

Cells Interactive Notes:

Name

Period

Central Science--> Life--> Cells--> Cells Interactive

http://www.wiley.com/legacy/college/boyer/0470003790/animations/cell_structure/cell_structure.htm

Prokaryotic Cell: (no nucleus)

Example: Bacteria Cell

Pro- (before or without)

-karyote (kernel, center or nucleus)

Eukaryotic Cell: (has nucleus)

Examples: Plant Cell

Animal Cell

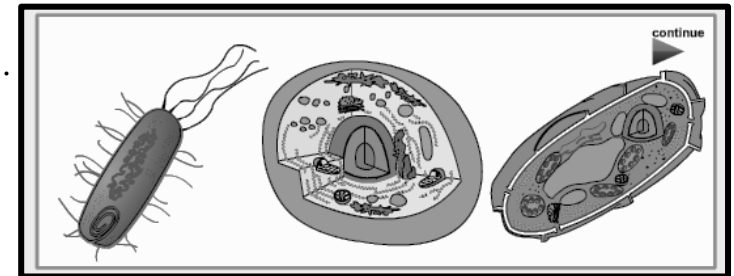
Eu- (new or with)

-karyote (kernel, center or nucleus)

1) Use *Cells Interactive* to determine cell parts for each type of cell.

2) Write YES or NO in each box to complete 3 rows of the chart below.

3) Add a short Function in the 4th row for each. Use the list below.



Cell Parts→		Nucleus	Cell Wall	Cell Membrane Or Mesosome	Ribosomes	Flagella	Chloroplast	Cytoplasm	Mito-chondria	Golgi Bodies	Endo-plasmic Reticulum
Prokaryote	Bacteria						Sometimes				
Eukaryote	Plants										
	Animals										
Short Function→											

Functions to complete the above chart: Use words.

1) Protects + Gives Shape

2) Directs + Has DNA

3) Transports materials

4) Skin: Entry & Exit of Materials

5) Traps Light Energy

6) Is Genetic Information

7) Movement of Cell

8) Gel or Liquid of Cell

9) Protein Synthesis (makes)

10) Waste Removal