

**Cell Analogies Poster**

1. Choose either a plant or animal cell. Below are the organelles required to be included in your poster:

Plant Cell	Animal Cell
Cell Membrane	Cell Membrane
Nucleus	Nucleus
Cytoplasm	Cytoplasm
Mitochondria	Mitochondria
Golgi Body	Golgi Body
Endoplasmic Reticulum (smooth and rough)	Endoplasmic Reticulum (smooth and rough)
Ribosome	Ribosome
Cell Wall	Lysosome
Chloroplast	Cytoskeleton
Central Vacuole	Cilia
Lysosome	Centriole

2. Create a poster that depicts a plant or animal cell and an analogy (side by side).
3. Write an analogy to show the similarity between each cell organelle and the everyday object.
 *YOU MUST INCLUDE YOUR JUSTIFICATION. (Ex. The lysosome is like a trashman *because* it removes waste in the same way a trash man does.)
 *YOU MAY NOT USE ANY LIVING ORGANISMS OR THINGS THAT COME FROM LIVING ORGANISMS IN YOUR ANALOGIES
 *Some analogies that you may use could be a town or a factory/school
4. Create a visual for your analogies.
The posterboard should be divided in two, a cell side and an analogy side
 *EACH ORGANELLE ON YOUR POSTER SHOULD HAVE AT LEAST TWO VISUALS: A HAND-DRAWN IMAGE OF THE SPECIFIC CELLULAR ORGANELLE IN QUESTION and A HAND DRAWN IMAGE OF THE OBJECT SELECTED WITH SIMILAR FUNCTION.
 Remember this is a scrapbook so it should be **colorful** and **easy to read!!!**
5. Here are the *specific* requirements:
 -The cell picture must be labeled with a key to describe the functions of each organelle
 -The analogy should be drawn and parts labeled with a key to describe the function of the part AND how it is an analogy for its corresponding organelle

**Grading Rubric**

Characteristic	Score
Neatness and creativity (-5 for a colorless image)	/10 points
List of organelles with corresponding functions on the side(36 points-3 points for each organelle and function)	/36 points
Analogy for each of the cell organelles (36 points-3 for each of the organelles)	/36 points
Colorful visuals on each page (12points-1 point for each visual)	/12 points
Participation	/6 points
Total Grade	/100