

Children's Picture Book

Grading Rubric

For your children's picture book, include all the organelles listed below to receive full credit. The organelle function, cell type (plant or animal), along with a picture must be included in the book. Pictures can be hand drawn or printed. Your work should be of **high quality**—this means the book needs to be colorful and pay attention to your **spelling and grammar**.

_____ (5 pts) **Title page with title, name, and picture**

_____ (5 pts) **Overview/Summary of Plant & Animal Cells**

- Plant cell overview (2 pts)
- Animal cell overview (2 pts)
- picture (1 pt)

_____ (5 pts) **Plasma Membrane or Cell Membrane**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Mitochondria**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Lysosome**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Cytoplasm**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Nucleus**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Vacuole**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Smooth Endoplasmic Reticulum (Smooth ER)**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Rough Endoplasmic Reticulum (Rough ER)**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Chloroplast**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Ribosome**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Golgi Apparatus**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) **Cell Wall**

- Function (2 pts)
- type of cell (2 pts) Plant, animal, or both?
- picture (1 pt)

_____ (5 pts) Colorful

_____ (10 pts) Excellence (creativity, attention to detail)

_____ (10 pts) Technical Details (neatness and format)

_____ (5 pts) Spelling and Grammar

Total _____/100 points.

Grade _____

3D Cell Model/Edible Model

Grading Rubric

Choose either a plant or an animal and construct a 3D model. Include in your model a **minimum of 11 organelles**. These organelles should be located in an appropriate location and should be labeled. **Include a list of the organelles along with the correct function/definition of that organelle. Make sure to list the organelles below that is on your project!!**

_____ (5 pts) **Organelle # 1** _____

- Function (2 pts): Include on list of organelles
- Visual (2 pts): Include on actual model
- Location (1 pt): Include on actual model

_____ (5 pts) **Organelle # 2** _____

- Function (2 pts)
- Visual (2 pts)
- Location (1 pt)

_____ (5 pts) **Organelle # 3** _____

- Function (2 pts)
- Visual (2 pts)
- Location (1 pt)

_____ (5 pts) **Organelle # 4** _____

- Function (2 pts)
- Visual (2 pts)
- Location (1 pt)

_____ (5 pts) **Organelle # 5** _____

- Function (2 pts)
- Visual (2 pts)
- Location (1 pt)

_____ (5 pts) **Organelle # 6** _____

- Function (2 pts)
- Visual (2 pts)
- Location (1 pt)

_____ (5 pts) **Organelle # 7** _____

- Function (2 pts)
- Visual (2 pts)
- Location (1 pt)

_____ (5 pts) **Organelle # 8** _____

- Function (2 pts)
- Visual (2 pts)
- Location (1 pt)

_____ (5 pts) **Organelle # 9** _____

- Function (2 pts)
- Visual (2 pts)
- Location (1 pt)

_____ (5 pts) **Organelle # 10** _____

- Function (2 pts)
- Visual (2 pts)
- Location (1 pt)

_____ (5 pts) **Organelle # 11** _____

- Function (2 pts)
- Visual (2 pts)
- Location (1 pt)

_____ (5 pts) Excellence (creativity; thoughtful work)

_____ (10 pts) Accurate Organelles for your Cell Type (Plant or Animal)

_____ (5 pts) Technical Details (format, neatness; easy to read)

_____ (5 pts) Appearance: Does it look like a cell?

_____ (20 pts) **List of organelles included!**

Total _____/100

Grade _____