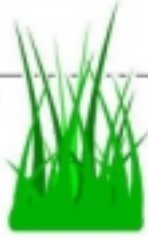
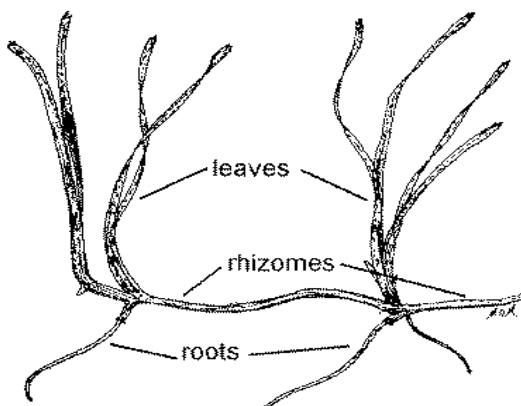


# PROJECT GreenShores



Project GreenShores is a habitat restoration project that involves the restoration and creation of oyster reefs, seagrass beds, saltmarsh habitat, and shoreline buffer for the Pensacola Bay System. The oyster reefs serve as habitat, protect the newly created marsh from erosion and provide water filtering capabilities and valuable fish habitat in Pensacola Bay. The intertidal area (submerged at high tide, but exposed at low tide) behind the oyster reefs has been transformed into a salt marsh, one of the most productive ecosystems on earth. This area serves as a nursery for numerous species of fishes, shellfish and crustaceans as well as providing shelter for insects and microscopic organisms. The dominant emergent plant you will see at the site is smooth cord grass (*Spartina alterniflora*), which is responsible for much of the marsh's productivity. Seagrasses are flowering plants that live underwater and have many important functions including using their leaves to maintain water clarity, providing stabilization with their roots and rhizomes and providing food for marine animals.



Shoal-grass (*Halodule wrightii*)



Silver perch (*Bairdiella chrysoura*)  
finding shelter in a sea grass bed. (South  
Carolina DNR)

Unscramble the words, then use the underlined and bold letters to answer the next question

tsla rhsam      nyurser      tabhia      drsib      cneosvnirant

What is the number one way to help protect the future of the environment? (Why you also go to school)

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Match the correct answer with the question.....

1. What are baby oysters called? \_\_\_\_\_
2. Approximately how many gallons can one adult oyster filter in a twenty-four hour period? \_\_\_\_\_
3. What is one purpose for the rocks? \_\_\_\_\_
4. Name two types of fish you might find near Project GreenShores? \_\_\_\_\_
5. What is one purpose of the salt marsh? \_\_\_\_\_

**a.** fish nursery   **b.** spat   **c.** breakwater   **d.** 50 gallons   **e.** mullet and redfish

**Look for the following birds at Project GreenShores:**



Brown Pelican  
*Pelecanus occidentalis*



Great Blue Heron  
*Ardea herodias*



Snowy Egrets  
*Egretta thula*