

DAVID ATTENBOROUGH'S GREAT BARRIER REEF

Interactive Website - Questions

Chapter 1: The Perfect Reef

1. Use the time lapse to watch the coral polyp form. Draw a 3-step diagram that shows how it grows in the boxes below.

1.	2.	3.
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2. Use the slider to switch between our vision and 'mantis vision' - what changes?
3. Listen to the sounds in 'The Familiar Sound of Home'
 - a. What makes the 'frying' sound?
 - b. What other sounds can you hear?
 - c. The healthiest reefs make the most noise (True/False)
4. Use the interactive map
 - a. Why do Minke whales travel from Antarctica to the Great Barrier Reef?
 - b. What island is the most popular spot for turtles to lay their eggs?
 - c. During the summer, shearwaters raise chicks in the Great Barrier Reef – where do they go in winter?
 - d. What do they do when they get there?

5. Use the interactive time lapse about the Crown of Thorns Starfish.
 - a. What happens when you decrease the nitrate runoff from agriculture?

 - b. What happens when you increase it?

6. Use the time lapse to watch the effect of acid on the limestone skeleton of the sand dollar. What happens to it?

7. Use the 360 viewer to look at the changes to the reef after the bleaching event. What effect does the temperature of the ocean have on coral polyps?