Teacher Read-Aloud Cell Organelle Super Bingo



Read the following descriptions aloud to your class in any order. Students must match your description to the organelle name on their Bingo Sheet.

Cell Wall		—A tough, flexible, rigid structural layer surrounding cells.
Nuclear Membrane		—A lipid membrane that makes the nucleus of a cell. It controls movement of substances into and out of the nucleus. It is connected to the endoplasmic membrane.
Nucleus		— Controls cell function. Holds and maintains the cells genetic information, or DNA.
Cell Membrane		—A selectively permeable layer that controls movement of substances into and out of the cell.
Ribosome		— Specialized builders of proteins. They make all sorts of proteins and each does a specific thing to help cells function.
Cytoplasm		— A clear gel-like substance that fills cells. It surrounds the organelles.
Rough Endoplasmic Network		The main site for making proteins in a cell. It is covered in ribosomes which give it a rough appearance. The ribosomes are the sites for making proteins.
Smooth Endoplasmic Network		—The main site for making lipids in a cell. Appears smooth because it is not covered with ribosomes.
Golgi		—Puts sugars on proteins made by the endoplasmic network before they can by used by cells. It absorbs protein filled vesicles, changes them slightly, then sends finished protiens in new vesicles to where they are needed!
Mitochondria		They are like the digestive system for the cell. They take in nutrients, break them down, and create energy rich molecules for the cell.
Transport Vesicle		— A protective bubble for storing or transporting liquids within animal cells. They are made of a thin lipid bubble layer surrounding an important liquid like a protein.
Centriole	-	— Makes little strings called microtubules that organize the position of cell parts. Is responsible for making the mitotic spindle that holds chromosomes in a web during cell division.
Lysosome		— It is the waste disposal system for a cell. It keeps cells clean by digesting unwanted materials and old cell organelles.

Teacher Read-Aloud Cell Organelle Super Bingo



Read the following descriptions aloud to your class in any order. Students must match your description to the organelle name on their Bingo Sheet.

Prokaryotic Cel	Cells that do not have a nucleus or membrane bound organelles.		
Eukaryotic Cel	—Complex cells with a nucleus and organelles in compartments.		
Chloroplast	It conducts photosynthesis to capture energy from sunlight. It stores the energy it makes as chemical energy in a cell.		
Vacuole	An organelle used for storage of water and nutrients in a plant cell. It is the largest organelle in plant cells and it is also used for pumping the cell up so it is not floppy.		
Chromosome	An organized structure in the nucleus of a cell containing an organisms DNA. DNA contains the genetic instructions for growth, development, function and reproduction.		
Lipids –	The scientific word for fats and oils. It is what cell membranes and nuclear membranes are made of.		
Protiens —	The scientific word for molecules that are usefull to cells. They include enzymes that cause the chemical reactions of metabolism, hormones that are used for cell signaling, DNA used to record genetic code, antibodies that make our immune system so we don't get sick, and structural molecules used to make tendons, muscles, feathers, and hair.		
Bacteria —	A simple organism that consists of a cell wall, cell membrane, cytoplasm, and protiens. They have no organelles. It was the first life form on earth and is the most abundant life form today. We estimate that there are typically fifty thousand of these little guys in a single drop of water! They are ususlly about one tenth the size of animal cells		
Virus —	A small infectious agent that replicates it's genetic material inside other cells. It consists of genetic material in a coat of protien. Because they destroy cells to replicate their DNA they cause sickness and disease. Some people call them life forms, but they are just particles that replicate. They are certainly on the edge of life, and may be first step in evolution leading to the possibility of life. they are typically 1/100 the size of a cell.		
Organelles	— Cell structures in the cytoplasm that do special jobs.		
Organs	——— A collection of tissues that cary out special functions in the body		
Tissues	— A collection of cells that are similar to eachother and are positioned next to eachother.		
Chlorophyll	—— A green pigment found inside chloroplasts.		
Cells	—— The smallest unit of life		



Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Transport Vesicle

Chromosome

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Nucleus

Eukaryotic



Nuclear

Membrane

Cell Organelle Super Square Bingo

Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Nucleus

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Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Ribosome

Rough

Endoplasmic

Network

Chromosome

Prokaryotic



Vacuole

Cell Organelle super square Bingo

Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Endoplasmic

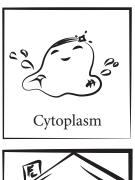
Network

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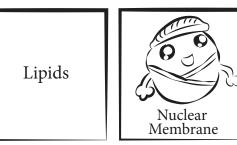
Lysosome

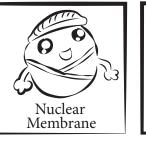


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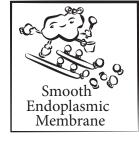




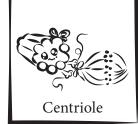


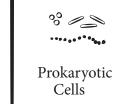
Bacteria









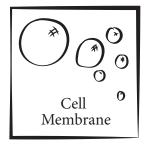


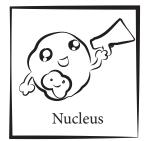








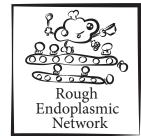










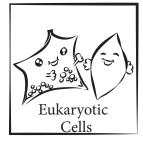


Organs





Chlorophyll





Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Transport Vesicle

Lysosome

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Nucleus

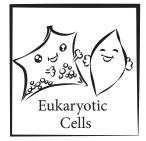


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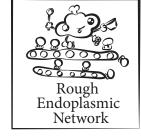
Bacteria

Lipids



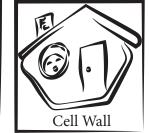


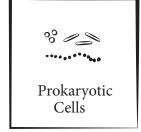




Protiens

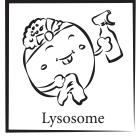






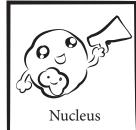


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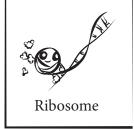


Organelles



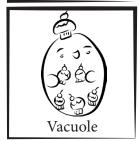


Organs



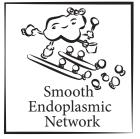


Cells



Cell Membrane

Chlorophyll





Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Cells

Endoplasmic

Network



Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Lysosome

Cells

Network



Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Golgi

Endoplasmic

Network

Transport Vesicle



Endoplasmic

Network

Cell Organelle Super Square Bingo

Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Mitochondria

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Cell Wall

Centriole



Eukaryotic

Cells

Cell Organelle super square Bingo

Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Network

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Cell Wall



listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Lysosome

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Lysosome

Cell Organelle Super Square Bingo



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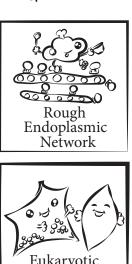


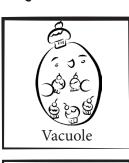


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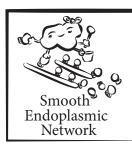


Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!









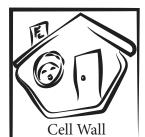
Bacteria

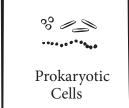


Tissues

Protiens



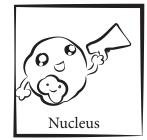


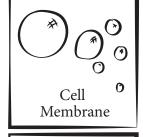


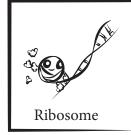


FREE

Organelles







Chlorophyll





Cells



Centriole

Lipids

Golgi



Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Cell Wall

Lysosome



Eukaryotic

Cells

Cell Organelle Super Square Bingo

Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!

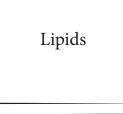


Golgi

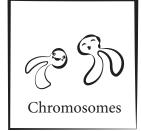
Mitochondria

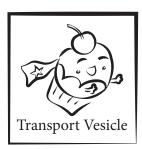


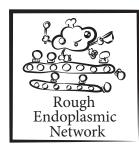
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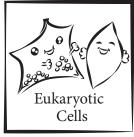


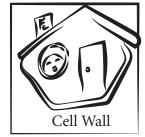




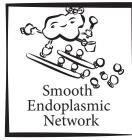


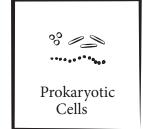


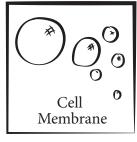


















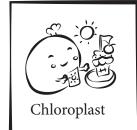






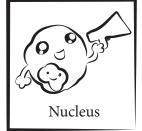


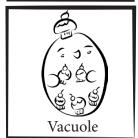












Chlorophyll



Nucleus

Cell Organelle Super Square Bingo

Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Ribosome

Transport Vesicle



Endoplasmic

Network

Cell Organelle Super Square Bingo

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Nuclear

Membrane

Lysosome





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Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Cells

Vacuole

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Lysosome



Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Mitochondria

Cytoplasm

Cells

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Vacuole



Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Smooth Endoplasmic

Network

Chloroplast

Lysosome



Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Mitochondria

Cytoplasm

Golgi



Chloroplast

Cell Organelle Super Square Bingo

Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Prokaryotic

Cells

Cell

Membrane



Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Centriole

Cell Wall

Golgi



Mitochondria

Cell Organelle Super Square Bingo

Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Cell Wall

Prokaryotic Cells





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Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!



Mitochondria

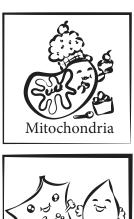
Prokaryotic

Cells

Chloroplast



Listen / Think / Match: Listen to your teacher's description of a cell organelle, then think of which organelle does the job described and match a bingo chip to the right organelle's square. Get four in a row and BINGO! You got it!

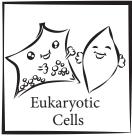


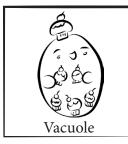
Lipids



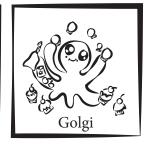
Cell Membrane

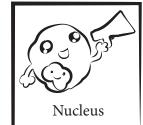
Tissues

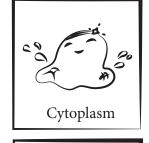




Bacteria

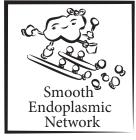






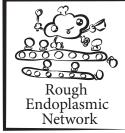
Organs

FREE

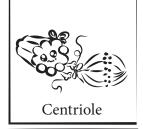


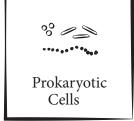












Chlorophyll





Organelles

