

Blue Impact: Sea Jellies

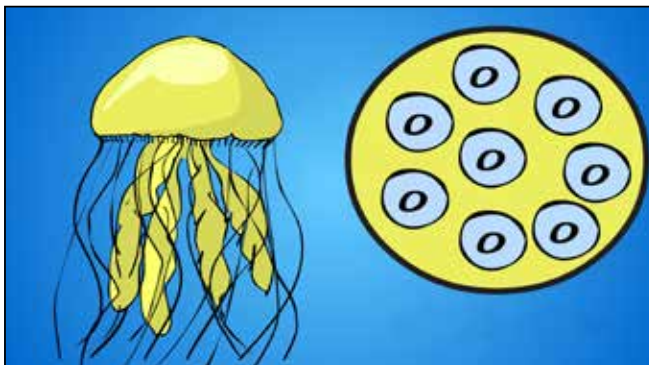
Answer Key

DIRECTIONS

Answer the following questions while watching the New England Aquarium's **Blue Impact Sea Jellies Take Over the Ocean Maze** video. It is a good idea to read all the questions before you start the video. You may also need to pause or replay sections to help you answer the questions.

QUESTIONS

1. Jellies have an interesting trait that allows them to survive all over the ocean. Describe how this is possible. Use this image to help with your description.



The gel in jellies can store oxygen. So, jellies don't depend as much on oxygen in the water as other marine animals do.

2. Why do jellies do better with a thicker blanket of atmospheric CO₂ than other animals?

A thicker blanket of CO₂ means more CO₂ is absorbed by the ocean. The thicker blanket also warms the atmosphere and oceans. Warmer waters do not hold as much oxygen, so more CO₂ and warmer oceans mean less O₂ in the water. As the water temperature and CO₂ levels rise, oceans become more hospitable to jellies and less friendly for their predators. The jellies have an advantage because the gel in jellies can store oxygen. So, jellies don't depend as much on oxygen in the water as other marine animals do.