

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Period: \_\_\_\_\_

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## Movie Sheet: The Great Barrier Reef

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**Directions:** Answer the following questions while viewing Fearless Planet: Great Barrier Reef.

1. What is the largest natural structure on earth?
2. How big is this structure?
3. How many species of fish alone have been identified on the Great Barrier Reef?
4. What creature are coral polyps related to?
5. What do coral polyps have to survive to make it to the Great Barrier Reef?
6. How do polyps grab food from the water?
7. How many polyps can a single piece of coral harbor?
8. How many years can a coral polyp live?
9. How many miles long is the Great Barrier Reef?
10. What abiotic factor does the Great Barrier Reef need to thrive?
11. What do the symbiotic algae provide for the coral?
12. What color light penetrates deepest into the ocean?
13. What is the ideal temperature for coral to grow?
14. What ensued when the planet tilted just one degree on its axis?
15. What is a "wonky hole"?
16. How does the Great Barrier Reef protect the coastline?
17. How do the rough waves and storms actually help the reef?
18. How did man contribute to the overpopulation of these starfish?
19. What happens when coral overheats?
20. What would a temperature change of just 2 degrees mean for the reef?