**Extra Credit Opportunity**

**The Incredible Edible Cell**

**You may construct a model of a plant OR animal cell. All**

**models must be made out of edible materials that will remain fresh at**

**Please avoid using materials that have an unpleasant odor**

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?

You may use the following materials, but they cannot count as part of the cell:Container, plastic wrap, paper, or toothpicks

**BONUS: You could be awarded with a bonus (10 extra credit points) if your project is selected to be the Most Accurate, Most Attractive, or Most Disgusting. Students will vote to decide the winner in each category.**

Example of label:

Mitochondria

Powerhouse of the Cell

PROJECT DUE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_