

## **Cell Analogy**

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Cells are like small communities, with many parts doing specialized jobs to help the whole. A similarity between like features of two things, on which a comparison may be based is called an analogy. Analogies help you relate something new (the cell organelles) to something that you already know a lot about (like a city). Here's a small example: The cell is like a school – the nucleus is like Mr. Williams because he controls the school like the nucleus controls the cell. The ER is like the hallways because the hallways transport students from room to room like the ER transports proteins in the cell.

**You will be creating an analogy as you compare the cell to a city**

1. Title – The Cell is Like A City
2. Draw a cell with your 8 organelles labeled neatly.
3. Explain how each part of the city is similar to its corresponding organelle.
4. Include at least 8 organelles. Use your notes.

**This guide will help you. Obtain your teacher's approval on any part with which you are having problems. Use the grading rubric to be certain you have met all criteria for this assignment.**

The cell is like a city:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

**NOTE – When writing the explanations on your drawing, put them in the following format, replacing underlined words with your own.**

The nucleus is like Mr. Williams because he controls the school like the nucleus controls the cell.