

Cell City Project 2018

Create a fictional **city** where each part of the city represents an organelle in the cell. You may choose either a plant cell or an animal cell for your city. Label all the city parts, the organelles represented and **WHY** you chose it to represent that part of the city. For example, the city garbage department would be the lysosomes because they take care of the trash. Name your city!

We learned about the following organelles in the cell, but you get **to choose 8** to include in your project:

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|--------------------------|------------------------------|
| 1. Cell Membrane | 9. Cytoplasm |
| 2. Nucleus | 10. Ribosome |
| 3. Nucleolus | 11. Golgi Apparatus |
| 4. Mitochondria | 12. Cell Wall (PLANT CELL) |
| 5. Lysosome | 13. Chloroplast (PLANT CELL) |
| 6. Vacuole | 14. Centriole (ANIMAL CELL) |
| 7. Endoplasmic Reticulum | 15. Flagella (ANIMAL CELL) |
| 8. Chromatin/Chromosomes | |

*Your project will include the drawing and the explanations of each comparison made in the city.

See back side for rubric.

You will be graded as follows:

Area	Points Possible	YOUR GRADE	TEACHER GRADE
The comparison/analogy is clear and makes sense	16		
Project is neat, colored, creative & best work	5		
TOTAL	21		