

Name _____

Date _____

Question Sheet: Biotic and Abiotic Features of the Great Barrier Reef

1:46 The biotic factors of an ecosystem are its _____ features.

2:47 Corals are living organisms.

True

False

6:15 _____ factors are the non-living features of an ecosystem.

8:18 Corals are extremely sensitive to changes in which two abiotic conditions?

buoyancy

light

temperature

viscosity

9:56 Explain why coral bleaching occurs, and the impact this has ecologically.

12:25 Use this diagram to help you describe the Carbon Cycle in your own words. What are its features? How does it work? Why is it important?

- 13:51 What does this diagram tell you about the interdependence of species in reef ecosystems?

- 16:03 Explain why increased CO₂ levels in the air have a negative impact on coral.

- 16:23 Imagine you are writing a newspaper article about the information in this programme. Write its headline by identifying key terms, and using action verbs and active voice. Make sure your headline communicates clearly and will capture readers' attention.