Cell City Project

**Directions:**   
For this project, Step 1: Brainstorm on the cell parts and what you can draw to represent each part. Use the Parts of a Cell Page to help you.

Step 2: Draw a picture of your city. Label each “cell” part of the city with a letter A through J.

Step 3: Create a legend or map key in the corner and explain what A – J represent. Ex: D = Town Hall

Step 4: On a separate piece of paper, *in complete sentences*, write your analogies. This will explain why you selected each part of your city to represent the part of the cell and what function they both share.

Each part of your city will correspond to a part of the cell.  
*Your city must have*:

a name  
a border  
a ruler (mayor)  
police force or protection  
make a product  
have a way to deliver the product  
power system   
a way to deal with the garbage

Rubric for grading: Students must adequately describe how each cell part matches the area of the city using details from lessons and their own research.

Project title \_\_\_ /2pts  
Cell wall/membrane \_\_\_ /5pts  
Nucleus \_\_\_ /5pts  
Endoplasmic Reticulum \_\_\_ /5pts  
Ribosome \_\_\_ /5pts  
Golgi Body \_\_\_ /5pts  
Vacuole \_\_\_ /5pts  
Mitochondria \_\_\_ /5pts  
Lysosome \_\_\_ /5pts  
Chloroplast \_\_\_ /5pts  
Cytoplasm \_\_\_ /5pts  
  
Neatness \_\_\_ /5pts  
Creativity \_\_\_ /5pts

Analogies page 30 Points  
*(attached to back of city)  
Graded separately*

Name/date/class \_\_\_ /5pts

TOTAL \_\_\_ /68