

Cell City Assignment Rubric

For each cell part/organelle that you have labeled on your drawing, you need to provide a typed justification explaining why you chose the city part to represent the cell part and how the functions of each are related to each other.

For example, if you chose to put solar panels on one of your buildings to represent chloroplasts, you might say:

In my drawing, I put solar panels on my buildings to mimic the role of chloroplasts in a plant cell. I believe this is a good relationship because chloroplasts take sunlight energy and convert it into in to glucose, which provides fuel for the plant cell. Solar panels work similarly in that they trap sunlight energy and convert it to usable energy to provide power for buildings.

Total Points: _____ / 70

At Standard

Approaching Standard

Justification Points:	Exceeding Standard 5 points	At Standard 3.5 points	Approaching Standard 2 points
_____ cell membrane _____ endoplasmic reticulum _____ golgi apparatus _____ mitochondria _____ vacuoles _____ nucleus _____ ribosomes _____ lysosomes _____ cytoplasm _____ cytoskeleton _____ cell wall (plants) _____ chloroplasts (plants)	<ul style="list-style-type: none"> ○ The role of the organelle is described in detail. ○ The role of the organelle is related to the role of the building/structure in a city. ○ Justification for city analogy is thorough & detailed. ○ Explains the relationship between the cell and city structure clearly and in-depth. 	<ul style="list-style-type: none"> ○ The role of the organelle is described in general. ○ The role of the organelle is related to the role of the building/structure in a city. ○ Justification for city analogy is present, but lacks detail. ○ Explains the relationship between the cell and city structure clearly, but lacks depth. 	<ul style="list-style-type: none"> ○ The role of the organelle is not described. ○ The city analogy for the organelle is missing or inadequate. ○ Justification for city analogy is missing or incomplete. ○ Does not explain relationship between the organelle and the city structure.
Format/Typed	Assignment is typed, single spaced, 12 point font, each structure is in rubric order with a bolded heading, & explanations in separate paragraphs.		Assignment is not typed and/or each structure is not in rubric order and/or lacks a heading with explanations in separate paragraphs.
Art Components: <input type="checkbox"/> Typography <input type="checkbox"/> Line <input type="checkbox"/> Use of Media (markers/pen) <input type="checkbox"/> Craftsmanship (x3)	<ul style="list-style-type: none"> <input type="checkbox"/> Labels are clear, neat and legible. The lettering is straight and evenly spaced. <input type="checkbox"/> A ruler was used to create solid, precise lines. <input type="checkbox"/> Artwork shows attention to detail and pride in work. <input type="checkbox"/> It is neat and well put together. The piece is well presented. Images are clean. 	<ul style="list-style-type: none"> <input type="checkbox"/> Labels are clear, neat & legible. The lettering is straight & evenly spaced. <input type="checkbox"/> Lines are mostly solid not sketchy. <input type="checkbox"/> A ruler was used for most lines. <input type="checkbox"/> The artwork shows average craftsmanship, it was put together with some effort and looks neat. Pride in work is evident. 	<ul style="list-style-type: none"> <input type="checkbox"/> Labels are not easy to read. Lettering is not clear, neat, or legible. <input type="checkbox"/> No attempt has been made to communicate artistically. <input type="checkbox"/> A ruler was not used. <input type="checkbox"/> Artwork is sloppy, torn, lacking attention to detail, dirty, crumpled, buckled, and shows a lack of pride in work. Images are not clean.