

Nature Adventures

with NC's 4-H Camps

A virtual learning program for educators and families

Coastal Ecology Discussion & Learning Guide

Directions: Follow along and look for answers to the questions below as you participate in the program. If you have others you are working with, answer the questions together.

1) What is a wetland?

A wetland is land that consists of marshes or swamps. It can filter water and hold water during storms.

2) The term *Pocosin*, in reference to the Pocosin Forest, translates to what?

Pocosin translates to Swamp on a hill

3) What is an ecosystem? Describe how the Albemarle Sound is an ecosystem.

An ecosystem is a biological community of interacting organisms and their physical environment. The coastal wetland, the unique mixture of salt and fresh water, and the biological community this supports makes the Albemarle Sound an ecosystem.

4) Bald Cypress knees are what type of tree structure?

Tree roots

5) What two types of water mix to create brackish water?

Fresh water and salt water. When fresh water from rivers meets the salt water of the ocean, the resulting wetland that is created is called an estuary.

6) What are male Chesapeake Blue Crabs also called?

Jimmies

7) Macro-invertebrates are tiny organisms that don't have which body part?

A spine or backbone