



The Cell Project

Name _____

Objective: Create a 3-dimensional model of a plant cell with a key that identifies and describes the function of the following organelles:

1. Cell wall
2. Cell membrane
3. Cytoplasm
4. Mitochondria
5. Vacuole
6. Nucleus
7. Chloroplasts

Your cell project is **due February 10th**, but you may turn it in sooner!

Material Guidelines:

- To hold your cell use boxes; plastic bags; clear plastic containers, Styrofoam balls (NO GLASS).
- Small items such as beads, pipe cleaners, straw, buttons, batteries, thread, ribbons, shoestrings, yarn.
- Materials such as sponges, clay, fabric, cardboard, newspaper.
- (NO LIQUIDS OR GELS that can make a leaky mess).
- Please do not purchase materials to make the model.
- Due to possible food allergies, please do not use food.
- Be creative and use what you have around the house or what natural resources you may find outside!

Rubric:

Identifies and describes the cell wall	/12
Identifies and describes the cell membrane	/12
Identifies and describes the cytoplasm	/12
Identifies and describes the mitochondria	/12
Identifies and describes the vacuole	/12
Identifies and describes the nucleus	/12
Identifies and describes the chloroplast	/12
Creativity and neatness	/16