

Cells & Organelles

Name _____

Directions: Match the function cards and memory items by gluing them into the correct locations in the chart below.

Organelle	Function/Description	How can I remember it?
Cell Membrane		
Cell Wall		
Cytoplasm		
Mitochondria		
Lysosomes		
Vacuoles		

Chloroplasts		
Endoplasmic Reticulum		
Ribosomes		
Nucleus		

Function Cards

Captures energy from the sunlight and uses it to produce food in a plant cells

Controls what comes into and out of a cell; found in plant and animal cells

Gel-like fluid where the organelles are found

Control center of the cell; contains DNA

Ridged outer layer of a plant cell

Uses chemicals to break down food and worn out cell parts

Produces the energy a cell needs to carry out its functions

Assembles amino acids to create proteins

Stores food, water, wastes, and other materials

Has passageways that carry proteins and other materials from one part of the cell to another

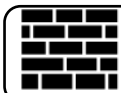
Memory Items



Make me something sweet to eat



Members only can come and go.



I'm a brick wall.



I'm a transportER.



I am a "mighty" power house.



I clean things up! (Hint: Lysol)



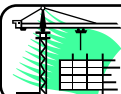
I'll store anything, (Hint: Vacuum Bags)



I'm the control center.



Sail through my plasma.










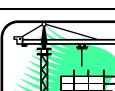





I make "some" nice proteins.

Cells & Organelles

ANSWER KEY

Directions: Match the function cards and memory items by gluing them into the correct locations in the chart below.

Organelle	Function/Description	How can I remember it?
Cell Membrane	Controls what comes into and out of a cell; found in plant and animal cells	 Members only can come and go.
Cell Wall	Ridged outer layer of a plant cell	 I'm a brick wall.
Cytoplasm	Gel-like fluid where the organelles are found	 Sail through my plasma.
Mitochondria	Produces the energy a cell needs to carry out its functions	 I am a "mighty" power house.
Lysosomes	Uses chemicals to break down food and worn out cell parts	 I clean things up! (Hint: Lysol)
Vacuoles	Stores food, water, wastes, and other materials	 I'll store anything, (Hint: Vacuum Bags)
Golgi Bodies	Receives proteins & materials from the ER, packages them, & distributes them	 I'm a "GOLden" packer.
Chloroplasts	Captures energy from the sunlight and uses it to produce food in a plant cells	 Make me something sweet to eat
Endoplasmic Reticulum	Has passageways that carry proteins and other materials from one part of the cell to another	 I'm a transportER.
Ribosomes	Assembles amino acids to create proteins	 I make "some" nice proteins.
Nucleus	Contains DNA, which controls the functions of the cell and production of proteins	 I'm the control center.
Nucleolus	Found inside the nucleus and produces ribosomes	 I'm in "control" of the number of "ribos".
Chromatin	Tiny strands inside the nucleus that contain the instructions for directing the cell's functions	 I'm a "tin" of information.