

MARINE ARTHROPODS: A SUCCESSFUL DESIGN

QUESTIONS

1. What is special about arthropod appendages?
2. What are the advantages of this type of appendage?
3. List the different uses of arthropod appendages.
4. What senses do the animals in the episode have?

10. Name one Marine Arthropod that has thrived in cold marine waters.

11. Name one Marine Arthropod that has thrived in extremely hot marine waters.

12. What clues do horseshoe crabs give us about why arthropods came onto land?

13. How did Arthropods succeed In the arms race?

14. How is a Swiss Army knife a good metaphor for the arthropod?

15. See how many different uses of arthropod appendages you can list.

Define in your own words these vocabulary words at the end of the video.

1. Appendage

2. Antenna

3. Exoskeleton

4. Molting

5. Diversifying

6. Gill

7. Hydrothermal vent