**Cell Project: Due Friday Febuary 26th**

**Option 1: Write an International children’s book**

Write a CHILDREN’S book about cell parts and their functions. It should be interesting and EASY TO UNDERSTAND. This is a story, not just stating the facts. It should be illustrated with appropriate illustrations that describe what is happening on each page of the story. Your story must be set in another country and should include landmarks that let us know what country it is.

 You can choose to do either the animal cell or the plant cell. The following organelles must be included:

* Cell Membrane
* Nucleus
* Ribosomes
* Golgi Body
* Endoplasmic Reticulum
* Vacuole
* Mitochondria
* Lysosomes (animal only)
* Chloroplasts (plant only)
* Cell Wall (plant only)

**Option 2: Create an International Paper Slide Video**

Create a paper slide video about cell parts and their functions. It should be interesting and EASY TO UNDERSTAND. This is a story, not just stating the facts. It should be illustrated with appropriate illustrations that describe what is happening on each slide of the story. Your story must be set in another country and should include landmarks that let us know what country it is. You can choose to do either the animal cell or the plant cell. The following organelles must be included:

* Cell Membrane
* Nucleus
* Ribosomes
* Golgi Body
* Endoplasmic Reticulum
* Vacuole
* Mitochondria
* Lysosomes (animal only)
* Chloroplasts (plant only)
* Cell Wall (plant only)

**Option 3: Using your own materials create a model of the cell.**

 The model should be Large all the organelles must be presented and the materials used must not be perishable. (You must find your own materials if you choose this option). You must also make a poster that explains what each organelle does and write an analogy for each part of the cell. Must be able to explain why your analogy makes sense.



**Grading:** See attached rubric

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Cell Project Rubric**

1 point each

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Organelle | Used in story/video/Analogy | Function explained correctly | For models Analogy | For ModelsPhysical representation |
| Cell Membrane |  |  |  |  |
| Nucleus |  |  |  |  |
| Ribosomes |  |  |  |  |
| Golgi Body |  |  |  |  |
| ER |  |  |  |  |
| Vacuole |  |  |  |  |
| Mitochondria |  |  |  |  |
| Lysosomes (animal) |  |  |  |  |
| Chloroplasts/Cell Wall (plant) |  |  |  |  |

**Paper Slide Video:**

Appropriate Illustrations 6 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Tells a story, doesn’t just list the organelles 4 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Neatness 2 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Smooth transitions between slides 2 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Performance – Video (loud, clear) 6 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Easy to understand 4 points \_\_\_\_\_\_\_\_\_\_\_\_\_

**Children’s book/ Model :**

Appropriate Illustrations 6 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Tells a story, doesn’t just list the organelles 4 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Neatness 2 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Spelling/Grammar 2 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Performance (loud, clear) 6 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Easy to understand 4 points \_\_\_\_\_\_\_\_\_\_\_\_\_

Final Grade: \_\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_\_