

Name _____ Score _____

My Job

At the *Microbe Zoo* main page, click on the *Zoo Information Booth*. Then, click on *What is a Microbe*.

1. What is a microbe?

Go back to the main page. Click on *Dirtland* and then *Compost Pile*.

2. How is compost made?

3. Fungi live on _____ and _____ in the compost pile.

4. What things do fungi degrade (breakdown)?

a.

b.

5. In the picture, on what are the fungi growing?

Go back to *Dirtland* and click on *Home Sweet Home*.

6. What lives on a cutting board?

7. What lives on a couch?

8. What lives in hot water heaters?

9. What are shower slimers?

Go to the top of the page and select "*Snack Bar.*"

10. What microorganism (fungi) is used in making bread?

11. What's the name of the bacteria that is used in making chocolate?

12. What microorganism is used in making yogurt?

At the *Fun Facts About Fungi* website, answer the following questions.

13. How do fungi "eat"?

14. Fungi use different items for food. You have three main types of fungi. Explain how the fungi gets food by acting as a decomposer, how it causes disease, and how some fungi are plant partners.

a. Decomposer -

b. Cause diseases -

c. Plant partners -

15. Identify types of fungi we eat.

16. Fungi are used to make drugs. How do these drugs help people?

a.

b.

17. List three ways grown in vats are used.

a.

b.

c.

Let's look at the Miracle Drug, penicillin.

18. Who discovered penicillin?

19. What does an antibiotic do?

20. In what war was penicillin first used?

21. What could kill a soldier just as fast as his wound?

Using the "*Organisms that Bug You*" sheet, answer the following questions.

22. List three disease caused by food-borne bacteria.

a.

b.

c.

23. List five disease caused by bacteria.

a.

b.

c.

d.

e.

24. List two disease caused by Protozoans.

a.

b.

Look at the list of fungal diseases. Answer the next set of questions.

25. Describe Athlete's Foot.

26. Describe Ringworm.

