

Cell Analogy Project

Instructions

Cells, the basic units of life, are often compared to a pizza parlor, a factory, or even an entire city. In this project, you will need to make analogies to compare the function of the plant cell to the part and functions of an entire city. You will have TWO CLASS PERIODS to complete this assignment. To accomplish this, you must complete the following tasks:

Task 1: Create analogies between a plant cell's parts and a city's (or any analogy's) parts by completing the Cell Analogy worksheet.



A must: When making the analogies between your cell and your city (or other analogy), the *functions* of the city part and cell part must match, not the appearance!

This is worth 26 points

Task 2: Draw a detailed model of your cell city on a poster. You may work in pairs or individually for this assignment. This drawing must be neat and turned in as final draft form! Use a ruler for your straight edges! You must label both the part in the cell city and the cell part that's represented.

This is worth 24 points

Task 3: (extra credit) Build a three-dimensional model of your cell city OR a 3-D model of either a plant cell or animal cell. This must be completed by Monday 9/12. You must label both the part in the cell city and the cell part that's represented in your model.

This is worth up to 20 extra credit points!