Eco-Explorers Virtual Field Trip

Aquatic Resources Education Center, 2520 Lighthouse Road, Smyrna, DE 19977

Water Quality

In this unit you will learn about some important water quality indicators that can be measured to see if the water in the tidal salt marsh is healthy for the plant and animals that depend on it to survive. The activities will show you how to make your own water testing instruments and try them out!

Here's what you should do:

1. View the Water Quality Vocabulary Words PowerPoint.

This explains some important vocabulary words.

2. Watch the Water Quality video

At the end of the vocabulary words PowerPoint you will see a link to a short video that introduces you to water quality indicators in this ecosystem.

3. Try some activities designed to help you to learn even more.

- What Floats Your Boat – Make your Own Hydrometer Activity
- Clear as Mud! - Make Your Own Secchi Disc

4. Test your knowledge!

By now you have learned a lot! You can take a short quiz to see how much you have learned.

Don't forget that you are welcome to visit the tidal salt marsh at the Aquatic Resources Education Center in Smyrna to view some of the plants and animals in this amazing ecosystem that you are learning about in your virtual field trip.

Read the **Aquatic Resources Education Center information sheet** to find out more about visiting the Eco-Explorers field trip area with your family.

This activity is part of the Eco-Explorers virtual field trip program created by environmental educators at Delaware's Aquatic Resources Education Center. The Eco-Explorers program is supported by Sport Fish Restoration grants administered by the U.S. Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program. Funds provided by this grant program are generated through federal excise taxes on fishing equipment and motorboat fuels purchased by sportsmen and sportswomen.