

HEALTHY VS. BLEACHED REEFS

DRAW THE HEALTHY REEF AND BLEACHED REEF BELOW.

HEALTHY REEF

BLEACHED REEF

WHAT HAPPENS TO THE ANIMALS THAT LIVE IN THE CORAL REEF WHEN THE REEF BLEACHES? HOW DOES THE HABITAT CHANGE?

DID YOU KNOW?

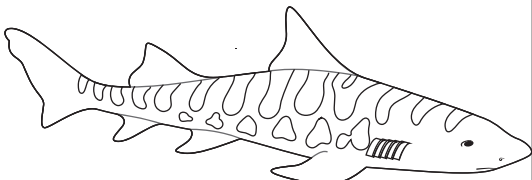
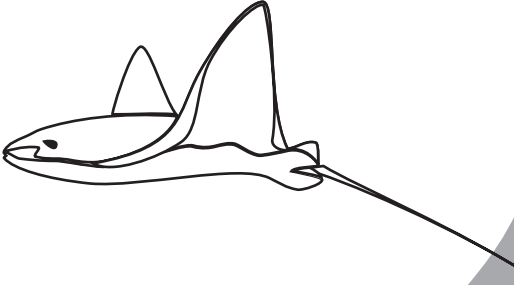
Over a quarter of the world's coral reefs have been severely damaged. Overfishing, climate change, and pollution are all threats to these sensitive creatures. Can you think of ways to help protect coral reefs around the world?

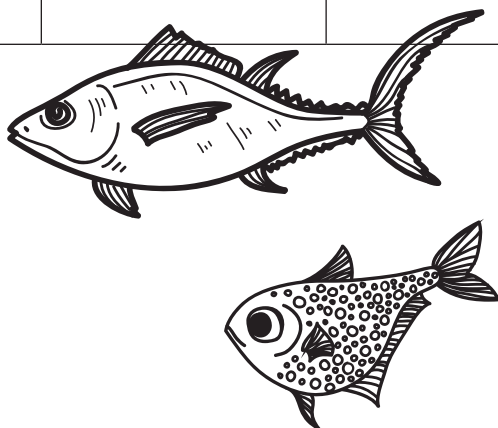
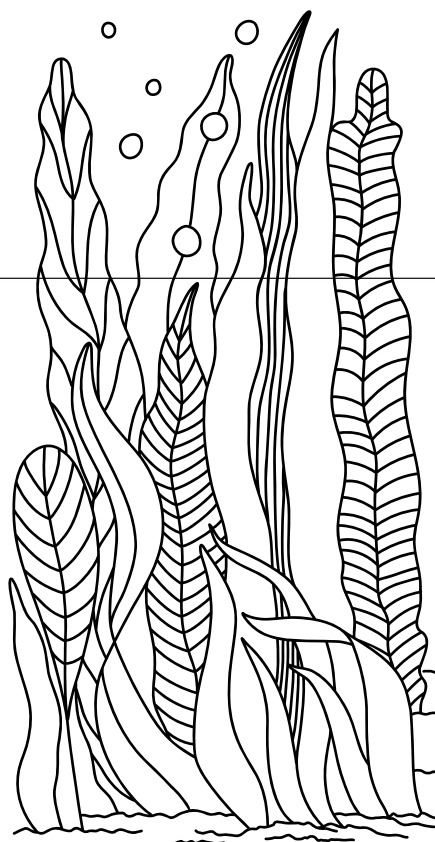
SHARK SHORES

DID YOU KNOW SHARKS AND RAYS ARE RELATED?

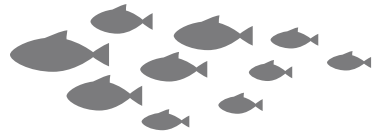
They both belong to a group called elasmobranchs.

Can you spot the similarities and differences? Draw a line to match the physical characteristics to the correct animal. Some characteristics might be true of both.

SHARK		RAY
	<p>Gills</p> <p>Flat body</p> <p>Countershading (Darker color on the top vs bottom)</p> <p>Streamlined body (Like a football)</p> <p>Dorsal (top) fin</p> <p>Stinging barb</p> <p>Mouth on underside of head</p> <p>Tail (caudal) fin</p>	



SEADRAGONS + SEAHORSES



WHAT MAKES A FISH A FISH?

All fish have fins, gills, a backbone, and a two-chambered heart.

Do you think seahorses and seadragons are fish? Draw a seahorse and seadragon and circle the parts they have in common with a fish. Write your answer below.

SEAHORSE

SEADRAGON

Seahorses and seadragons are fish: (Circle one) True / False

MY EVIDENCE FOR THIS IS:



BEYSTER FAMILY LITTLE BLUE PENGUINS

Ethograms are a way to study an animal's behavior by collecting data on what they are doing. Use this ethogram to observe what the little blue penguins are doing!

INSTRUCTIONS:

1. Pick a penguin to study. Write its band color(s) on the line below.
2. When you are ready to begin, count to ten. Then, place a checkmark next to the behavior the penguin is doing at that moment. Then, count to ten again and repeat.
3. Do this 12 times (for a total of 2 minutes) to fill out the whole chart. Total each behavior to see what they were doing the most.

BAND COLOR(S): _____

Time	Active		Inactive		Social (calling, interacting with another penguin)	Not Visible	Other
	Swimming	Walking	Standing	Laying			
0:10							
0:20							
0:30							
0:40							
0:50							
1:00							
1:10							
1:20							
1:30							
1:40							
1:50							
2:00							
TOTAL							

WHICH BEHAVIOR DID YOUR PENGUIN DO THE MOST?

