Cell Book Rubric

Project Due: November 16th

One of the best ways to show that you understand something is to be able to compare it to other things that you already know a lot about. For this project, you will create a book about a cell. Your book will compare the cell and all of its organelles to something we are more familiar with like a city, factory, a castle, etc. You will need to include all of the organelles we have learned about in class. It must also be colored and illustrated. The goal for this project is to demonstrate your understanding of cells and how they work.

**General Requirements:**

1. An introduction page—explain what cells are, why they are important, and also explain the analogy you will be using for your cell.

2. Have a plant vs. animal cell page to compare/contrast the two main types of cells.

3. Your book needs to explain and compare the functions of these organelles:

Cell wall Cell membrane Nucleus Cytoplasm Golgi bodies Lysosomes Chloroplasts Endoplasmic Reticulum

Vacuoles Ribosomes Mitochondria

4. You must have a colored illustration on each page of the organelle or what represents it.

5. You must compare the cell to something else like: a factory, city, castle, etc. Be creative!

6. Remember that this project is worth a lot of points. Make sure that your book is constructed in a neat and careful manner! Think of it as a book you would be making for an elementary student explaining cells.

**Grade Breakdown:** Checkmark Completed by Student

Book has a cover with your name and a unique title created by you (3 pts) \_\_\_\_\_\_\_\_

Introduction page is included and explains:

-what cells are, why they are important, the analogy used in your book (5 pts) \_\_\_\_\_\_\_\_

Plant vs. Animal page accurately compares and contrasts the two types of cells (5 pts) \_\_\_\_\_\_\_\_

-This page should include drawings AND descriptions

Illustrations are colored and accurately depict each organelle or its representation-

Book accurately describes and compares the functions of all listed (11) organelles (27 pts) \_\_\_\_\_\_\_\_

**Possible Areas for Point Deductions:**

-Lack of proper spelling/grammar -Lack of neatness

Total Points that you think you should get: \_\_\_\_\_\_\_\_\_/ 40