

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

### Exploring Bacteria and Fungi

Bacteria and fungi can be both useful and dangerous to humans. Some bacteria aid in bodily processes, while others can make us very sick. In this session, we will explore what different types of bacteria and fungi look like at the microscopic level.

**Before the presentation begins** answer the following questions.

1. List some types of bacteria that you are familiar with.
2. Of the types of bacteria you listed above, which are dangerous and which can be useful?
3. List types of fungi you are familiar with.
4. Of the types of fungi you listed above, which are dangerous and which are not?
5. Is mold a type of fungus or bacteria?

Answer the following questions **during and after the presentation**.

1. What type of bacteria was viewed under the microscope?
2. Draw a picture of the bacteria. Why do you think the structure is shaped that way?
3. What type of fungus was viewed under the microscope?
4. Draw a picture of the fungus. Is it similar or different than the bacteria? Why do you think it is or is not?