**3-D CELL MODEL**

**Model due Tuesday, September 16th**

* Construct a three-dimensional model of a cell (either plant or animal).
* All parts should be labeled correctly with the name of each part; be sure spelling is correct. Spell out endoplasmic reticulum. The labeling can either be in the form of a key or on the model itself.
* The function of each part should be labeled on a separate sheet of paper (use chart given in class). Be sure you understand the function you use. Do not copy from a source that you do not understand the words used.
* **The models should be labeled as either “Animal Cell” or “Plant Cell”**, and should include all appropriate cell parts. The labeling can either be in the form of a key or on the model itself.
* Required structures for an animal cell model include the following: nucleus, nucleolus, cytoplasm, cell membrane, endoplasmic reticulum, ribosomes, mitochondrion, lysosomes, Golgi complex, and DNA.
* Required structures for a plant cell model include:
  + Pick any 7 of the following cell parts: nucleus, nucleolus, cytoplasm, cell membrane, endoplasmic reticulum, ribosomes, mitochondria, lysosomes, Golgi complex, and DNA.
  + **Also, include** the cell wall, chloroplasts, and large vacuole
* You choose what you want to make the models from. Some ideas include the following: Clay, cloth, gelatin (I do not provide refrigeration), wood…the possibilities are endless. Please try to avoid using food products as they become gross before the Cell-a-brations and grading!
* Please read the rubric on back for expectations.
* On **Tuesday, September 16th** at the beginning of your class period. Plan ahead!!!