NAME_____

Hour_____

Cell City!!

Directions: Create a visual aid comparing the organelles and structure of a cell to a city, town or village.

Step 1: Organelle Analogy Chart

Organelle	**Analogy: What are you comparing this organelle to?**	**Explanation: What's the relationship between the 2?**
Cell Membrane		
Cell Wall (plant cells)		
Chloroplasts (plant cells)		
Cytoplasm		
Endoplasmic Reticulum		
Golgi Apparatus		
Lysosomes		
Mitochondria		
Nucleus		
Nucleolus		
Ribosomes		
Vacuoles		

NAME_____

Hour_____

Step 2: Make your Visual Aid
You Visual MUST include!

1. A labeled **diagram** of a plant cell. All organelles should be correctly labeled
2. An **Illustration** of the city, town or village (or other approved idea) to which you are comparing the cell
3. A **Key** (or some other means- lines, string, etc.) to show what each organelle is being compared to within your city, town or village.

RUBRIC:

Requirements	Exceeds 4	Meets 3	Partially Meets 2	Does Not Meet 1
Cell Diagram:	• All 12 organelles are represented & are labeled correctly • Illustrations of organelles are colored & are of exceptional detail/quality	• All 12 organelles are represented & are labeled correctly • Illustrations of organelles colored & accurate	• 1 organelle is missing or mislabeled • Illustrations of organelles are not colored &/or have few inaccuracies	• 2 or more organelles are missing or mislabeled • Illustrations of organelles are not colored &/or have many inaccuracies
City Diagram:	• Comparisons are complete, are of a sophisticated level, or are exceptionally creative	• All 12 organelles are compared appropriately to a city person, place, or thing	• Most organelles are compared appropriately to a city person, place, or thing	• Few organelles are compared appropriately to a city person, place, or thing
Analogy Key:	•A connection is made between organelles & city parts using a detailed key •Creative language used to describe city parts	• A connection is made between organelles & city parts using a key, lines, or other means	• An incomplete or unclear connection is made between organelles & city parts	• No connection is made between organelles & city parts
Mechanics:	• Display is neat & error-free, and	• Display is neat & error-free	• Few errors that do not seriously interfere with communication	• Several errors in text, and/or • Errors interfere with communication