

Name: _____ Date: _____

Marvelous Microbe Mystery for Pre-K Protists

Cross-contamination, ecosystem balance, and scale analysis. Use this during circle time to evaluate how tiny invisible life interacts with our giant world.

1. Imagine a tiny microbe wants to travel across a giant kitchen sponge. If the microbe is as small as a speck of dust, what would a drop of water feel like to them?

- A. A dry desert
- B. A giant, deep ocean
- C. A tiny pebble
- D. A hot campfire

2. If we could shrink down and talk to microbes, we would find that many of them are actually helping the plants in our garden grow big and strong.

- A. True
- B. False

3. Suppose you have a magic 'Zoom Lens.' To see a tiny microbe hiding on your hand, you would need to zoom in ____.

- A. Just a little bit
- B. A million times
- C. Not at all
- D. Only with your eyes

4. If a microbe lived in a dark, wet puddle, what would happen if the sun came out and dried the puddle up completely?

- A. The microbe would go for a walk
- B. The microbe might stop moving or disappear
- C. The microbe would turn into a bird
- D. The puddle would get bigger

5. When we wash our hands with soap, we are trying to ____ the tiny microbes that shouldn't be traveling with us.

- A. Invite
- B. Feed
- C. Remove
- D. Paint

6. Every single microbe on Earth is a 'bad guy' that makes people feel sick.

- A. True
- B. False

Name: _____ Date: _____

7. If you leave a slice of bread in a damp, dark bag for a long time, and fuzzy green spots grow, what does this tell us about the microbes there?

- A. The microbes are sleeping
- B. The microbes are eating and growing
- C. The bread is getting fresher
- D. The bag is magic

8. Microbes are so small that if you put ten thousand of them in a line, they would still be ___ than the tip of your pencil.

- A. Taller
- B. Larger
- C. Smaller
- D. Heavier

9. Can microbes travel from one person to another if they share a toy without wiping it clean?

- A. True
- B. False

10. What is the best way for a 'Microbe Detective' to see a single bacterium?

- A. Using sunglasses
- B. Using a powerful microscope
- C. Squinting very hard
- D. Looking in a mirror