

CELL MODEL PROJECT-7TH GRADE

DUE: 3/10 OR 3/11

1. Your task is to create a model of a Eukaryotic Cell. The model must contain all of the organelles that work together to keep a multicellular organism alive.
2. All materials used for each of the 12 organelles/parts are your choice.
3. There are 12 organelles and/or parts you will need to represent in the model. In addition, TYPE the function and/or job for each of the 12 organelles/parts.
 - A. Lysosomes-2 functions
 - B. Cytoskeleton-2 functions & 2 jobs
 - C. Rough Endoplasmic Reticulum-2 functions
 - D. Vacuole-2 functions
 - E. Nucleus-2 functions
 - F. Mitochondrion-2 functions & function of ATP
 - G. Smooth Endoplasmic Reticulum-2 functions
 - H. Ribosomes- composed of 2 functions & 1 job
 - I. DNA (Deoxyribonucleic Acid)- 2 functions
 - J. Vesicle-2 functions
 - K. Golgi Complex- 2 functions
 - L. Cell Membrane- 2 functions
 - M. Cytoplasm- 4 functions
 - N. Endoplasmic Reticulum System- function of whole system including Smooth E.R. and Rough E.R. (NOT A PART!!!!!!)
3. Color code each of the parts/organelles
4. Create a Color Coded Key that accompanies your model for every organelle/part.

****PICTURED EXAMPLES OF A COMPLETE MODEL CAN BE SEEN IN THE CHAPTER ON PAGES- 10,13,15,17,19, OR THE INTERNET.*******