**Cell Cake Class Party**

**YOUR NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DUE DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**YOUR TASK:** 3D models are a fun and easy way to learn about plant and animal cells. You are required to construct a model plant or animal cell. Remember to label the parts of your cell.



Decide whether you will create a plant or animal cell. Plant cells and animal cells are shaped differently and contain different organelles. Visit [cellsalive.com](https://www.cellsalive.com/). This site offers awesome animations of both plant and animal cells with descriptions of each organelle.



Next, you should decide whether you want to make an edible cell model or a non-edible cell model. Edible cell models can be eaten (yum!) and are often made with cake, candy, rice crispy treats or Jelly. Non-edible models cannot be eaten and are often made with craft supplies like Styrofoam, pipe cleaners or clay.







Now you need to make a list of all the parts, or organelles, you will need to include in your 3D cell model. Organelles are the “mini organs’ found inside every plant and animal cell. Each organelle has a different function and physical appearance, and together they work to keep the cell alive. Here’s a breakdown of the organelles found in each types of cell:





You will need to bring your models to class on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Prizes will be awarded to the best models produced. Any edible models can then be eaten.