

# Worm World

Name \_\_\_\_\_

Find the link for *Worm World* on the *Plants and Animals* page at the *Kid Zone* at <http://sciencespot.net/>. The link is located at the bottom of the page in the section for *invertebrates*.

► Click the link for “Anatomy of an Earthworm” to answer these questions.

1. How many species of worms are there? \_\_\_\_\_

2. How many different kinds of earthworms are there? \_\_\_\_\_

3. Read the section about body parts to answer these questions.

\_\_\_\_\_ - I push this out of my mouth to grab leaves and to pull them back into my mouth. Then I get them nice and wet with my saliva.

\_\_\_\_\_ - Once I have my food good and wet, I push it down this to move it to my crop.

\_\_\_\_\_ - This is a storage compartment for my food and other things I swallow. From here, my lunch moves to my gizzard.

\_\_\_\_\_ - This is where the work happens. I use any stones that I've swallowed and the strong muscles of this organ to grind up the leaves. These muscles work almost like teeth.

\_\_\_\_\_ - Once the leaves are all ground up they move to this organ where the digestive juices break them down even more.

\_\_\_\_\_ - Once the leaf is all digested, some of it will pass into this to be circulated through my body.

\_\_\_\_\_ - Whatever is leftover comes out of here as castings or worm poop.

4. How many “hearts” does a worm have? \_\_\_\_\_

► Return to Worm World and click the link for the “The Earthworm” section to answer these questions.

5. What substance does Eddie the Earthworm use to keep his skin moist? \_\_\_\_\_

6. Why do worms need to keep their skin moist? \_\_\_\_\_

7. What did Aristotle call earthworms? \_\_\_\_\_

8. Worms have been called “underground farmers”. Why? \_\_\_\_\_

9. What is earthworm poop called? \_\_\_\_\_

10. What are three predators that feed on earthworms? \_\_\_\_\_

► Return to Worm World and click the link for the “The Planaria” section to answer these questions.

11. Where might you find planaria? \_\_\_\_\_

12. What is their “special weapon”? \_\_\_\_\_

13. What is unique about a planarian’s ability to regenerate as compared to other animals and earthworms? \_\_\_\_\_

► **Return to Worm World and click the link for the “What are leeches?” section to answer these questions.**

14. What benefits do chemicals from a leech provide? \_\_\_\_\_

15. How many teeth can some leeches have? \_\_\_\_\_

16. How much blood can a leech suck in 30 minutes? \_\_\_\_\_

17. Where can you find leeches? \_\_\_\_\_

► **Return to Worm World and click the link for the “The Bearded Worm” section to answer these questions.**

18. Where can you find bearded worms? \_\_\_\_\_

19. What is the scientific term for bearded worms? \_\_\_\_\_

20. Bearded worms don't have a mouth or a digestive system. How do they “eat”? \_\_\_\_\_

\_\_\_\_\_

**Done? Click the links at the bottom of the Worm World page to explore other topics. Use the information provided to create three questions for your classmates. Be sure to include the answers!**

**Question 1:** \_\_\_\_\_

*Answer:* \_\_\_\_\_

**Question 2:** \_\_\_\_\_

*Answer:* \_\_\_\_\_

**Question 3:** \_\_\_\_\_

*Answer:* \_\_\_\_\_