**CELL ORGANELLE PROJECT** **My assigned organelle is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

We have all learned about the organelles of eukaryotic cells before. So I want YOU to be the teacher! You will research your assigned organelle using your textbook, reliable websites, books, scientific journals and other resources to present the following information about your organelle:

* Major processes of organelle
* Interaction(s) with other organelles
* Relation of organelle structure to its function(s)
* Molecules used by the organelle, and end products produced

Your presentation needs to be a PowerPoint, Prezi, etc that is easy to read so that your peers can follow along as they take notes. Your presentation must also meet the following requirements:

* At least **THREE** reliable sources are used (this can include the textbook).
* All sources are cited at the end of the presentation using APA format (you may use a citation generator to help you).
* Graphics should be used to enhance your presentation.

Along with your presentation you will complete a 4-paragraph summary of a scientific article that discusses current research pertaining to your specific cell organelle. The summary should contain complete sentences and be organized with an introduction, two detail paragraphs, and a conclusion. Provide a copy of the article or the web address so I can read the article as well.

The following rubric will be used to grade your presentation and article summary:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CRITERIA** | **4 – Excellent** | **3 – Good** | **2 – Adequate** | **1 – Poor** | **0 – Not attempted** |
| **Content (x3)** | Presentation includes the following information in an organized fashion:- Major processes of organelle- Interaction(s) with other organelles- Relation of organelle structure to its function(s)- Molecules used by the organelle, and end products produced | All excellent conditions met except presentation is not organized/easy to read. | One of the excellent conditions not met and the presentation is not organized/easy to read. | Two or more of the excellent conditions not met. | No relevant information presented. |
| **Source citation** | Presentation includes at least three reliable sources with APA format. | All excellent conditions met except no APA format. | Two reliable sources provided. | One reliable source provided. | No sources cited. |
| **Effort** | Presenter is easy to understand. Graphics enhance the presentation. | Presenter can be understood. Graphics are interesting. | Presenter is somewhat understandable. Graphics are present. | Presenter is difficult to understand. Graphics are irrelevant. | Presenter cannot be understood. No relevant graphics. |
| **Article summary (x2)** | Summary thoroughly discusses research on organelle with four required paragraphs. At least one page with article source provided. | All excellent conditions met except summary does not discuss details of the article. | Two excellent conditions not met. | Three excellent conditions not met. | No summary submitted. |

TOTAL: \_\_\_\_\_\_\_\_\_\_ / 28 pts