

Eco-Explorers Virtual Field Trip

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

Plants of the Tidal Salt Marsh

In this unit you will learn about some plants that live in the tidal salt marsh. This is an ecosystem where salty water flows in twice a day with the tides and then flows back out. The soil tends to be very wet and the absence of shade means that the plants receive lots of direct sunlight. Tidal salt marsh plants have special traits called adaptations that help them survive and grow in these conditions.

Here's what you should do:

1. View the Plants of the Tidal Salt Marsh Vocabulary Words PowerPoint.

This explains some important vocabulary words.

2. Watch the Tidal Marsh Plants video

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

3. View the Plant Information Cards PowerPoint

After you watch the video you should view a PowerPoint called **Plant Information Cards**. The cards in this PowerPoint give you information about seven plants that typically grow in a tidal salt marsh ecosystem.

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

- Plant Riddles
- Celery Scientist
- Plants - Where in the Marsh?

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.

