**3 – D CELL Extra Credit PROJECT Due\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Make a **3 dimensional** model of an animal cell that shows all of its organelles. You must include the **cell membrane, endoplasmic reticulum, mitochondria, lysosome, Golgi body, cytoplasm, ribosome and nucleus**. The organelles **MUST** be 3 dimensional and may not be painted or drawn onto your model.

You may choose a variety of materials to make your cell, but it must be **NO LESS THAN EIGHT INCHES IN DIAMETER.**  You may choose different materials that resemble each of the cell structures found in the cell you are modeling. Or, you can choose to make these cell structures out of a variety of materials. You may want to look on the internet for ideas.

**THESE MAY NOT BE EDIBLE,** **although you may use candy/food items to represent the organelles. (no cakes or pies etc.)**

As well as the model of the cell, you need to include a separate **KEY** that identifies each cell structure in your model and a description of the function of each organelle. Your key must be on **piece of paper** that is at least 8 ½ in X 11 in. Your key must have a sample of each organelle displayed as well.