

# “Bay BC’s” Teacher Resource Guide

Virginia Living Museum’s Natural Science Education Program



- **Grade:** Kindergarten
- **Length of Session:** 45 minutes
- **Number of Students:** 60 maximum
- **Fee:** (includes self guided tour of exhibits)
  - Contract schools: Please call for information
  - Non-contract schools: \$9.75 per student (\$360 minimum)



For more information or to make a reservation, call the Reservations Coordinator at 757-595-9135 Monday-Friday, 9 a.m. - 4:30 p.m. or fill out the on-line request form.

## Program Description

From crabs and sea stars to turtles and birds, young students will experience a rich variety of life from our Chesapeake Bay and learn simple ways to protect the Bay's fragile environment. On a “role-playing” nature walk, students will observe, predict, count, touch and explore! Dunes, marshes, beaches and shallow water habitats are their destinations for discovering life in and around the Bay.

## Virginia Standards of Learning Correlations

Science: K.1 K.2 K.7 K.11

## Program Objectives

The Student will:

- Identify land and water areas within the Chesapeake Bay region;
- Name and describe the habitat and life needs of several common Bay animals;
- Describe environmental problems that Bay animals encounter;
- List simple ways to protect the Bay’s plants and animals.

## Exhibit Tie-ins

The Museum’s indoor and outdoor exhibits provide a wide variety of ways to connect your students to important SOL-correlated learning opportunities. Here are just a few examples:

### On the Outdoor Trail: **Conservation Garden**

Find some of the things people might throw away; how they can be reused?

### Coastal Plain Gallery: **Chesapeake Bay Aquarium**

How many different kinds of fish can you count? How many have round shapes? Long and skinny shapes? Flat shapes? Draw your favorite fish with all of its parts (2 eyes, mouth, fins, scales, tail, etc.).

**(Continued)**

## Vocabulary used in the Program

**Atlantic Ocean:** the ocean off of our Virginia Coastline.

**Beach:** the sandy strip of land between the water and the *dunes*.

**Chesapeake Bay:** a long and narrow Bay that opens to the Atlantic Ocean; home to many kinds of plants and animals.

**Dunes:** a rounded hill of sand piled up by the action of the wind and waves.

**Habitat:** the place where a plant or animal lives that provides its “life needs” (living space, food, water, shelter, etc).

**Litter:** human-made trash or other objects on the ground.

**Marsh:** low land, usually very wet, muddy and often covered or surrounded with grasses.

**Pollution:** when some human activity causes a change in the environment that can affect the lives of organisms (litter, altering / destroying a habitat, excess noise, addition of harmful chemicals, etc.)

**Ocean:** A large body of *salt water*; oceans cover over two-thirds of our Earth’s surface.

**Recycle:** to collect and remake used man-made objects into new objects, usually using glass, paper, aluminum, and certain plastics.

**Salt Water:** water that contains salt, found naturally in a bay, sea or ocean.

## Recommended Websites

*Bay Lesson Plans K-12:*

[www.bayeducation.net/lessons.html](http://www.bayeducation.net/lessons.html)

Bay Fun

<http://www.chesapeakebay.net/bayfun.htm>

Living Bay Online

<http://www.livingclassrooms.org/lbo/index.html>

The Chesapeake for Kids

<http://www.beanies-webworld.com/chesapeake/index.html>