Kid’s Discover Microbes Worksheet

Get Set to Read

What do you know about microbes? In the column “Before Reading,” write “true” if you think the statement is true. Write “false” if you think the statement is false. After reading the magazine, check your answers and see if you were correct. Write the correct answer and the page number where you found it. If you got the answer correct, you still need to write the page number where the answer is found.

<table>
<thead>
<tr>
<th>Before Reading</th>
<th>Question</th>
<th>After Reading</th>
<th>Page Number</th>
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<tbody>
<tr>
<td>1. You have billions of microbes on your body right now.</td>
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<td>2. One kind of microbe is fungus.</td>
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<td>3. It is unhealthy to eat food containing microbes.</td>
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<td>4. Microbes cannot live in extreme heat or cold.</td>
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<td>5. Bacteria make up about 1% of your body weight.</td>
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<td>6. Microbes produce some of the oxygen we breathe.</td>
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<td>7. The best protection against infection by microbes is vaccines.</td>
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<td>8. Antibiotics kill viruses.</td>
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<td>9. Microbes in cookie dough with raw eggs can make you ill.</td>
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<td>10. The bubonic plague microbe was responsible for killing 1/3 of the population in Europe.</td>
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Mushrooms always grow in damp places and so they look like umbrellas.

-Unknown Middle School Student
As you read the *Microbes* magazine, answer the following questions:

1. Who was the first person to look at microbes through a microscope?

2. Why do you need a microscope to see a microbe?

3. Name one microorganism van Leeuwenhoek looked at and what disease it causes.

4. How does the scanning electron microscope work and what is its magnification?

5. List the four types of microbes.
   a) 
   b) 
   c) 
   d) 

6. What happened to the first microbes when they died?

7. Describe bacteria.

8. Describe protists.

9. Describe fungi?
10. What job that microbes do "stinks?"

11. How do bacteria help make chocolate?

12. What are foods that use microbes to "pickle?"

14. Explain how cheese-makers use microbes to make their cheese.

15. How many cheese are made with microbes?

16. What are extreme microbes?

17. Where are they found?

18. Why did the author title the article on diatoms "More Like Jewels?"

19. Identify the six microbe menace "warning signs."
   a. 
   b. 
   c.
20. Define “superbug.”

21. What role did mosquitoes play in history?

22. What were the “allies” that helped the Europeans defeat the Aztecs?

23. How did a microbe save residents of Rozvadow, Poland?
Using the diagram on pages 10 - 11, identify the microbes found in the parts of the body.

Where are bacteria found on the head?

Why do you close your eyes when you sneeze?

Why do your armpits smell bad?

Why do so few microbes live in your lungs?

What "jobs" do microbes perform in your intestines?

Even if you wash your hands, where do microbes survive?

Why do microbes like your feet?