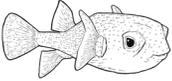


Ocean

Great Ocean Tank Exhibit:

List one adaptation for each fish you see in the Great Ocean Tank. Did you list a physical adaptation (body part) or a behavioral adaptation (behavior)? **Answers will vary, examples provided**

Fish	Adaptation	Physical or Behavioral Adaptation
 Porcupinefish	Can triple their size to discourage predators	Behavioral
 Southern stingray	Have a barb on their tail that is used for protection	Physical
 Sandbar shark	Forked tail that allows them to swim fast in the open ocean	Physical (tail) Behavioral (swim fast)

Zucker Family Sea Turtle Recovery™

Sea turtles can be injured in many different ways — some by human causes and others by natural causes. Pick one sea turtle in Zucker Family Sea Turtle Recovery and fill out the following information:

Name of your sea turtle:

Species of your sea turtle:

Why is your sea turtle in recovery?

Was the issue caused by humans or natural causes? Explain.

What can you do to help this sea turtle?

Answers will vary depending on selected turtle.
 Go to scaquarium.org/stcc in order to check answers.

Aquarium Wrap Up

Now that you have traveled throughout the state of South Carolina, list two things you can do to protect South Carolina habitats and the animals that live there.

Answers vary; recycle, don't litter, pick up trash, use canvas bags instead of plastic, use reusable bottles, reduce single-use plastics like forks and straws, join a conservation organization

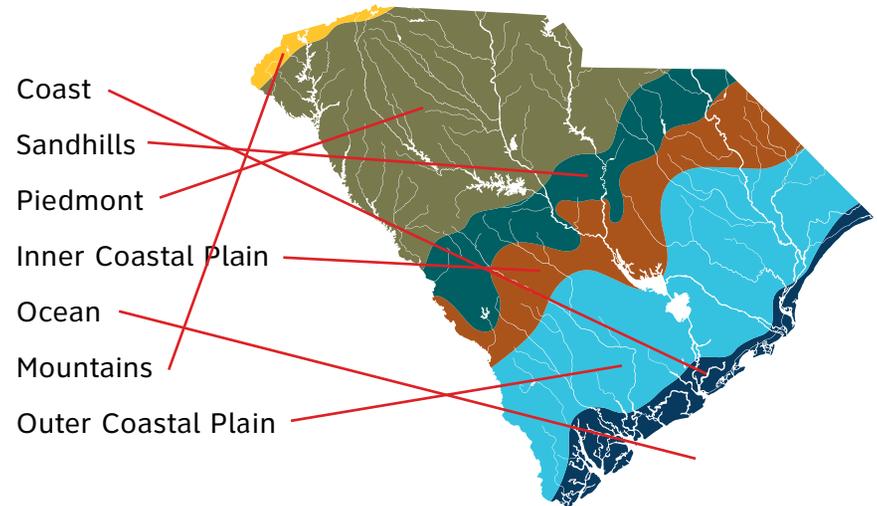
3rd–5th Grade Scavenger Hunt

ELEMENTARY SCHOOL

Name: _____

The South Carolina Aquarium is designed to show you the habitats of South Carolina from the mountains to the sea. Enjoy your journey through our state!

As you walk through the habitats of the Aquarium, draw a line from the name of each South Carolina region to the region's location on the map below.



What is the name of the ocean that borders South Carolina?

Atlantic Ocean

Draw a small circle on the map where your home is located. In what region do you live?

Mountain Forest

Bald Eagle Exhibit:

Name two body parts or behaviors (adaptations) that bald eagles have to help them survive:

Answers vary; sharp talons to grab prey, brown coloring for camouflage, wings to fly, feathers to keep warm and dry, sharp beak to rip meat

Thinking Question: Are bald eagles producers or consumers?
Explain your answer.

Bald eagles are consumers because they have a mouth and eat food for energy.

Piedmont

Piedmont River Exhibit:

Why did scientists think that the robust redbreast was extinct?

Habitat destruction caused a dramatic loss in population, and the fish weren't seen for years.

Reservoir Exhibit:

Name two pros of damming a river:

Answers vary; flood control, irrigation, fishing, boating

Coastal Plain

Brownwater Swamp and Blackwater Swamp Exhibits:

What makes a brownwater swamp brown?

Red clay sediment and silt from the piedmont are carried by rainwater into the coastal plain swamps during the rainy season.

What makes a blackwater swamp black?

Tannins from tree leaves stain the water a darker color; the leaves fall into the swamps and the tannic acid leeches into the water.

Carolina Bay Exhibit:

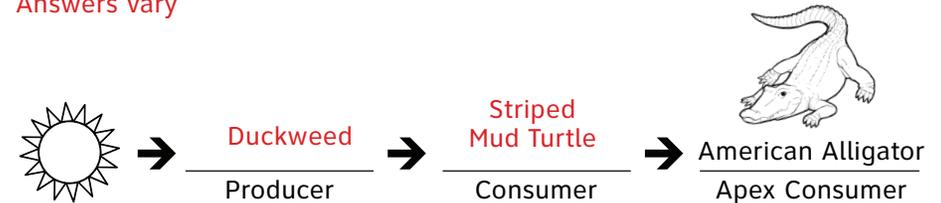
Thinking Question: Can you find an organism in this exhibit that is both a producer and a consumer? What is it and how can it be both?

Pitcher plants; they produce food using the sun's energy, but then also digest nutrients from the insects they eat.

All Coastal Plain Exhibits:

Create a coastal plain food chain by filling in the missing pieces.

Answers vary



Saltmarsh Aviary

Find one example of each of these groups. Draw a picture and name the organism.

Vertebrate (animal with a backbone)	Invertebrate (animal without a backbone)	Plant
Bird, fish, turtle	Crab, oyster	Palmetto tree, marsh bud, spartina grass

Name two functions of a saltmarsh:

- Answers vary; nursery for juvenile fish, shrimp crabs and other animals; great place for juvenile animals to hide and get food
- Protective barrier between the ocean and the land; protects buildings and habitats; filters water to maintain quality for plants and animals; great food source

Coast

Camouflage Exhibit:

Name one animal in this exhibit that uses camouflage.

Why does it camouflage?

Flounder, octopus; to hide from predators and to sneak up on prey