

Tide Pools

by Sienna Jagadorn



HOUGHTON MIFFLIN

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by **Sienna Jagadorn**



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Tide Pools

All around the world, **millions** of plants and animals live in oceans. Plants and animals sometimes live in tide pools, where the ocean meets the beach. Tide pools are found along the shore. Look closely. You can see many animals there!



🔊 Life is hard for animals in a tide pool. The hot sun dries out their water. The waves come up to the beach. Then the waves pull animals into the ocean. Birds eat animals living in the tide pool.



Waves



Tide pool

🔊 Plants in a Tide Pool

You can find plants in a tide pool, too. There is green seaweed. There are brown rockweeds. Rockweeds **drift**, or float, on the top of the water.



Rockweeds

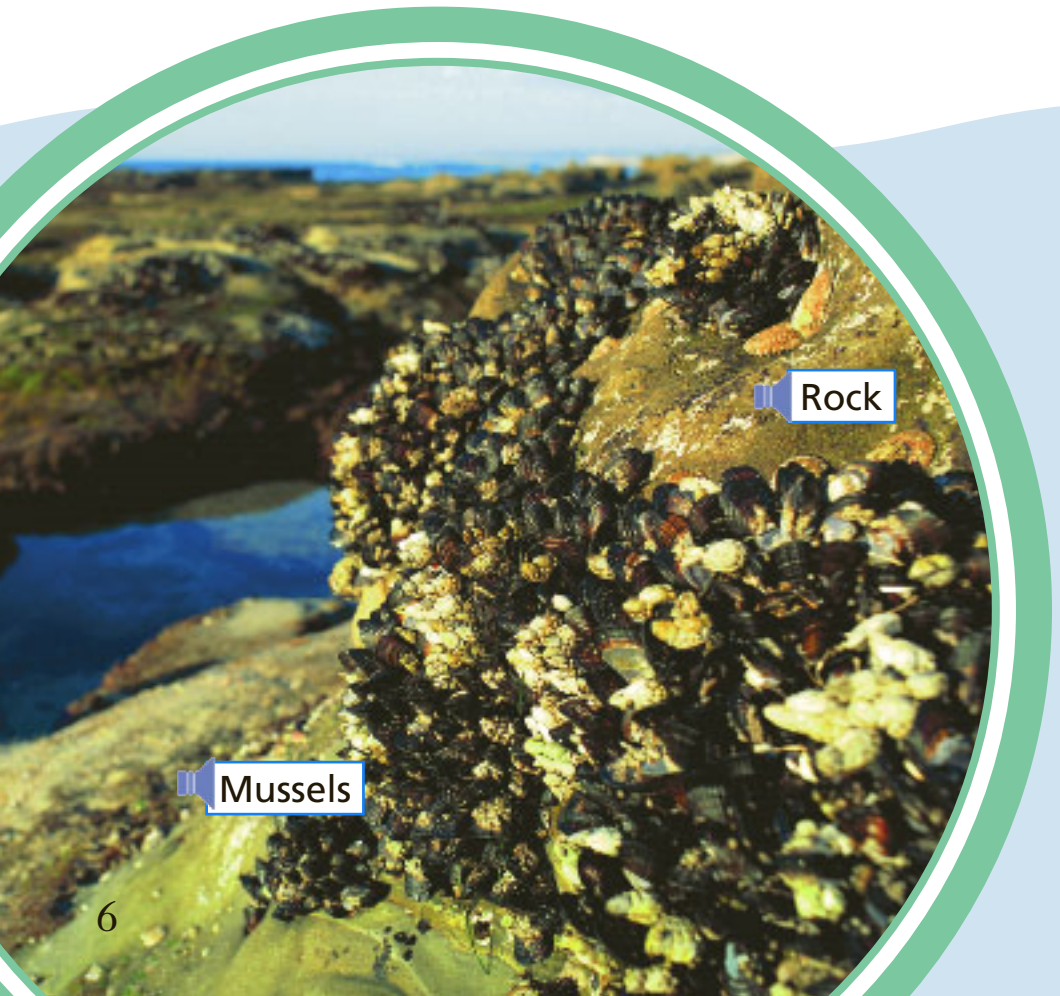
Animals in a Tide Pool

Waves come in and out of the tide pool. But the animals need to stay in the pool. Each animal does something different. The barnacle has a **simple** way to stay in the tide pool. It makes glue! The glue keeps the barnacle in one place.



 Barnacles

These mussels wrapped themselves around a rock with threads. The threads are like glue. Then the glue gets hard. The glue keeps the mussels inside the tide pool.



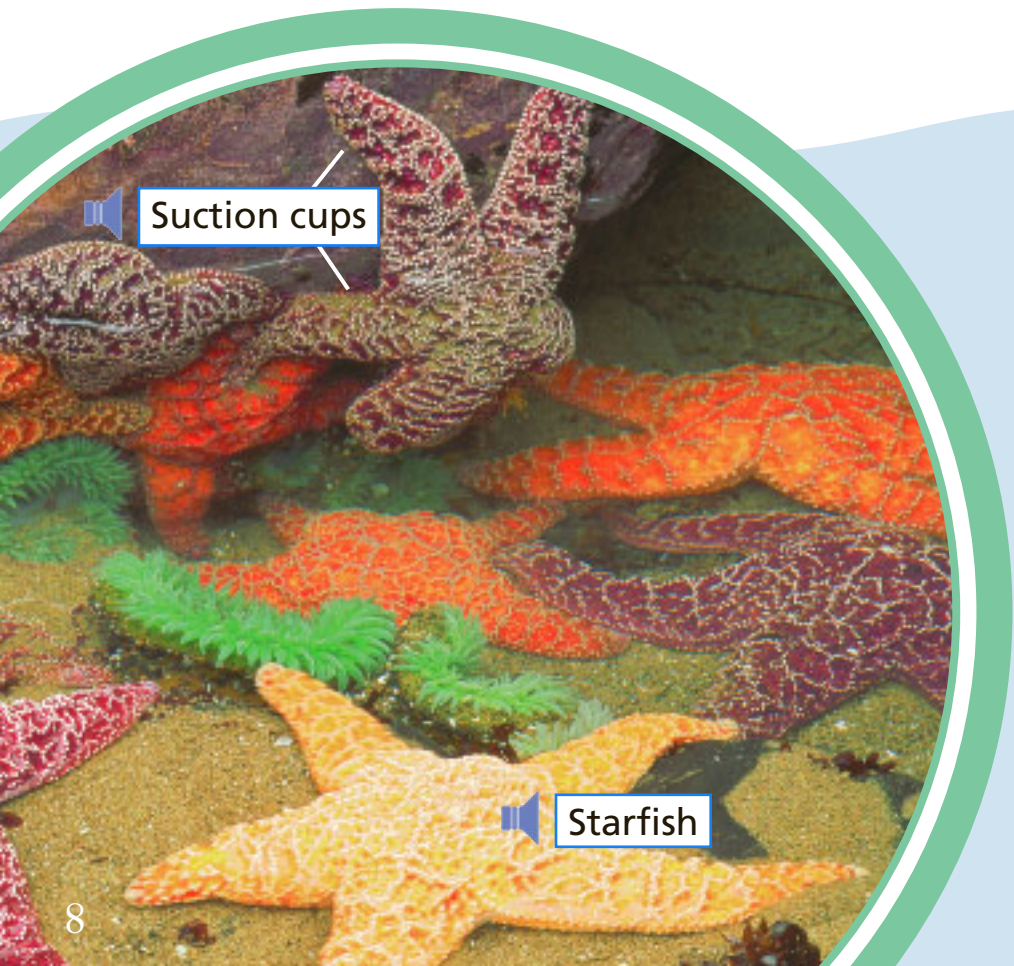
Rock


Mussels

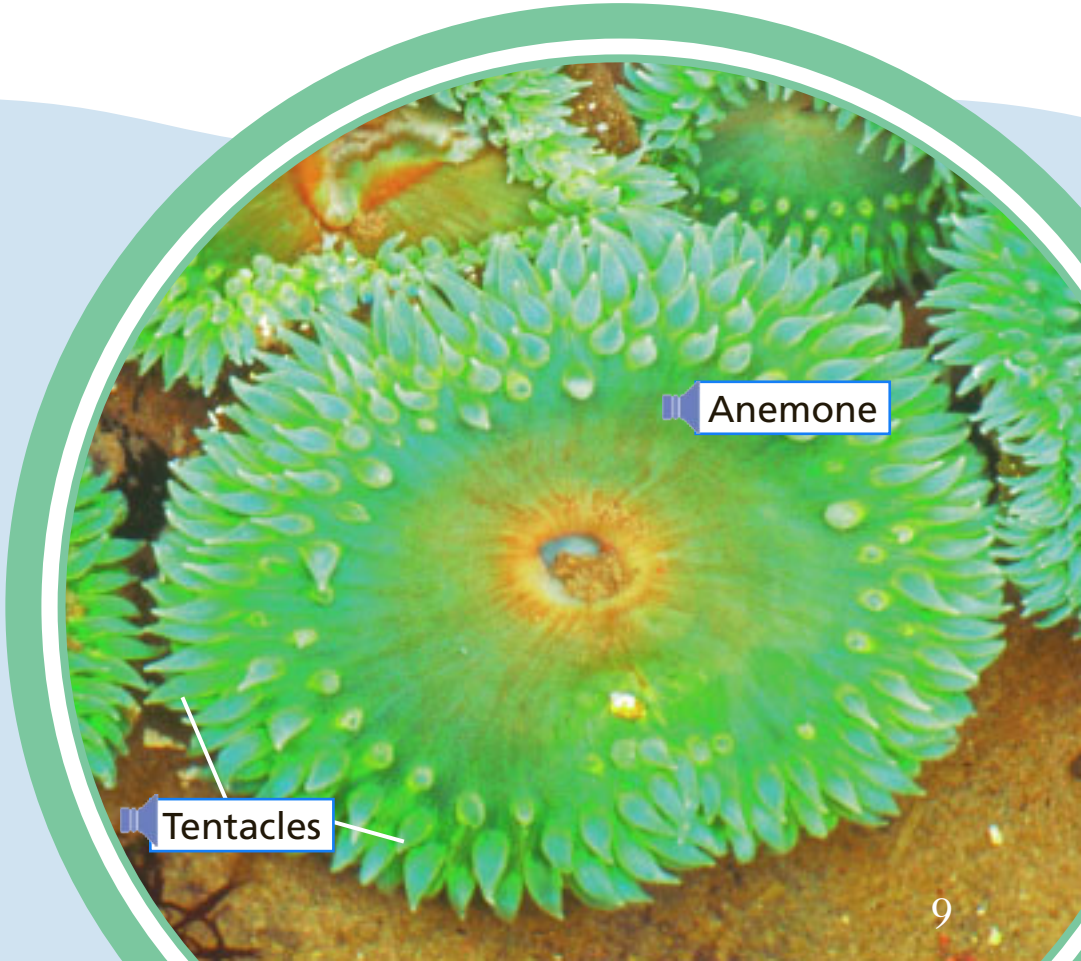
🔊 A crab does not make glue. What choices does a crab have? It crawls under rocks and hides. The rocks hide the crab from waves and hungry birds. The crab stays in the tide pool.



🔊 A starfish has feet on its arms! The starfish's feet have suction cups—little sticky cups—that help the starfish move. The suction cups also help the starfish stay inside the tide pool.



 The anemone looks like a flower. But don't **decide** to touch it! The anemone stings like a jellyfish. The parts that look like flower petals are stinging tentacles!



Some plants and animals in a tide pool look beautiful. Some look **disgusting**. But don't take any of them out of the tide pool. They need to be in the water to stay healthy and strong. Without water, they will get **weaker** and die. Maybe you will see a tide pool one day. You will see a very special, tiny world.



Tide pool

Responding

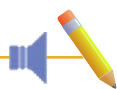


TARGET SKILL **Fact and Opinion** What

facts and opinions are in *Tide Pools*?

Copy the chart below. Then write answers in the boxes.

Facts	Opinions
A barnacle makes glue.	The anemone looks like a flower.
?	?



Write About It

Text to Self Which tide pool animal do you think is the most interesting? Write a few sentences that summarize the interesting things about that animal. Use one or two adverbs to tell how the animal does something special.



TARGET VOCABULARY

choices

decide

disgusting

drift

millions

simple

weaker

wrapped



TARGET SKILL

Fact and Opinion Tell if

an idea can be proved or is a feeling.



TARGET STRATEGY

Monitor/Clarify Find

ways to figure out what doesn't make sense.



GENRE Informational text gives facts about a topic.

Level: K

DRA: 20

Genre:

Informational

Strategy:

Monitor/Clarify

Skill:

Fact and Opinion

Word Count: 388

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