

Cell Diagram & Model Activity

By

Use these websites to help you review the item and purpose of the different parts of a cell.

http://www.biologyjunction.com/cell_functions.htm

http://www.4to40.com/science/index.asp?p=Parts_of_a_Cell (use Reader feature)

<http://askabiologist.asu.edu/content/cell-parts>

Use the information there to draw & label a cell with the following items:

Cell Membrane

Cytoplasm

Nucleus

Nuclear membrane

Chromosomes

Mitochondria

ER (Endoplasmic Reticulum)

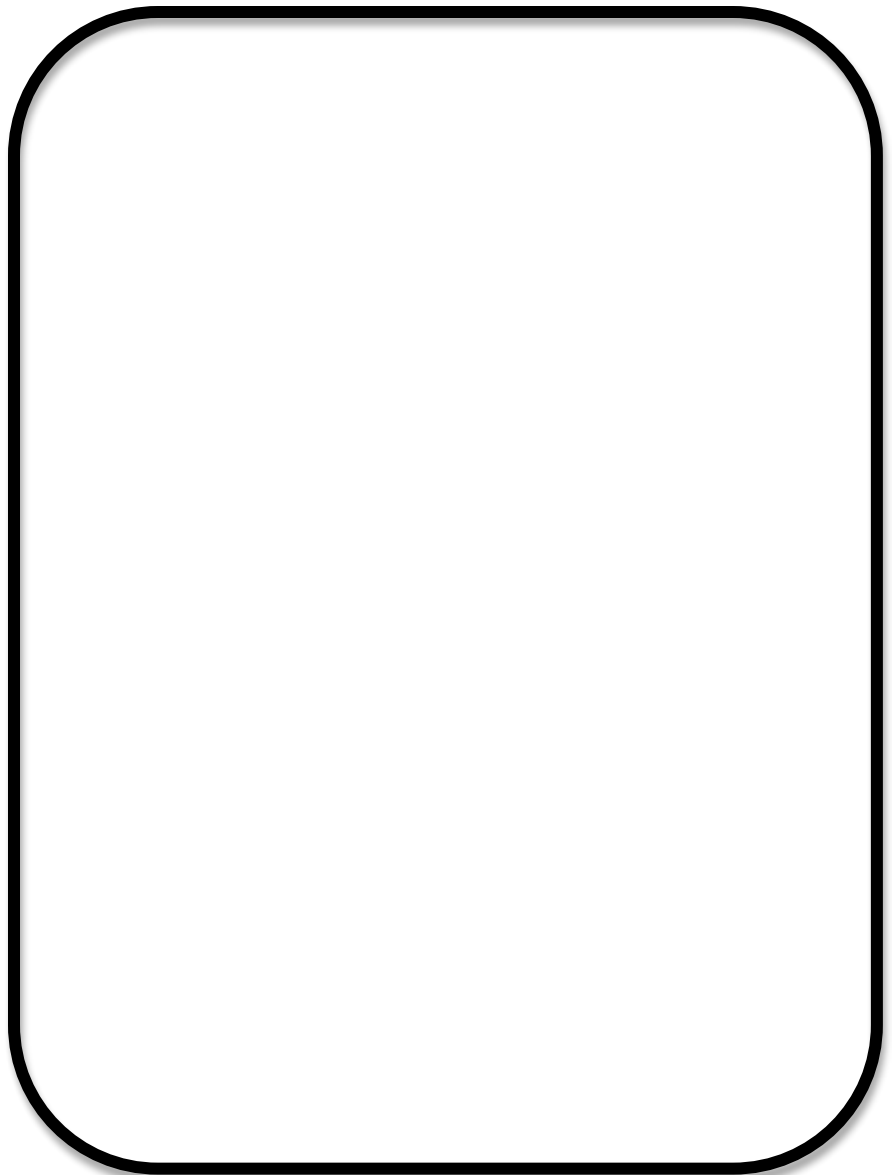
Ribosome

Vacuole

Golgi Body

Particle

Lysosome



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Now look at the items in your bucket with your partner.

(Possible items include: Sandwich bag, ½ snack baggie, curled ribbon, pinto beans, Styrofoam packing peanuts, broken linguini noodles, bow tie pasta, sprinkles, strips of laminating plastic or cellophane, jelly beans...)

Decide which item best represents each part above. Use the items to assemble a cell model. Be sure to discuss with your partner why each item best represents that part.

Take a picture of your model and use Notability pen and text tools to label each in the space below.

As time allows record a reason for each choice in the table below.

Cell Part	Item Chosen	Why it represents the part
Cell Membrane		
Cytoplasm		
Nucleus		
Nuclear membrane		
Chromosomes		
Mitochondria		
ER (Endoplasmic Reticulum)		
Ribosome		
Vacuole		
Golgi Body		
Particle		
Lysosome		

