## **Cell Analogy Project**

Your job is to compare the cell and its organelles to a theme of your choice. I used the examples of comparing the cell to Santa's Workshop. (Remember I have googled and researched hours worth of internet examples. Come up with your own idea and do not plagiarize. However, feel free to use the internet to spark some ideas for your own individualized project).

Use google presentation to create a slideshow. On each slide of your project should be a picture of an unlabeled animal cell with an arrow or circle indicating the organelle addressed. A good example of an unlabeled cell is here: <a href="https://hermansonhbiology.files.wordpress.com/2011/11/04\_04aanimalcell-u.jpg">https://hermansonhbiology.files.wordpress.com/2011/11/04\_04aanimalcell-u.jpg</a> but feel free to find your own.

1. Each slide will show the cell indicating the organelle on one side and a picture relating to an analogy comparing the cell's parts to your theme on the other side of the slide. See the example below. This should be done for EACH ORGANELLE (there are 13 listed). There must be a picture accompanying the analogy for your particular theme. Make sure to stick to your theme. The analogy should relate back to the function of the organelle.

Comparing a Cell to Santa's Workshop

In Santa's Workshop, the elves make the toys. The toys in the workshop are the proteins in a cell because they are assembled by the elves/ribosomes. In a cell, ribosomes make proteins just like toys are made by elves

Santa's Elves are Like Ribosomes



This arrow would be pointing to the ribosomes in the animal cell. It lists on top the organelle and comparison (The Elves – Ribosomes), and adds an intelligent analogy of why elves were chosen for that organelle. (In Santa's Workshop, the elves make the toys, the toys in the workshop are the proteins in a cell because they are assembled by the elves/ribosomes. In a cell, ribosomes make proteins just like toys are made by elves). Use this as a template for what I am looking for. Notice the complete sentences;-)

- 2. The title should read "A Cell is like a {insert your theme}"
- 3. The project should be very neatly done (good applicable clipart, straight lines / clear arrows, and eye appealing spacing) and colorful and use the entire slide. (Make sure the pictures of your analogy are big enough to see to the audience who you will be presenting to).
- 4. This should be somewhat fun...make your project your own. Use your own words but make sure to put in vocabulary that the text and our discussions use (sound intelligent and complete in descriptions). Make descriptions clear and concise with as few words as possible while still making sense.