

Name _____
Life Science Project

Section _____

CELL MODEL PROJECT

The Incredible Edible Cell



Objective: To make an edible (can be eaten) model of the cell.

1. You may choose to model either a plant or animal cell.
2. Develop a plan for your cell model:
 - What parts of the cell do you need to include in your model?
 - What foods will you use for each part of your cell? (Watch shapes, color, detail)
3. Using the worksheets made available in class, label each part of the cell using the scientific term and in parentheses the food item you used.
 - Example: Cytoplasm (gummy worms)
 - OR include food item on function sheet (see #4)
 - Complete both sides of the worksheet
4. Complete a written explanation of the function of each part in your cell (do not cut and paste from an internet web site).
5. Be prepared to present your cell to the class who will guess whether you have created a plant or an animal cell.

You will bring the project to class on _____. If it needs to be refrigerated, place it in a cooler with some ice. Be prepared to hand in the labeled worksheet & written explanation of each organelle (parts 3 & 4 above). Then, as a class, **we will eat all cells!!**

MY CELL TYPE _____

PROJECT DUE DATE _____



Sample for GRADING: total of 65 points

- | | | |
|---|-----------|-------|
| A. Creativity and Originality: | 10 points | _____ |
| B. Attention to Detail: | 10 points | _____ |
| Following directions, organization, presentation, spelling | | |
| C. Accuracy: | 10 points | _____ |
| All items included, food item correlates to organelle | | |
| D. Effort: | 5 points | _____ |
| E. Neatness: | 5 points | _____ |
| F. Completed labeled worksheet: | 10 points | _____ |
| G. Completed explanation of organelle functions: | 10 points | _____ |
| H. Presentation: | 5 points | _____ |
| Clarity of voice, eye contact, explanation of organelles to food chosen | | |