

Life Science Lab Notebook Entry #4

Bacteria

Purpose/Background:

To identify differences and similarities between types of bacteria.

To recognize different shapes of bacteria.

To practice proper microscope techniques.

Instructions: In your lab notebooks you will include the following information for 5 members of Kingdom Eubacteria (*Yogurt, Blue-green algae (cyanobacteria), 1 example of cocci, 1 example of bacilli, 1 example of spirilla*):

1. Field of view sketch (needs to be in colored pencil and accurate)
2. Total Magnification (use the highest magnification that still allows you to view the entire organism.
3. Slide Name (this is printed on the slide)
4. Bacteria Shape (cocci, bacilli, or spirilla)

*****For 1 of the main bacteria types (cocci, bacilli, or spirillae), use a gram negative stained slide.***

Example:

Slide Name _____

Shape of Bacteria _____

Total Magnification _____

