









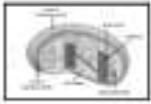






Eukaryotic Cells

Name: _____

Cell Component	Details	Present in:				Visible in light microscope?
		Plant	Animal	Fungi	Protist	
1 	<i>Name:</i> Plasma (cell) membrane <i>Function:</i> Gives the cells shape and regulates the movement of substances into and out of the cell.	X	X	X	X	Yes (but not at the level of detail shown in the diagram)
2 	<i>Name:</i> Mitochondria <i>Function:</i>					
3 	<i>Name:</i> Ribosome <i>Function:</i>					
4 	<i>Name:</i> Rough Endoplasmic Reticulum <i>Function:</i>					
5 	<i>Name:</i> Smooth Endoplasmic Reticulum <i>Function:</i>					
6 	<i>Name:</i> Golgi <i>Function:</i>					
7 	<i>Name:</i> Vesicle <i>Function:</i>					

Cell Component	Details	Present in:				Visible in light microscope?
		Plant	Animal	Fungi	Protist	
8 	Name: Nucleus Function:					
9 	Name: Vacuole Function:					
10 	Name: Plastid Function:					
11 	Name: Chloroplast Function:					
12 	Name: Cytoskeleton Function:					
13 	Name: Cilia and flagella Function:		X		X	
14 	Name: Cell Wall Function:					
15 	Name: Extracellular matrix Function:					

