

Cape Lookout Excursion and Down East Culture

Lesson Choices Grades K-7

Lesson Plan Options: These represent quick summations of potential lesson designs.

Activity- Duck Head Painting - Learn about the types of ducks being painted while learning basic painting techniques. **ART/ SCI**

Activity- Decoy Carving- Children learn about the history and tradition of carving decoys while observing a carver's skill and techniques handed down over generations. **ART/ SCI/MATH**

Activity- Growing Up Down East - Visit with a native "Downeaster" who shares with the students about the hardships and pleasures of growing up along Core Sound. **ART**

Activity- What's all the Buzz? Children learn about the life and behavior of bees through presentations given by local bee keepers(if available) or through an exciting program of information presented by the museum staff. **SCI**

Activity- Quilts: Geometric Gems Bring Math and Art together. Learn how basic geometric shape turn into fascinating patterns and designs. Learn how nature is the inspiration for this special geometric category we call tessellations. You will rival Picasso with your own abstract geometric creation you will design! **ART/MATH/SCI**

Activity- Sound Trail – Marsh Exploration: Students investigate a fragile ecosystem that serves as the nursery for many marine organisms as well as seafood species. They will be introduced to the plants and animals that call the edge of Core Sound home. Younger explorers get an up-close look from the boardwalk that stretches over the marsh, while older students are welcome to wade. Prepare to get muddy and wet – there's no way to avoid it. **SCI/MATH**

Activity- Marsh: Up Close and Personal with Mollusks

This activity is an opportunity for students to closely examine the characteristics and behaviors of a common marsh creature found in North Carolina's Cape Lookout National Seashore marshes- the periwinkle snail. **SCI**

Activity- Sound Side at Cape Lookout: Salt Marsh Sampling Students will investigate the specific relationships between smooth cordgrass, and ribbed mussels, and glasswort using quadrats. **SCI/MATH**

Activity- Sound Side at Cape Lookout: Insane about Seining Students will have a chance to use seine and dip nets to explore the creatures who move about the shallows of the calmer sound waters. Senses are engaged as they touch, see, and even smell plants and animals that are caught in the nets. Students try to identify with field guides what they are looking at. Catch and release is always the plan for live creatures. Empty shells may be treasures taken home! **SCI/MATH**

Activity- How Many Survive? This is a fun, informative, and interactive way to learn about the outcome of turtle eggs laid by loggerheads, green sea turtles and other species found in NC waters. Students pull eggs from a nest and find out their fate. Discussions include human vs nature deterrents, what should be done, what can WE do? **SCI/MATH**

Activity: Web of Energy_Compare the energy flow of life in the salt marsh with that found in the fresh water of Willow Pond. **SCI/MATH**

Activity: Water Quality of Ocean and Sound. Students will be divided up into groups to test and compare chemical properties in the marine environment of both the ocean and the sound. **SCI/MATH**