**Cell Organelles**

Learning objective:

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| ***MS-LS1-2.*** | ***Develop and use a model to describe the function of a cell as a whole and ways the parts of cells contribute to the function.*** |

Directions:

You will work with 1 partner for this in class project. You will be assigned an organelle to research, present, and discuss. We will be using the iPads for research (sites listed below). You will be creating a page on blank printer paper to represent the part of the cell you are assigned.

For each organelle you must include the following:

* Name of the organelle
* Location (nucleus or cytoplasm)
* Plant, animal, or both?
* Function of the organelle
* Illustration of the organelle
* Image and explanation of an analogy for your organelle

You must cite your evidence for the information that you present (provide credit for the source you used)

Sites/Sources:

* Biology for Kids <http://www.biology4kids.com/files/cell_main.html>
* Cells Alive <https://www.cellsalive.com/cells/cell_model.htm>
* Khan Academy <https://www.youtube.com/watch?v=Hmwvj9X4GNY>
* Plant Cell video <https://www.youtube.com/watch?v=9UvlqAVCoqY&feature=youtu.be>
* Other websites will be considered upon teacher approval.

**Organelle Rubric**

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|  | 10pts | 6pts | 0pts |
| Name, Location, Animal or Plant | Includes all proper labels and location | Missing one or more labels or location | Does not include any of the required labels |
| Structrure /Function | Includes all structures and functions of the organelle | Provides incomplete details of the organelles function and structure | Does not include structure nor function of organelle |
| Illustration | Provides a well illustrated, careful, and colored illustration of the organelle | Provides a partially illustrated and colored illustration of the organelle | Does not provide an illustration or illustration is unrecognizable. |
| Analogy | Provides a correct, thoughtful analogy and illustration to the organelle (including an explanation). | Partially provides a correct, thoughtful analogy and illustration to the organelle. | Does not provide an analogy. |
| Citations  \*easybib.com | Provides complete citations and credit for information. | Provides partial citations and credit for information. | Does not provide citation for research. |