Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Cell Project**

Purpose: The purpose of this project is to make a 3D model of a cell in order to better understand the parts and workings of a cell.

Using household items make a three-dimensional model of a plant or animal cell that meets the criteria listed below. (Sample items: cereal, balloons, gummi worms, mints, fruit slices, dried fruit, matches, gum balls, peanuts, rope licorice, jelly beans, sesame seeds, other candies, toothpicks. Craft packages also may work: clay, beads, pipe cleaners..etc)

Choose what type of cell you will build, a typical plant or animal cell. Include this label somewhere on your model.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cell Project Rubric | | | | |
| Category | Scoring Criteria | Excellent (5 pts) | Satisfactory (3 pts) | Minimal (1 pt) |
| Craftsmanship | Model is creative, shows effort |  |  |  |
|  | The model is 3 dimensional |  |  |  |
|  | Model stays together, not too messy or difficult to move around |  |  |  |
| Cell Parts | Key, legend, or labeling is easy to use to identify parts on the model |  |  |  |
|  | Functions of cell parts included (accurate) |  |  |  |
|  | Appropriate material is used so that it looks like the cell part it is modeling |  |  |  |
|  | Parts of organized within the cell in their appropriate places |  |  |  |
| Written Word | Basic grammar, spelling on key and any other writing used in model |  |  |  |

Create a KEY or label in some way each part on your model and its function.

Samples:

 

**Write a summary to go along with your model describing what kind of cell you made, the cell parts, and the organelle functions. This can be what you share with the class. *10 points!***