am.

Also see the “South Carolina in a Day” 3rd grade option on the next page.

### Discover

Ecosystems, Energy, and Engineering Practices

#### Marine Exploration Marine Lab **New!**

Examine marine life up close and personal as you explore our marine habitat and discover how they can only survive in environments where their basic needs are met. **Science Standards 3.L.5, 3.L.5A**

#### Fossils: Discover the Past Paleo Lab

In this hands-on lesson, students become paleontologists as they examine and investigate our fossil collection and learn about the past, culminating in a visit to the fossil pit where they have a chance to discover sea-life fossils that they can take with them. **Science Standards 3.L.5B.3**

#### Rainforest Adventures: Poison Dart Frog Discovery

Rainforest Classroom

What makes a poison dart frog poisonous while other frogs are not so deadly? Explore the tropical rainforest and the role this fascinating creature plays in the food chain. View a real poison dart frog and with some other not-so-dangerous frogs and toads. **Science Standards: 3.L.5.1; 3.L.5.A.2; 3.L.5B.1**

#### Pollinator Engineers Ecology Lab

Students will explore how changes in habitats can be harmful and helpful to the organisms that live there. They will learn about the field of agricultural engineering (bioengineering), the role of insects in pollination, and the technology involved in hand-pollination as they are challenged to create and test pollination devices to solve an engineering challenge. **Science Standards: 3L.5B.1; 3.L.5B.2**



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## Third Grade



### South Carolina In A Day

Social Studies and Science Experience

9:30am to 1:30pm

Up to four school classes rotate through four different 45-minute learning labs. Learning labs support both the Science and Social Studies state standards around the theme of our Palmetto State: South Carolina. Lunch will be scheduled as part of your visit. Not available in January.

#### S.C. Daily Life in the 1800s Living History Farm

Travel back in time with your students as they discover what life was like for independent farmers who lived in the South Carolina backcountry during the early 1800s. By participating in the daily chores that were required in the barn, garden, farmhouse, and kitchen, students will learn how these families scratched out a living on the Carolina frontier and compare their lifestyle to those of other social classes living throughout the rest of the state. **Social Studies Standards: 3-1.3, 3-4.1**

#### African Influence and the Soul of S.C. Living History Farm

Discover the cultural and economic impact of Africans upon South Carolina during the antebellum era by exploring our authentic local slave cabin for an eye-opening look at the living conditions of slaves and sharecroppers. Through participating in hands-on activities in our heirloom garden, students will evaluate the impact of the skills and knowledge utilized by slaves in successfully growing South Carolina's major cash crops of indigo, rice, and cotton. **Social Studies Standards: 3-1.3, 3-2.5**

#### Carolina Treasures: Our State's Minerals Mineral Lab

What is a mineral? How are minerals used? These and other questions will be answered as students discover there are mineral treasures buried under their feet that have important roles in our everyday lives. Our "mineral detectives" will refine their inquiry skills by determining the physical properties and uses of a set of products mined in South Carolina. They'll also learn about the formation of crystals, and pan for "Fool's Gold." **Science Standards: 3.E.4A.1, 3.E.4A.3**

#### Animals of the Palmetto State Natural Science Classroom

Through handling and closely examining a variety of live animals, students will discover ways in which these unique organisms obtain food for energy within specific South Carolina habitats. **Science Standards 3.L.5, 3.L.5A**



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