

Name _____
Date _____

Plant, Animal and Bacteria Cell Models Comparing Prokaryotic and Eukaryotic Cells

Use with the following website:

<http://www.cellsalive.com/cells/3dcell.htm>

1. Cells can be divided into 2 types, what are they?
 - a.
 - b.
2. What is the division of type based on?

View the animations and information regarding prokaryotic and eukaryotic cells.
Fill in the following information in the chart.

Characteristic	Prokaryotic Cell	Eukaryotic Cell	
		Plant Cell	Animal Cell
True Nucleus (present, not present)			
Size of Cell (large vs. small)			
Describe the complexity of Cell (simple, complex)			
Membrane bound organelles (present, not present)			
Cell wall (present, not present)			
Ribosomes (present, not present)			
Flagella (appendages for movement)(present, not present)			
Chloroplasts (present, not present)			
Vacuole (present, not present, compare size if present)			

After exploring the Cells alive site, click on the tab on the left side that says quizzes.
Take the online quiz on Cell Biology. Record your score here when complete

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