

Date _____
Period _____

Name _____

EDIBLE CELL PROJECT



For this project, you are required to cook (or put a bunch of ingredients together to create something at least nearly edible). **Yes, you may purchase food instead of actually cooking it**, but you still have to be creative and add toppings or ingredients yourself. You must use ingredients that resemble each organelle listed below. The shape, size, and amount of each organelle inside of your edible cell must resemble that of a normal cell. Refer to some of the examples that I showed you in class (OR Google "edible cell" and look at images). Make sure that you have a key for your edible cell. You can either label the organelles on the cell itself (using toothpicks or other methods), or make a separate key. You will be presenting your project to the class, so be sure to know which organelles are which!

You must include all of the following structures on or within your cell:

Animal cell:

Cell membrane	Lysosome
Cytoplasm	Vacuole
Nucleus	Centrioles
Nucleolus	Mitochondria
DNA (chromosomes)	Ribosomes
Golgi body	ER (Endoplasmic Reticulum)
	-rough AND smooth

Plant cell:

Add the following:

Cell wall
Chloroplast
Central vacuole
(NO centrioles)

Due: Monday December 5, 2016