Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

Cell City Project

The cell is the smallest unit of most living things. Organelles carry out the cell’s activities which include the life processes. A cell can be compared to a city in diversity of tasks it performs. In this activity, you are asked to design and draw a city and relate the parts of your city to a typical animal/plant cell.

Procedure:

1.) You are to work individually in which you will complete one project each.

2.) The individual must determine how to utilize the cell organelles and related them to a city. Be as creative as you research and assign city parts. Your City must include the organelles listed below.

3.)You can decide on the overall theme or style for the city (futuristic, western, modern, industrial).

4.) Once you decide what buildings are to be built, and the building style, then create your layout.

5.) Each person will hand in a neatly labeled diagram of their Named Cell City.

**DUE DATE: FRIDAY, March 17th!!!!!**

Complete the following and hand it in with your diagram:

|  |  |  |
| --- | --- | --- |
| **Organelle** | **What does this organelle do?** | **City Analogy (Which part of your city performs this job?)** |
| Cell Membrane |  |  |
| Cell Wall |  |  |
| Golgi Apparatus |  |  |
| Ribosome |  |  |
| Nucleus |  |  |
| Mitochondria |  |  |
| Vacuole |  |  |
| Lysosome |  |  |
| Endoplasmic Reticulum |  |  |
| Chloroplasts |  |  |
| Cytoplasm |  |  |