

Name: _____ Date: _____

Invisible Kingdom Challenge: 5th Grade Microbe Hunters

Learners practice basic recall to identify microbes in yogurt, sourdough, and backyard ponds while recognizing how tiny organisms impact their daily lives.

- 1. Which of these tiny organisms is often used by bakers to help bread dough rise and become fluffy?**
 - A. Amoebas
 - B. Yeast
 - C. E. coli
 - D. Ferns

 - 2. True or False: All bacteria are germs that make people sick.**
 - A. True
 - B. False

 - 3. A student looking at pond water sees a tiny, green, plant-like organism called _____. It uses sunlight to stay alive.**
 - A. Algae
 - B. Mushrooms
 - C. Wolves
 - D. Viruses

 - 4. What special tool does a scientist need to use to see a single bacterium?**
 - A. Telescope
 - B. Magnifying glass
 - C. Microscope
 - D. Binoculars

 - 5. True or False: Viruses are so small that they are even smaller than most bacteria.**
 - A. True
 - B. False

 - 6. Which of these is a common 'home' for microscopic organisms in nature?**
 - A. A drop of lake water
 - B. Inside a handful of soil
 - C. On the skin of an apple
 - D. All of the above

 - 7. The _____ is a blob-like microbe that moves by stretching its body out and pulling itself forward.**
 - A. Ant
 - B. Amoeba
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- C. Cookie
- D. Goldfish

8. If you leave an orange on the counter for too long and it grows fuzzy green spots, which microbe is likely growing on it?

- A. Mold
- B. Plankton
- C. Seaweed
- D. Grass

9. True or False: Microbes help turn dead leaves into rich soil for a garden.

- A. True
- B. False

10. When you wash your hands with soap, you are trying to remove harmful _____, which are tiny microbes that can cause sickness.

- A. Vitamins
- B. Germs
- C. Oxygen
- D. Insects