Cell Organelles (pg 21)

DATE

**Content Purpose:**

Identify the structure and functions of organelles in a plant and animal cell.

**Language Purpose:**

Use scientific vocabulary when describing the parts of the cell theory (ex. Cell wall, organelle, lysosome, nucleus)

[**http://youtu.be/9exRxOozxtI**](http://youtu.be/9exRxOozxtI) **eukaryotic/animal/plant cell**

[**http://youtu.be/mtDm2OKIK1k**](http://youtu.be/mtDm2OKIK1k) **- plasma membrane**

[**http://youtu.be/55gFY7YfUHM**](http://youtu.be/55gFY7YfUHM) **- nucleus**

[**http://youtu.be/764CnMID98Y**](http://youtu.be/764CnMID98Y) **- ER**

[**http://youtu.be/vOrmMMw5O2M**](http://youtu.be/vOrmMMw5O2M) **- golgi apparatus**

[**http://youtu.be/GhiZml3fQIU**](http://youtu.be/GhiZml3fQIU) **- lysosome**

[**http://youtu.be/tdGjorwuEDw**](http://youtu.be/tdGjorwuEDw) **- mitochondria**

[**http://youtu.be/YPJ0ABNsLuw**](http://youtu.be/YPJ0ABNsLuw) **- cytoskeleton**

[**http://youtu.be/WRO-DPyB9Bk**](http://youtu.be/WRO-DPyB9Bk) **- pro/eu karyotic**

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Organelle Project:

Chose an activity or community you enjoy and associate the various “jobs” in that activity or community to cell organelles. Tell how the organelle relates to the part of the activity or community.

(See Rubric)

Example: Organelles vs. School

Nucleus Office/Principal

Give direction and orders to rest of cell/school.

Lysosomes Custodian

Help breakdown and recycle waste material

Cell Membrane Security

Cytoplasm Hallways

Mitochondria Cafeteria

Endoplasmic Reticulum (ER) Hall Monitor

Golgi Bodies Mail Room

Vacuoles Locker

Ribosomes Teacher