**Plant and Animal Cell Project**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Task -** You will relate the different cell organelles to an everyday situation or item using analogies. Your analogy will be presented in the form of a poster that represents a cell and its organelles. Some examples include: museum, amusement park, mall, grocery store, park, county fair, hamster cage, school, family, restaurant, stadium, sports teams, kingdom, etc.

**Poster -** There are 2 parts to the poster:

**• Part 1 – The analogy:** You should have a well-drawn or constructed picture of your analogy that is detailed, labeled and in color. For example, if you were doing cell city, you would have a picture of a city with each of the parts of your analogy pictured and labeled. Your label should include both the cell part and the analogy. For example, Power Plant (Mitochondria).

**• Part 2 – Explanation chart glued on the back of the poster:** The table should be completed in your own words. Be sure that you give a detailed explanation for your analogies.

|  |  |  |  |
| --- | --- | --- | --- |
| **Plant And Animal Cell Analogy Project** | | | |
| **Requirement Checklist** | **Expectation** | **Possible Points** | **Earned Points** |
|  | Your poster includes these 10 required organelles. (2)  Cell Membrane Vacuoles  Cytoplasm Endoplasmic Reticulum  Ribosomes Nuclear Membrane  Golgi Bodies Nucleus  Mitochondria Nucleolus  Poster includes 2 organelles of your choice.  Cell Wall  Lysosomes  Chloroplasts  Chromosomes  Other Cell Organelle \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 24 |  |
|  | Organelles are labeled with the name of the cell part and analogy. Example: Power Plant (Mitochondria) (2) | 24 |  |
|  | Chart on back: The analogies are logical and fit the theme of your poster. The explanations for each analogy are clear and logical. They explain how it actually relates to the cell organelle’s function. (3) | 36 |  |
|  | The poster analogy is unique and creative.  The poster is well organized.  The poster shows a well-planned and designed idea. | 10 |  |
|  | The poster is neat with minimal errors.  The poster is colorful and shows high degree of effort. | 6 |  |
|  | If you choose to do “A Cell City” you will receive a 30 point deduction because that was our example in class. |  |  |
|  | **Score** | 100 |  |