Secrets Between Waves

Use a field guide glossary to understand a rocky shore.

4.4.R.4 "Students will consult reference materials (e.g., dictionaries, glossaries, thesauruses) to comprehend the words in a text."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Find four words in the first two paragraphs that appear in the field guide glossary. Number each word, then give its glossary meaning the same number.

A Visit at Low Tide

1. At low tide, Maya stepped onto a rocky shore with her grandfather. The intertidal rocks, which the sea had covered earlier, were now open to the air. In a shallow pool, tiny fish darted under strips of seaweed. Maya noticed that water stayed in hollows even when the waves pulled back. She wondered how the animals managed between visits from the sea.

2. A brown crab rested beside a brown stone, and its camouflage made it hard to spot. When Maya moved closer, the crab vanished into a crevice. Nearby, a limpet clung to the rock. Its strong foot helped it adhere while small waves splashed over it. Maya watched a wave hit the rock, but the limpet stayed in place. These shore animals had different ways to stay safe.

3. At the end of the walk, Maya opened a field guide to its glossary. It defined **adhere** as "to stick tightly to something," **camouflage** as "colors or patterns that help an animal blend in," **crevice** as "a narrow crack," and **intertidal** as "the area covered by water at high tide but exposed at low tide." Maya looked back at the rocks and checked each meaning against what she had seen.

2 ANSWER WITH EVIDENCE

Use the passage

1. Use the glossary to explain why the intertidal rocks were open to the air when Maya arrived.

2. According to the glossary, how did the brown crab's camouflage make it hard to spot?

3. Use the glossary to explain where the crab went when it vanished into a crevice.

4. The limpet stayed in place when a wave hit. What does adhere mean here, and what helped the limpet do it?

3 YOUR TURN

Your own words

Choose one word from the field guide glossary. Write two sentences about a place other than the rocky shore: use the word in your first sentence, then explain how its glossary meaning helps you picture that place.

ANSWER KEY # Secrets Between Waves

GRADE 4 · 4.4.R.4

PART 1 · READ AND MARK

Find four words in the first two paragraphs that appear in the field guide glossary. Number each word, then give its glossary meaning the same number. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Use the glossary to explain why the intertidal rocks were open to the air when Maya arrived.	**The tide was low, so the intertidal rocks were exposed instead of covered by water.**
2	According to the glossary, how did the brown crab's camouflage make it hard to spot?	**Its brown color helped it blend in beside the brown stone.**
3	Use the glossary to explain where the crab went when it vanished into a crevice.	**It went into a narrow crack, likely in the stone or rock.**
4	The limpet stayed in place when a wave hit. What does adhere mean here, and what helped the limpet do it?	**Adhere means to stick tightly. The limpet's strong foot helped it stick to the rock.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

A small lizard slipped into a crevice in the garden wall. The glossary says a crevice is a narrow crack, so I picture the lizard squeezing between two bricks.

Accept answers that use the glossary meaning to explain the word in its passage context. For Part 3, accept any different place and an accurate explanation of the chosen word in exactly two sentences.