



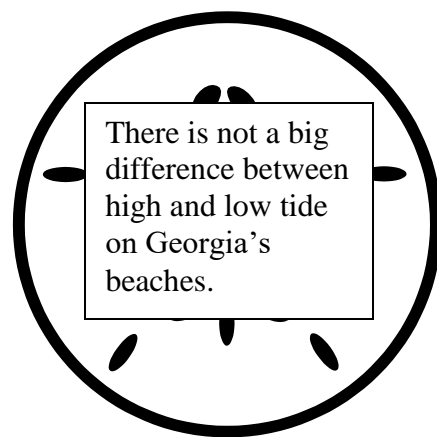
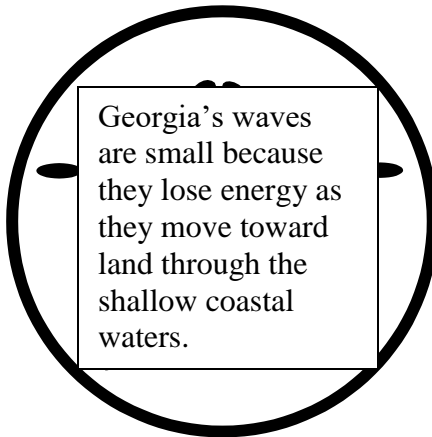
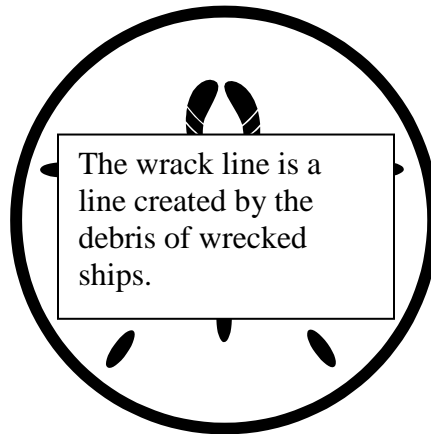
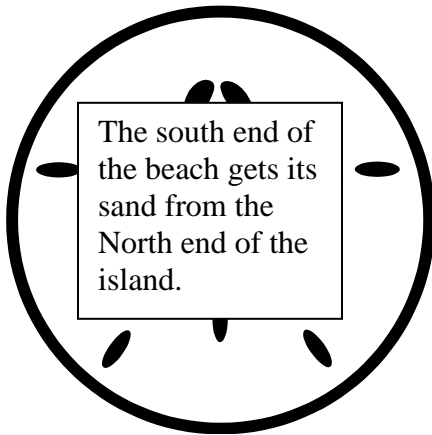
# Barrier Island Dynamics

## Pre-class Activity



**Introduction:** You and your classmates are about to embark on a wonderful journey to the beach!! During Barrier Island Dynamics, you will have the opportunity to learn a lot about Georgia's beaches and how they are formed.

**Directions:** Below are four Keyhole Urchin pictures with facts on them. Try your best to judge whether the fact is true or false; if it is false, rewrite the statement to make it true.





# **Barrier Island Dynamics**

## **Post-class Activity**



**Directions:** Below is a profile of a beach. On the beach and in the water you will notice some things you might have seen or talked about. Next to each item is a question. On a separate sheet of paper answer the questions to the best of your ability. Then, carefully color the beach and water in this picture!

**How are dunes created?**

**What is the line left by high tide called?**

**St. Simons Island sits in the \_\_\_\_\_ Bight.**

**Dude, why aren't Georgia's waves big like California's?**

**What are some options for dealing with beach erosion? Give pros and cons for each.**

**Saint Simons is a barrier island. What does it protect the mainland from?**