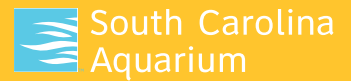


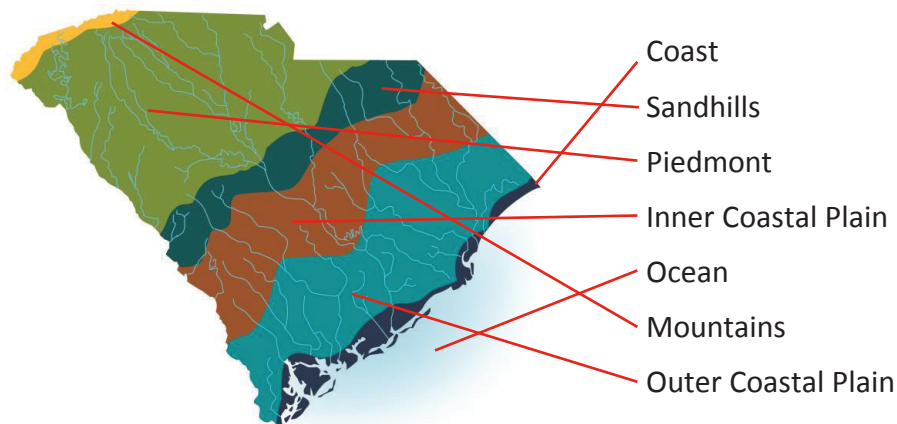
3rd–5th Grade Scavenger Hunt

Answer Key



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.

At the top of the escalator, you will see a South Carolina region map. 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?

The Atlantic Ocean

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

The Mountains

River Otter exhibit:

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

Answers vary. These are just a few: thick fur to keep warm in cold water, strong tail for swimming, sharp teeth to eat meat, whiskers to help find food, webbed feet to help swim, brown color for camouflage

Thinking question: Are river otters producers or consumers? Explain your answer.

River otters are consumers because they have a mouth and eat food for energy.

Piedmont

Piedmont River exhibit:

Why did scientist think that the robust redbreast was extinct?

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

Shifting Shorelines exhibit:

Aquatic insects can tell us a lot about the health of a water ecosystem. Match the aquatic insect to the correct water quality.

Hellgrammites	✓	Poor water quality
Mayflies	✓	Excellent water quality
Bloodworms	✓	Good water quality

3rd–5th Grade Scavenger Hunt

Name: _____

Coastal Plain

Brownwater Swamp and Blackwater Swamp exhibits:

What makes a Brownwater Swamp brown?	What makes a Blackwater Swamp black?
Red clay sediment from the Piedmont is carried by rainwater into the Coastal Plain swamps during the rainy season.	Tannins from tree leaves stain the water a darker color; the leaves fall into the swamps and the tannic acid leeches into the water.

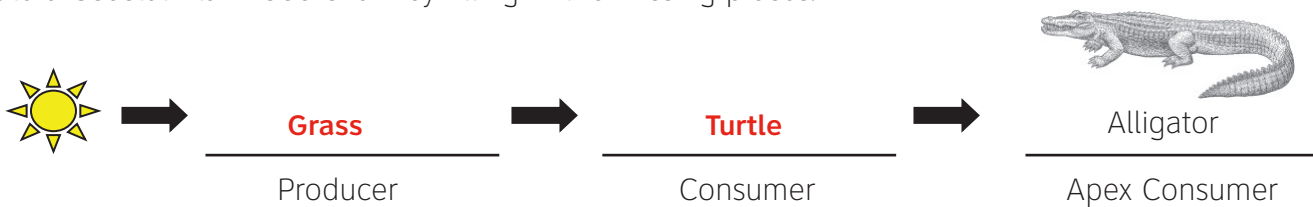
Carolina Bay exhibit:

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 a producer and a consumer?

Venus fly traps and/or pitcher plants. They produce food using the sun's energy, but then also digest nutrients from the insects they eat.

All of the Coastal Plain exhibits:

Create a Coastal Plain food chain by filling in the missing pieces.



Saltmarsh

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 or turtle	Crab or oyster	Palmetto tree, marsh bush or spartina grass

Name two functions of a saltmarsh.

Answers vary. These are a few: 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 houses, businesses and habitats; filters water to keep water quality good for animals and plants; great food supply for animals

3rd–5th Grade Scavenger Hunt

Name: _____

Coast

Camouflage exhibits:

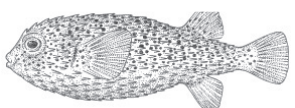


Name one animal in this exhibit that uses camouflage. Why does it camouflage?

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

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)?

Fish	Adaptation	Physical or Behavioral Adaptation
Porcupine fish 	This animal can triple its size to discourage predators	Behavioral
Green moray eel 	Body is covered in slime to easily get in and out of the holes and crevices of rocks and reefs	Physical
Sandbar shark 	Predator with a forked-shape tail that allows it 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. Sometimes they are harmed by humans and sometimes by natural causes. Pick one 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 <http://scaquarium.org/sea-turtle-care-center/> in order to check answers.

Aquarium Wrap-up

Now that you have travelled through the state of South Carolina, list two things you plan to do to protect South Carolina habitats and the animals that live there.

Answers vary. These are a few: recycle; don't litter, pick up trash, use canvas bags instead of plastic, use reusable bottles for drinks, reduce single-use plastics like fork and straws, join a conservation organization