

Cells Project

Due: Friday, March 4, 2016

Option 1: Write a children's book

Write a CHILDREN'S book (*for a child 5-7 years old*) 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. 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)

Optional Organelles: 1 pt. extra credit each

- Nucleolus
- Nuclear Envelope
- Chromatin
- Cytoskeleton

Option 2: Create a Paper Slide Video

Create a paper slide video about cell parts and their functions. It should be interesting and EASY TO UNDERSTAND for an audience that is between the ages 5-7. 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. 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)

Optional Organelles: 1 pt. extra credit each

- Nucleolus
- Nuclear Envelope
- Chromatin
- Cytoskeleton

Grading: See attached rubric

Name: _____

Cell Project Rubric

Organelle (18 points)	Used in story/video	Function explained correctly
Cell Membrane		
Nucleus		
Ribosomes		
Golgi Body		
Endoplasmic Reticulum (ER)		
Vacuole		
Mitochondria		
Lysosomes (animal)		
Chloroplasts/Cell Wall (plant)		
Optional Organelles (extra credit - 1pt each)		
Nucleolus		
Nuclear Envelope		
Chromatin		
Cytoskeleton		

Paper Slide Video Option:

- Appropriate Illustrations 6 points _____
- Tells a story, doesn't just list the organelles 6 points _____
- Neatness/Creativity 4 points _____
- Smooth transitions between slides 4 points _____
- Performance – Video (loud, clear) 6 points _____
- Easy to understand 6 points _____

Children's book Option:

- Appropriate Illustrations 6 points _____
- Tells a story, doesn't just list the organelles 6 points _____
- Neatness/creativity 4 points _____
- Spelling/Grammar 4 points _____
- Performance (loud, clear) 6 points _____
- Easy to understand *(for a child 5-7 years old)* 6 points _____

Final Grade: _____/50