

## Cell Project

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

Using household items make a three-dimensional model of a specialized human 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...)

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

You will present your cell to the class explaining your material choices.

Cell Project Rubric		
Category	Scoring Criteria	Points Available
Craftsmanship	Model is creative, shows effort	10
	The model is 3 dimensional	10
	Model stays together, not too messy or difficult to move around	5
Cell Parts	Key, legend, or labeling is easy to use to identify parts on the model	5
	Functions of cell parts included and accurate	25
	Appropriate material is used so that it looks like the cell organelle/part it is modeling	10
	Appropriate number of organelles/parts in cell	5
	Parts are organized within the cell in their appropriate places	10
Written Word	Basic grammar, spelling - on key and any other writing used in model	10
Presentation	Includes type and function of cell	10
	Identifies organelles/parts labeled	10
	Explains material choices	10