



#7. Comparing Plant and Animal Cells

Class: _____

Type Instruction: Whole Class

Learning Objective(s): Students understand the differences and similarities between plant and animal cells.

Length of time: 10 Minutes

Ignite! Movies:

- Plant Cells vs Animal Cells
- Comparing Plant and Animal Cells

Teacher Instructions: Play Ignite! movies with students and complete the following activity.

Part One: Students draw and label both a plant and animal cell.

Part Two: Venn Diagram is an activity in which partners create a Venn diagram comparing and contrasting plant and animal cells.

Target Vocabulary/Key Terms:

- *eukaryotic cell*
- *plastid*
- *skeleton*
- *vesicle*

Notes:



Name: _____



Plant Cell and Animal Cell Diagram

Directions: Draw a plant cell and an animal cell. Draw and label their organelles. Circle the organelles they have in common. Be sure to include the following organelles:

- Cell membrane
- Cell wall
- Chloroplast
- Cytoplasm
- Cytoskeleton
- Endoplasmic reticulum
- Golgi apparatus
- Lysosome
- Mitochondrion
- Nuclear Envelope
- Nuclear Pore
- Nucleolus
- Nucleus
- Plastid
- Ribosome
- Vacuole
- Vesicle

Venn Diagram

Directions: With a partner, create a Venn diagram comparing and contrasting plant and animal cells and present it to the class.

- What functions do they have?
- What organelles do they have in common?
- What organelles are unique to each?
- Are they eukaryotic or prokaryotic?

Venn Diagram

