

Name _____
Class Period _____
Date _____
Lab Partner _____

Protist Microscope Lab

Objective: To observe different protists. To compare and contrast protists to other organisms.

Materials: Microscope, slides, lab report, Petri dishes, colored pencils, iPads

Procedure: Look at each of the 4 slides.

Amoeba proteus

diatom

euglena

paramecium caudatum

Follow the following rules and draw something from each of the slides you observe.

- Title the page.
- Trace a Petri dish on the paper. (The circle now represents the field of view.)
- Draw in the circle exactly (This includes color) what you see through the microscope. Objects should be the same size and location as they are in the field of view.
- Under the circle, write the power (in number form) the object was seen under.

Data: YOU WILL HAVE FOUR DRAWINGS

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Protist Questions

1. What is one difference between protists and the bacteria (monera) kingdoms?
2. What is a similarity between protists (most) and bacteria (monera)?
3. Why are some protists called plant-like?
4. Why are some protists called animal-like?
5. How does an ameba get food?
6. What is the difference between an ameba and a paramecium?
7. What are 2 helpful activities of protists?
8. What are 2 harmful activities of protists?
9. Why are protists considered to be the “junk drawer” kingdom?
10. What are 2 things that all protists have in common?
11. What are 3 differences between protists?
12. What is another name for animal-like protists?
13. What are 2 ways animal-like protists are similar to animals?
14. What is another name for plant-like protists?
15. How are plant-like protists and plants similar?