**The Incredible Edible Cell (Due Friday 10/26)**

You will be required to construct a model of a plant OR animal cell. All models must be made out of edible materials. Avoid using materials that have an unpleasant odor or that may be considered offensive!

Each model must include all of the following organelles:

• Cell wall (if plant cell) • Ribosomes • Cell membrane

• Mitochondria • Nucleus • Vacuoles

• Cytoplasm • Lysosomes (if animal cell)

• Endoplasmic Reticulum • Chloroplasts (if plant cell)

• Golgi Bodies

**Grading**

Grades will be based on the following questions:

√ Is your name on the project?

√ Is the cell type identified? Tell if it is a plant or animal cell.

√ Is the model a 3-D representation of a plant or animal cell?

√ Are all the organelles included? (10 for plants cells, 9 for animal cells)

√ Are the organelles correctly labeled? Each organelle must be labeled with its name and function. You may label each organelle or use a key.

√ Are the relationships between the parts (if any) shown correctly? Are the ribosomes on the endoplasmic reticulum? Is the endoplasmic reticulum near the nucleus? If a plant cell, are the chloroplasts around the vacuole?

√ Are the materials acceptable?

√ Is the model under 30 centimeters on any side?

You may use the following materials, but they cannot count as part of the cell:

container, plastic wrap, paper, or toothpicks. Keep in mind that these projects will be eaten after they have been graded!