

Science 6
Mrs. Clarke
3-D Model Cell

Date Assigned: Tuesday, August 28, 2012
Date Due: Wednesday, September 5, 2012
Project Points Possible: 100 points

We have been studying the parts of the cell in Science. Here is your chance to show what you know about the cell, its structures, and their functions! Please refer to pages A8 and A9 in your book, as well as the rubric to help guide your work.

First, decide if you are going to model a plant or animal cell. Then, look around your house for craft supplies and/or odds and ends that can be used to create your 3-D Cell Model. Be creative, have fun and most of all - show what you know!

Please be sure to include all of the following information with your model. Refer to the rubric on the back of this sheet for further details.

- ___ Title: Plant or Animal Cell
- ___ Heading Index Card: a 5x7 or 3x5 index card that includes a full heading.
- ___ Labeling: Label the model with all the parts of the cell.
- ___ Structures and Functions Key: create a "key" that indicates the cell parts and their functions. This key should be on cardstock or on a separate index card.
- ___ You must turn in this information sheet/Rubric with your project.
- ___ Plant Cell should include: nucleus, chromosomes, cell membrane, cell wall, cytoplasm, chloroplast, vacuoles, mitochondria, and nuclear membrane.
- ___ Animal Cell should include: nucleus, chromosomes, cell membrane, cytoplasm, vacuoles, mitochondria, and nuclear membrane.
- ___ Bonus Points: You may receive bonus points for included the following parts of the cell:
 - Plant and Animal Cell: endoplasmic reticulum, Golgi bodies, ribosomes
 - Animal Cell only: lysosomes

I am looking forward to your creative representations of the cell!

**You may bring a snack to share for our "*Cell-a-bration*"
on Wednesday, September 5, when you will present your
3-D Cell Models to your fellow classmates!**

