

Name \_\_\_\_\_

### Cell Town

You are tasked with creating a poster that relates the parts of a cell to the parts of a town. You may choose to illustrate either a plant cell or an animal cell, but you must indicate on your poster which cell you have selected. On the back of your poster you must attach a key (either typed or written in black/blue ink) that explains why you chose a particular building or place for each cell part. In addition, be sure to label all your structures and places on the front of your poster. The poster must be drawn on a full-sized piece of white poster board.

Include the following organelles:

cell membrane	nucleus	mitochondria	ribosomes
endoplasmic reticulum	Golgi bodies	cytoplasm	vacuoles

If you're illustrating a plant cell, you'll also need to include a cell wall and chloroplasts.

If you're illustrating an animal cell, you'll also need to include lysosomes.

**Key format:** We know that the nucleus controls all the activities of the cell. In your poster, Town Hall may represent the nucleus. Your key must have the following format:

Cell Organelle or Structure	Town Building or Structure	Explanation
Nucleus	Town Hall	I chose Town Hall to represent the nucleus because the nucleus controls all the activities in the cell and Town Hall is the center of government and controls all the activities in the town.

**Your explanation must be written in complete sentences.**

You will be graded on the following:

- Quality of drawing. You don't have to be an artist but buildings should be drawn with a ruler. Your poster must be neat and colorful.
- Inclusion of all appropriate structures. Remember, if you've chosen to illustrate an animal cell, don't include plant structures.
- Quality of key. The key must be complete and explanations should be reasonable.
- Adherence to all of the instructions.

**Project value: 200 points (test grade)**

**Due Date: February 3, 2016**