Environmental
Education
Programming
2017-2018

Beaufort Conservation District 124 Lady's Island Dr. Beaufort SC 29907 Mail:PO Box 70 Port Royal, SC 29935 bswcd@islc.net (843)255-7306



www.beaufortconservationdistrict.org

<u>Soil Tunnel:</u> Students crawl through 'the earth' to explore our tunnel of roots, decomposers, animals habitats, wells, septic tanks, and handle earthworms. 2 program minimum. Pre-K-2nd

<u>Cargo for Conservation:</u> Explore US Fish & Wildlife kit containing products made from endangered species, learning how habitat loss leads to endangerment and extinction. All ages.

<u>Adaptations--Keys to Survival:</u> Examine structural, behavioral, instinctive and protective adaptations that allow some species to survive while others disappear. All ages.

Polar Habitats: Learn how animals adapted to survive in frigid environments. Very hands-on. Pre-K -2nd.

<u>Fossils...A Blast From the Past:</u> Examine fossils of plants and animals from our distant past. Dig in phosphate soil and identify fossils using reference keys. ***Need 3 to 4 weeks to order bucket of phosphate soil. K-5

<u>Trees are very Important</u> to people and wildlife. Learn how trees are vital to our well-being. We can help you plan an Arbor Day Celebration. **South Carolina Arbor Day is December 1, 2017.**



Spiders

SC Fur Bearers

What Makes a Bird?

Animal Programs





Mammal Hair & Fur

Beaks & Feet, How Birds Eat

Snakes (featuring Checkers the snake)

Horns & Antlers

Tails, What Animals are Telling us

Owl Pellets

** Water Quality & Marine Life programs listed on the other side.

- All programs have <u>portable tubs</u> with pictures, models, preserved specimens, and activities to immerse students in the topic. <u>Ask us about environmental science topics not listed</u> and we may be able to accommodate you.
- All programs have been designed on factual knowledge base and aligned with <u>SC Science Standards</u>.



- <u>Safety and conservation practices</u> are built into all lessons. We encourage children to be safe and to respect the environment we live in.
- \$25.00 per program per class size (no greater than 25 students). Watch for specials & grants through emails.
- Programs are 45 minutes to 1 hour. Schedule by sending us possible dates, time of day, and number of classes.
- Check website listed at top for more details or call 843-255-7306 Office hours 9am to 2pm weekdays. (Usually)

or email **bswcd@islc.net**. We return messages by next business day.

Denise Parsick, Commissioner & Education Specialist; BA, MA Education —Our Turtle Lady for Hunting Island State Park Pam Floyd, Education Coordinator BS, MS Marine Science—active Master Naturalist Debby Way, Education Specialist; BA Education—active Master Naturalist

Resources available at our office and with our partners

NRCS -Natural Resources Conservation Service website Teachers and Students or www.nrcs.usda.gov



& SC Department of Natural Resources at http://www.dnr.sc.gov/education/tr.html
http://www.dnr.sc.gov/marine/NERR/education.html





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Water Quality Programs



The Enviroscape: Visual hands-on model for teaching point and non-point source pollution Students apply pollutants to a watershed and then watch the rain wash into waterways. All ages.

The **Groundwater Model**:

Water Cycle focuses on water under the ground and explains underground connectivity through wells, lakes, and how our actions above ground effect part of our water cycle. 5th grade & up.

A Grave Mistake: Students use deductive reasoning and mapping skills to investigate arsenic contamination in a water supply. 5th grade & up.



Marine Life Programs

Beach in a Bag: Students handle a variety of local shells to learn about their adaptations and ecosystems. All ages.

Sharks Don't Always Bite: Learn all about sharks physiology, behavior, and feeding habits. All ages.

Horseshoe Crabs: Lean all about these unusual crabs and how they help humans! In the spring, we will try and bring a live one in for students to study. All ages.



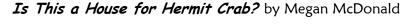
Dolphin Necropsy: Use deductive reasoning in simulated dolphin "autopsy" to investigate how these virtual dolphins died. 5th grade & up.

Interpretive Sands Tour: Take an interpretive marsh/river walk at the Sands Beach in Port Royal. Tour ends with students searching for shark's teeth. All ages.



Interactive Books Pre-K to 1st:

One Tiny Turtle by Nicola Davies



Harry Horseshoe Crab By Suzanne Tate Will

Mister Seahorse By Eric Carle

Interactive Reading of above books with Live Critter if available.





- Programs are \$25.00 each. Class size limited to 25 students for hands on participation. Watch for other specials via email through grants & special projects through the year. We do arrange discounts with schools asking for multiple programs.
- Email program requests with possible dates, number of classes, grade levels, and the times of day. Most programs take 45 minutes to an hour depending on grade level.
- If we don't have what you're looking for, ask and we will let you know if we can provide a program or get you in touch with one of our partners in environmental education.

Email bswcd@islc.net or Call 843-255-7306

Mission: Help people conserve, maintain, and improve our natural resources and environment by promoting wise land use practices, environmental education and technical assistance.

