



Name: _____
 Date: _____
 Period: _____

Cell Organelles Practice Worksheet

Complete the following table by writing the name of the cell part or organelle in the right hand column that matches the structure/function in the left hand column. A cell part may be used more than once.

DRAW AND COLOR

Structure/Function	Cell Part	
Stores material within the cell		
Closely stacked, flattened sacs (plants only)		
The sites of protein synthesis		
Transports materials within the cell		
The region inside the cell except for the nucleus		
Organelle that manages or controls all the cell functions in a eukaryotic cell		
Contains chlorophyll, a green pigment that traps energy from sunlight and gives plants their green color		
Digests excess or worn-out cell parts, food particles and invading viruses or bacteria		
Small bumps located on portions of the endoplasmic reticulum		
Provides temporary storage of food, enzymes and waste products		
Firm, protective structure that gives the cell its shape in plants, fungi, most bacteria and some protists		
Produces a usable form of energy for the cell		
Packages proteins for transport out of the cell		
Everything inside the cell including the nucleus		

Site where ribosomes are made		
The membrane surrounding the cell		
Provides support for the cell, has two “subparts”		
Name for the collection of DNA in the nucleus of eukaryotic cells		
Consist of hollow tubes which provide support for the cell		
Small hair-like structures used for movement or sensing things		
Composed of a phospholipid bilayer		
Longer whip-like structures used for movement		

Put a check in the appropriate column(s) to indicate whether the following organelles are found in plant cells, animal cells or both.

Organelle	Plant Cells	Animal Cells
Cell Wall		
Vesicle		
Chloroplast		
Chromatin		
Cytoplasm		
Cytoskeleton		
Endoplasmic reticulum		
Golgi apparatus		
Lysosome		

Organelle	Plant Cells	Animal Cells
Mitochondria		
Nucleolus		
Nucleus		
Plasma membrane		
Central vacuole		
Ribosome		
Vacuole		