

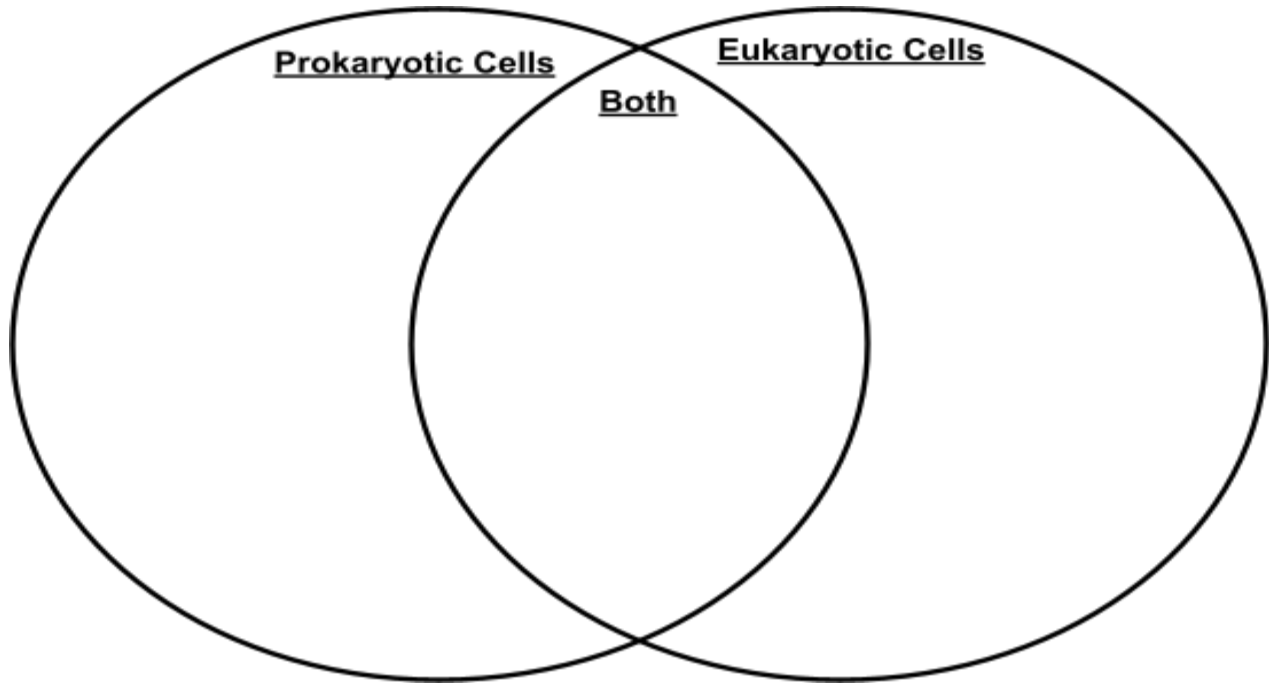
Name: _____

Date: _____

Exploring Types of Cells

Video Station

Directions: Complete the Venn Diagram as you watch the video, "Prokaryotic Cells Vs. Eukaryotic Cells". Then, answer the question below.



*While looking at a cell underneath a microscope, what are two ways you could determine if the cell you are looking at is a **Eukaryotic Cell**? Explain.*

Rubric:

Outcome Target	Not Yet	Meets Standards	Exceeds Standards
Determine which details/evidence supports a scientific concept		___ Determine appropriate evidence from a scientific resource that vaguely supports or connects to a scientific concept	___ Determine appropriate evidence from a scientific resource that clearly supports and connects to a scientific concept
Purposefully utilizes time and learning space		___ Coming to class prepared (organization/on time) ___ Using classroom resources purposefully ___ Preparing for absences ___ Observed work sessions demonstrate an attempt to engage in assignment	___ Consistently coming to class prepared (organization/on time) ___ Using classroom resources purposefully ___ Preparing for absences ___ Observed work sessions demonstrate a diligence and perseverance within assignment

Microscope Station

Directions: Choose 2 microscope slides to view underneath the microscope, and complete the graphic organizer below.

<u>Name of Specimen</u>	<u>Unique Features of the Specimen</u> (Size, Shape, Color, Things You See, Structures, Proximity of Cells, etc.)	<u>Drawing or Sketch of What You See</u>	<u>Is this a Plant Cell or Animal Cell?</u> (Answer AFTER Online Simulation Station)

Online Simulation Station

*Directions: Click on the Plant Cell and Animal Cell Simulation. Use the resource to determine if the following organelles are located in **Plant** Cells or **Animal** Cells. Place a checkmark in the appropriate column.*

Organelle	Plant cell	Animal Cell	Function in the Cell
Nucleus			
Mitochondria			
Vacuole			
Endoplasmic Reticulum			
Lysosome			
Chloroplast			
Cell Wall			