Cell City 101 video notes

In today's video we will be covering organelle _____, organelle _____, and cell _____

Mr. Nucleus controls organelles that build _____; store, clean up, and _____; convert, make, and _____; and _____ the cell

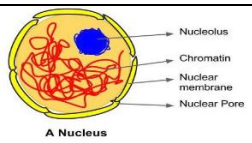
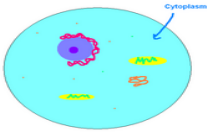
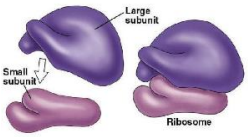
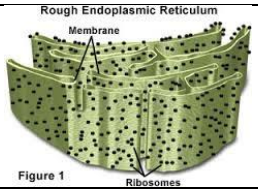
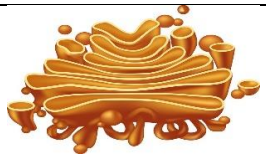
Organelles that build proteins include: _____, Rough endoplasmic reticulum, Golgi _____ _____ and Vesicles.

Organelles that store, clean up, and support include: Vacuoles, _____, Lysosomes, _____ _____, and _____

Organelles that convert, make and release energy include: _____ & _____

Organelles that protect the cell include: _____ & _____

- ***Write the function of and cell city description for each organelle in the chart below.*** -

Cell organelle	*Organelle Function*	*Cell city function*	*Organelle structure*
Nucleus			
Cytoplasm			
Organelles that Build Proteins			
Ribosome			
Rough endoplasmic reticulum (RER)			
Smooth endoplasmic reticulum (SER)			
Golgi Apparatus			

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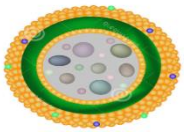
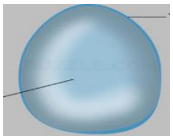
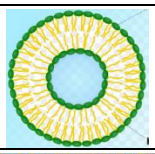
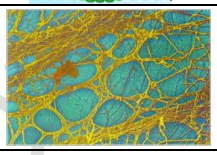
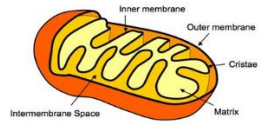
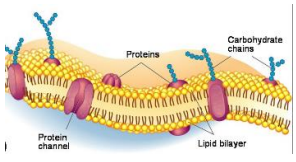
Organelles that store, clean up, and support			
Lysosome			
Vacuoles			
Vesicles			
Cytoskeleton			
Centrioles			
Organelles that capture and release energy			
Mitochondria			
Organelles that protect the cell			
Cell membrane			

Check for Understanding:

1. What would happen if ribosomes were malfunctioning? _____

_____

2. What would happen if vesicles were malfunctioning? _____

_____

3. What would happen if vacuoles were malfunctioning? _____

_____

4. What would happen if lysosomes were malfunctioning? _____

_____

5. What would happen if the endoplasmic reticulums were malfunctioning? _____

_____

6. How would you save cell city? _____

_____

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