Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Tuesday, September 24, 2019

Cell Organelle Project **TEST Grade**  **Due Date *October 7 , 2019***

Student Choice \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Humorous Project  Top Ten Popular Organelles | Draw, Label, and define (explain the function) of each of the 10 Organelles.  (Note: Paper is available in the classroom if you need one piece.) | Use a complete sentence to humorously explain the function of each organelle. | Explain why your statement is humorous for each of the 10 organelles compared to the function of each organelle.  (If a plant cell is chosen 12 organelles will be needed.) |
| Comparative Project  (Written)  Choose Ten Human body organs and compare them to ten cellular organelles | Make a side by side comparison to the human body organ and the cell organelle. This may be done in a format agreed upon by you and your teacher. | Use complete sentences to explain the function of the human organ compared to the cell organelle. | Explain why you made the choice for comparison that you did.  (If a plant cell is chosen 12 organelles will be needed.) |
| Cell City Analogy 2D  Compare those components of a city, an amusement park, a mall, or a school to the organelles of a cell. | Draw, Label, and Color all parts of you ‘map’ of the chosen place. It must have ten analogous parts to the cell organelles.  Diagram/Map should be half a poster board size.  (Note: Paper is available in the classroom if you need one piece.) | Explain the function of each part of your analogous place to those of the cell organelles. | An example would be: City Hall is like the Nucleus of a cell. City Hall is the information station of a city and makes the decisions such as when, where, why, and how to make changes for the city just as the nucleus controls the functions of the cell.  (If a plant cell is chosen 12 organelles will be needed.) |
| Cell Model 3D  This is a 3 Dimensional model of an animal cell with 10 organelles or a plant cell with 12 organelles. | A key must be crafted with the model and have all items listed on the model also on the key. | Each organelle must have a definition included with the model or with the key. | Name and explain why you chose the item represented on the model for each of the organelles. |
| Life and Times of Cell Organelles  You will write a story that involves the functions of each of the 10 Organelles and include the diagrams or drawings within your story pages. | Definitions must be clear but if they do not fit the story line, write them in parentheses after or before that story line | Use complete sentences to dramatically, humorously, or horrifically explain the function of each organelle. | Tie these story lines together into one booklet stapled as a short story book with pages. |

**List of Organelles**:

Cell Membrane, Cytoplasm, Nucleus and Nuclear Membrane, Vacuole, Lysosome,

Golgi Complex and Vesicle, Ribosomes,



Chromosomes (DNA), E.R.(Endoplasmic Reticulum), Mitochondrion and if completing a plant cell please add Chloroplasts and Cell Wall.