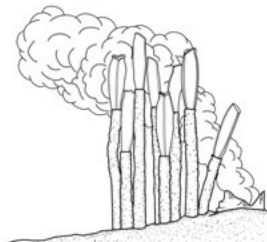
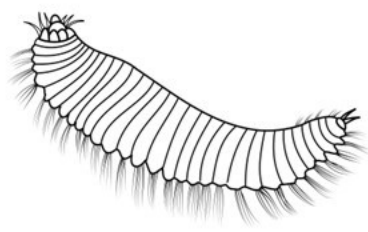


Name: _____



SHAPE OF LIFE: ANNELIDA

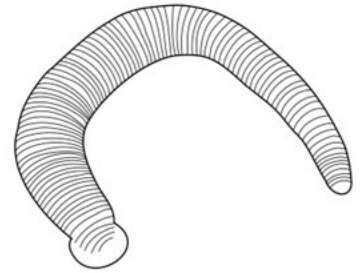
1. How many species of annelids have scientists identified? _____
2. What are some of the habitats that annelids have adapted to? _____
3. Describe how the sabellid eats. _____
4. What is on each appendage of the feather duster worm? _____
5. Annelids have a flexible _____ body along with a set of powerful muscles.
6. Do annelids have a nervous system and/or circulatory system? _____
7. What was the worm abarenicola very skilled at doing? _____
8. How do diopatra, a tube-dwelling worm, positively benefit the mud flats that they exist within? _____
9. How do diopatra make tubes? _____
10. Where do diopatra go when the tide recedes? _____
11. Where do giant tube worms live? _____
12. What lives inside the body of a giant tube worm? How does this partnership help the giant tube worm? _____



13. What is the purpose of the extendable tentacles on the spaghetti worm?

14. Describe the symbiotic relationship between a sea star and annelid.

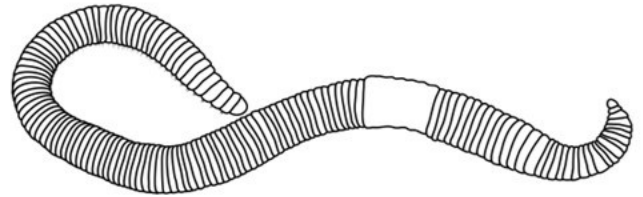
15. How do leeches mask their painful bite?



16. How long can leeches go between feedings? _____

17. How long can earthworms live? _____

18. If all the topsoil that earthworms have turned over was piled up, how many miles deep would the layer of soil covering the entire Earth be?



19. How do earthworms benefit other organisms in the soil?

20. **Conclusion Question:** How did watching this video expand your understanding of annelids?

21. **Conclusion Question:** Where did most of the worms featured in this video live?

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LOOKING FOR MORE ZOOLOGY RESOURCES?

Myth or Fact Challenge Phylum Annelida

ANNELIDA MYTH OR FACT #4
There is a 6 foot long desert worm that burrows through the desert sand and swallow small mammals and reptiles whole. *Myth*

ANNELIDA MYTH OR FACT #7
Some annelids are predators and even have teeth. *Fact*

ANNELIDA MYTH OR FACT #8
Earthworms have a circulatory system with red blood. *Fact*

ANNELIDA MYTH OR FACT #10
If you split an earthworm right down the middle, both ends will regenerate into new worms. *Myth*

ANNELIDA MYTH OR FACT #11
A false image of a "giant tube worm" circled on social media is the earth slug, claiming that these worms are up to 35 feet long and lack a head or tail. *Myth*

Versatile & Low Prep

Earthworm Anatomy Coloring Activity

ANATOMY OF AN EARTHWORM

Students will be able to identify the biological and ecological levels of an earthworm, as well as provide examples of each level of organization, and describe the role of each level in the life of an earthworm. Students will be able to identify anatomical structures and determine their function, and describe the role of each structure in the life of an earthworm.

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No prior learning needed!

Zooology Curriculum Map & Learning Objectives

Unit 1: Zoology Overview

Students will be able to describe the characteristics of life, and explain how these characteristics are used to define life. Students will be able to describe the difference between a biological and ecological level of organization, and explain the role of each level in the life of an organism.

Unit 2: Taxonomy & Classification

Students will be able to describe the process of taxonomy and classification, and explain how these processes are used to identify and name organisms. Students will be able to describe the difference between a biological and ecological level of organization, and explain the role of each level in the life of an organism.

Unit 3: Introduction to Zoology

Students will be able to describe the difference between a biological and ecological level of organization, and explain the role of each level in the life of an organism.

Unit 4: Phylum Protista

Students will be able to describe the characteristics of protists, and explain how these characteristics are used to define life. Students will be able to describe the difference between a biological and ecological level of organization, and explain the role of each level in the life of an organism.

MANY THANKS TO THE AMAZING ARTISTS WHOSE WORK IS INCORPORATED INTO THIS RESOURCE:



And special thanks to...



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