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

**Protista Presentation**

For this assignment, you will be expected to research a Protista taxa and present your findings to the class in the medium of your choice. If you find a specific species/family within your taxon that you find particularly interesting, feel free to focus on it. This project will be done in groups of three (with a few groups of two). If you would prefer to work independently, please come talk to me. Choose one of the following to research with your group:

|  |  |  |
| --- | --- | --- |
| **Plant-like** | **Fungi-like** | **Animal-like** |
| * Euglenophyta
* Pyrrophyta
* Chrysophyta
* Rhodophyta
* Phaeophyta
* Chlorophyta
 | * Acrasiomycota
* Myoxymycota
* Oomycota
 | * Ciliophora
* Zoomastigina
* Sporozoa
* Sarcodina
 |

There will be four parts to this assignment.

**Part I: An information sheet to give to your classmates (/15)**

This will be a document that I will upload on to my website to be accessed by your classmates. It can be in well organized point-form. This should include:

* The name of your taxa
* Whether it is plant-like, fungi-like, or animal-like
* Why it is categorized as such
* Whether it is autotrophic (photosynthetic or chemosynthetic), heterotrophic, or saprotrophic
* If heterotrophic, how it gains nutrients (phagocytosis, absorption, etc.)
* Whether it is mobile and how it is mobile (flagella, cilia, etc.)
* Mode of reproduction
* Life cycle (multiple stages? Single staged?)
* A picture/sketch of a species in the taxa
* What makes this taxon interesting/unique

This will be marked on completion (were all the points answered?), thoroughness (were all the points answered well?), accurateness (is all the information correct based on our current understanding?), and clarity (is the information presented clearly and logically?).

**Part II: Presentation (/15)**

You will be presenting your research to the class in a medium of your choice. Some options include but are not limited to:

* Poster
* PowerPoint
* Skit
* Creative story
* Website/blog
* Scientific paper
* Movie
* Song

Please discuss your alternative idea with me before starting. This presentation should include as much of the information from part I as possible but depending on how it is presented, it may not be possible to include everything. You will be given class time to work on this. You will be presenting this to your classmates so feel free to be silly and have fun**,** but don’t forget to be scientific.

**Part III: Self evaluation (/5)**

After every class in which you are given time to work on this assignment, you will be asked to complete a self-evaluation. Be honest and critical of your own work.

**Part IV: Peer evaluation (/5)**

After the presentation, you will have the opportunity to peer evaluate your group members. They will receive a mark out of 5, based on participation and input. If you work independently, this section will be omitted.