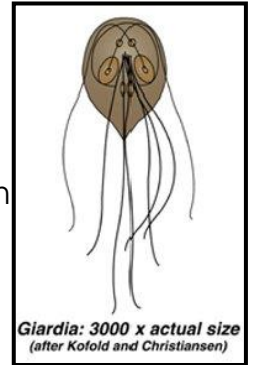


Name: _____ Period: _____ Due Date: _____

PROTIST MINI-MODEL POSTER PROJECT - - GUIDELINES (7.LS.1, 7.LS.5)

- ✓ **START:** Choose a protist from the list given below. Since there are 21 examples to pick from, no more than two people in a class period may pick the same protist. There will be a sign-up list so that all protists can be researched.
- ✓ **CREATE:** You are then to make a poster which incorporates all of the important information about your protist.
- ✓ **RESOURCES:** You will need to use the textbook From Bacteria to Plants (chapter 3), the text you downloaded "Protists," any of the informational texts/science encyclopedias I have left out, and research from the Internet (images and other textual information, videos, etc.).



Description:

- Your poster information must be on an **8 ½ x 11" piece of paper**. If you need more room, you can use paper from the hallway or tape paper together. This is to be no larger than 4 pieces of 8 ½ x 11" paper put together.
- If you create this digitally (in Notability please), you **MUST** hand-draw your picture. (You cannot use someone else's image as your own.)
- Your poster should be **neat, detailed, colorful and creative**.

Specific Requirements:

- Name** of protist.
- Drawing** of your protist. Or you can create a "**multi-media**" collage with construction paper and/or magazine scraps. You can **sew or cross stitch** an image or even create a **3D- model** from spare craft supplies if you have them. (DO NOT spend money on this!)
- Drawing should **show and label important organelles and other structures** such as:
 - pseudopods
 - nucleus
 - contractile vacuoles
 - chloroplasts
 - cilia
 - flagella
 - etc. (the protist you pick may have parts not listed here...)
- Classify the characteristics** of the protists:
 - unicellular or multicellular
 - protozoa (animal-like) or an algae (plant-like)
 - autotroph or heterotroph (define and describe the specific way the protozoa you picked "eats")
 - EXTRA CREDIT: describe how the protist reproduces - classify as asexual or sexual reproduction

List of Protists:

- | | | |
|----------------------------|--------------------------------|---------------------|
| 1. diatoms | 8. plasmodium | 15. rotifer |
| 2. dileptus | 9. volvox | 16. vorticella |
| 3. amoeba | 10. desmid | 17. euglena |
| 4. trypanosomes | 11. water bear
(tardigrade) | 18. stentor |
| 5. spirogyra | 12. euplotes | 19. paramecium |
| 6. water flea
(daphnia) | 13. bacteria | 20. dinoflagellates |
| 7. didinium | 14. cyclops | 21. water mite |

PROTIST MINI-MODEL POSTER PROJECT

GRADING RUBRIC:

Requirement:	Points:	
protist name	4	0
drawing/ collage/cross-stich/ 3D-model/ etc.	neat and detailed 4 3 2 1 0	colorful 4 3 2 1 0
important organelles/structures	shown 4 3 2 1 0	labeled 4 3 2 1 0
classified as animal- like or plant-like	correct 4	incorrect 0
classified as unicellular or multicellular	correct 4	incorrect 0
classified as autotroph or heterotroph	classified 4 0	describe/defined 4 3 2 1 0
EXTRA CREDIT: Reproduction (1/2 credit)	classified as asexual or sexual 2 0	described 2 1 0

KEY:

- 4 - complete, correct, and AMAZING/ABOVE and BEYOND!!!
- 3 - complete and correct
- 2 - mostly complete and/or correct
- 1 - very little complete and/or correct
- 0 - not complete or correct

TOTAL _____/32
