

Reef Recovery Evidence

Use text evidence to analyze a reef restoration article.

5W5 “Draw evidence from literary or informational texts to respond and support analysis, reflection, and research by applying the Grade 5 Reading Standards.”

NAME _____ DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline two details that show how people restore coral reefs, and circle two details that show why reefs need more protection. Use your marks to support your answers.

Helping Coral Reefs Recover

- ① Along Florida’s coast, some coral reefs have been harmed by warm water, storms, and disease. Corals are animals that build hard skeletons, creating homes for fish and other sea life. When reefs weaken, nearby animals lose shelter. Scientists and local volunteers are working to help certain corals grow again before damaged reefs lose even more living creatures.
- ② One project begins in underwater nurseries, where divers fasten small coral pieces to frames. The pieces can grow in cleaner, protected water while workers check them for disease. After several months, divers attach healthy corals to bare spots on a reef. This method does not create a reef overnight, but it can add living coral where little remains.
- ③ Restoration teams also study what happens after corals are attached. At some sites, young corals have survived storms and begun to grow. Still, planting corals cannot solve every problem. Reefs also need cleaner water and lower ocean temperatures. By combining restoration with protection from pollution, communities give reefs a better chance to recover over time.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What is the central idea of the passage? Support your answer with two details from the text.

2 How do the steps in paragraph 2 support the idea that reef restoration takes time? Use evidence from the paragraph.

3 What limitation of coral planting does the author explain in paragraph 3? Give two details that support your answer.

4 What is the author's purpose for including information about both restoration and pollution protection? Support your answer with evidence.

3 YOUR TURN _____ Your own words

Write a four-sentence recommendation to a coastal community about one action it should take to help coral reefs. Use two details from the passage and explain how the details support your recommendation.

PART 1 • READ AND MARK

Underline two details that show how people restore coral reefs, and circle two details that show why reefs need more protection. Use your marks to support your answers. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What is the central idea of the passage? Support your answer with two details from the text.	The central idea is that coral reefs can recover when people restore corals and protect reef conditions. Supporting details include growing coral pieces in underwater nurseries and reducing pollution to provide cleaner water.
2	How do the steps in paragraph 2 support the idea that reef restoration takes time? Use evidence from the paragraph.	The coral pieces grow for several months in nurseries before divers attach healthy corals to the reef. The author also says the method does not create a reef overnight.
3	What limitation of coral planting does the author explain in paragraph 3? Give two details that support your answer.	Planting corals alone cannot solve every reef problem. The passage says reefs also need cleaner water and lower ocean temperatures.
4	What is the author's purpose for including information about both restoration and pollution protection? Support your answer with evidence.	The author wants to explain that reefs need more than coral planting to recover. The passage says communities should combine restoration with protection from pollution.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Coastal communities should reduce pollution entering the ocean. The passage says reefs need cleaner water, and workers grow coral pieces in cleaner, protected water. These details show that water quality helps corals stay healthy. Cleaner water can make restoration efforts more likely to succeed.

Accept reasonable central ideas, inferences, and recommendations when they are supported by accurate details from the passage. Students may quote or paraphrase evidence.