

South Carolina Aquarium

9th – 12th Grade Scavenger Hunt

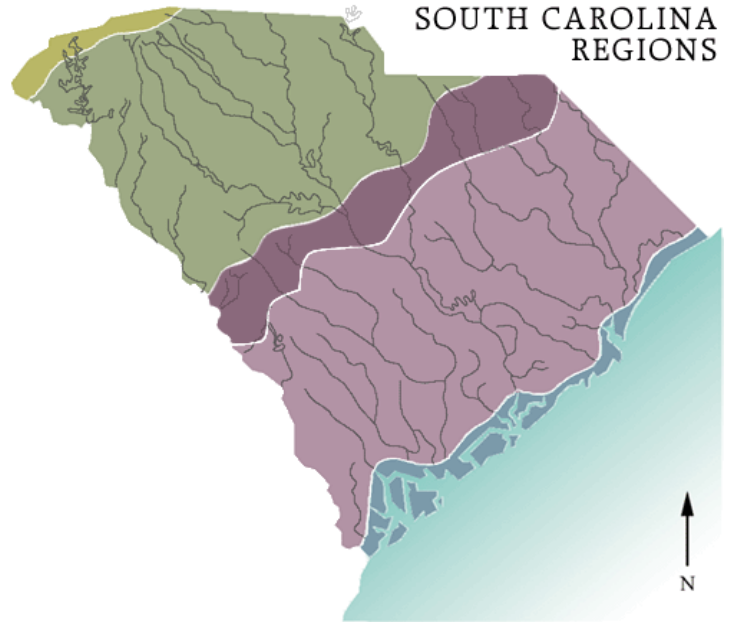
Name _____

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!

The Great Hall

Write the name of each South Carolina region on the map.

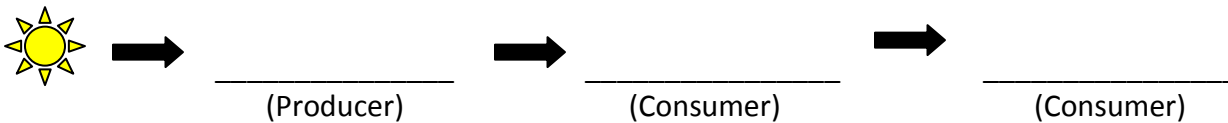
What is the name of the ocean that borders South Carolina?



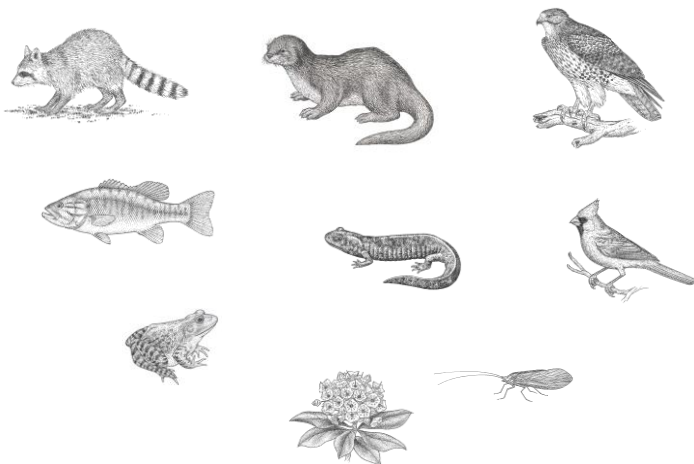
The Mountains

Mountain Forest exhibit:

Make a mountain food chain using the animals you see in the Mountain Forest exhibit.



Use arrows to create a mountain food web.



What is the difference between a food chain and a food web?

Piedmont

Reservoir exhibit:

Name 2 pros and 2 cons of damming a river.

Pro: 1)

Con: 1)

2)

2)

Shifting Shorelines map:

How does the rotating map help explain how marine fossils can be found in the Coastal Plain while terrestrial fossils can be found 20 miles off the coast?

What could happen to South Carolina if sea level rises in the next 50 years? Will you be affected?

Coastal Plain

Swamp IQ test:

List 2 reasons why swamps are vital ecosystems in South Carolina.

1.

2.

Carolina Bay exhibit:

Why are carnivorous plants found in Carolina Bays and no other habitat in South Carolina?

Saltmarsh

Name 2 functions of a saltmarsh.

1.

2.

What would happen to South Carolina's coast if our saltmarshes were destroyed by development?

Coast

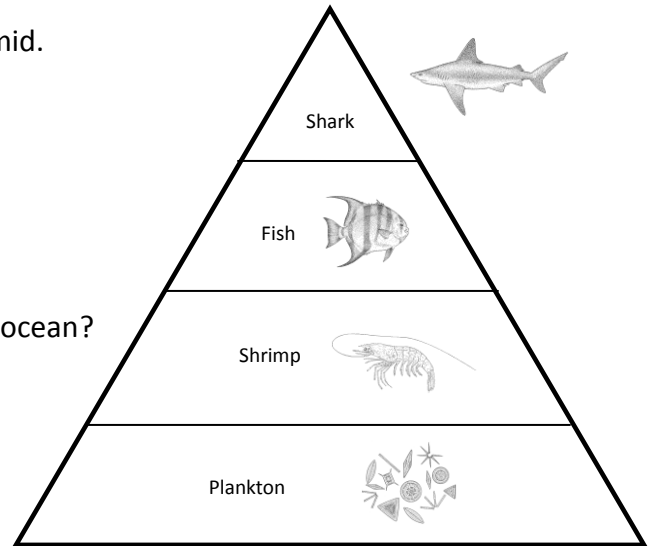
Sea Turtle exhibit and interactives:

List 3 ways humans can harm sea turtle populations	List 3 things humans can do to protect sea turtles
1.	1.
2.	2.
3.	3.

Ocean

Use the diagram on the right:

Describe the diagram if it represents an ocean **energy** pyramid.



How can humans negatively affect the balance of life in the ocean?

All Galleries

Match the following terms to the correct relationship and list the Aquarium exhibit in which it was found (one term will not be used).

- A **Predation** – to eat another organism
- B **Competition** – to fight for a resource
- C **Parasitism** – when an organism lives on or in another organism at that organisms' expense
- D **Mutualism** – when two organisms live together and both benefit
- E **Commensalism** – when one organism benefits from another organism and the other doesn't benefit or suffer

<i>Place correct letter here</i>	Description of relationship	Aquarium exhibit
	Hermit crab anemones live on hermit crabs in order to find food and have a 'ride'. Hermit crabs don't mind at all because the anemone offers protection.	
	River otters prey on brook trout in mountain streams.	
	Male dollar sunfish fight with fish in order to protect their gravel nest.	
	Some horseshoe crabs have slipper shells living on them. It does not harm the horseshoe crab, but the slipper shells have a safe home on the hard shell of the horseshoe crab.	

What will you do today that will help the environment?