

# Tide Pool Clues

Use questions and text details to explain tide-pool life.

**3R1** "Develop and answer questions to locate relevant and specific details in a text to support an answer or inference. (RI&RL)"

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## 1 READ AND MARK \_\_\_\_\_ Read it twice

**YOUR JOB** Underline details that answer questions about how tide-pool animals live. Circle one detail that could help you make an inference about why an animal acts a certain way.

### Life Between the Rocks

- ① At low tide, a rocky shore can look like a set of small pools. These tide pools hold seawater between rocks after the ocean pulls back. A child visiting the shore may spot purple sea stars, tiny crabs, and green seaweed. The animals must handle changing water levels, waves, and bright sun until the tide returns.
- ② A hermit crab has a soft back end, so it lives inside an empty snail shell. As the crab grows, it must search for a larger shell. It may quickly pull its body into the shell when a fish swims near. The hard shell helps protect the crab, but finding the right size can take time.
- ③ Sea anemones stay attached to rocks, yet they are animals, not plants. Their tentacles wave in the water and sting very small animals that touch them. A clownfish can live safely among certain sea anemones because a coating of mucus protects the fish from the stings. In a tide pool, each animal uses a different way to stay safe.

**2 ANSWER WITH EVIDENCE** \_\_\_\_\_ Use the passage

- 1** Write a question that would help you find out what stays between rocks after the ocean pulls back. Then answer your question.

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- 2** Write a question that explains why a hermit crab searches for a larger shell. Then answer it with a detail from the text.

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- 3** Ask a question that would help you learn what sea anemone tentacles do. Then answer your question using a specific detail.

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- 4** Ask a question that helps you infer why a hermit crab may hide in its shell when a fish swims near. Then answer it using two details.

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**3 YOUR TURN** \_\_\_\_\_ Your own words

Write one question about how tide-pool animals deal with their home. Answer it in exactly two sentences. Use one detail from paragraph 1 and one different detail from paragraph 3.

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**PART 1 • READ AND MARK**

Underline details that answer questions about how tide-pool animals live. Circle one detail that could help you make an inference about why an animal acts a certain way. Accept any marking that follows this job and points at the right text.

**PART 2 • ANSWERS**

| # | QUESTION                                                                                                                              | ANSWER                                                                                                                                             |
|---|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Write a question that would help you find out what stays between rocks after the ocean pulls back. Then answer your question.         | <b>Question: What stays between rocks after the ocean pulls back? Answer: Tide pools hold seawater between the rocks.</b>                          |
| 2 | Write a question that explains why a hermit crab searches for a larger shell. Then answer it with a detail from the text.             | <b>Question: Why does a hermit crab search for a larger shell? Answer: It needs a larger shell as it grows.</b>                                    |
| 3 | Ask a question that would help you learn what sea anemone tentacles do. Then answer your question using a specific detail.            | <b>Question: What do sea anemone tentacles do? Answer: They wave in the water and sting very small animals that touch them.</b>                    |
| 4 | Ask a question that helps you infer why a hermit crab may hide in its shell when a fish swims near. Then answer it using two details. | <b>Question: Why might a hermit crab hide in its shell when a fish is near? Answer: Its back end is soft, and the hard shell helps protect it.</b> |

**PART 3 • YOUR TURN (SAMPLE ANSWER)**

Question: How does a tide pool affect what animals do to survive? The changing water, waves, and bright sun can make a tide pool hard to live in. Sea anemones stay attached to rocks, and clownfish use mucus to avoid stings.

Accept clearly worded student questions that match the requested topic. Answers must use accurate, relevant passage details, and the open response must include exactly two answer sentences with details from paragraphs 1 and 3.