

Construction Zone

Your construction team will be required to construct a model of a plant OR animal cell. All models must be made out of materials that will not spoil or fall apart easily. Use the questions in the grading section to help you develop a good project.

Each model must include all of the following organelles:

Cell wall (if plant cell)
Cell membrane
Ribosomes
Nucleus
Mitochondria
Vacuoles
Cytoplasm
Endoplasmic Reticulum
Lysosomes (if animal cell)
Chloroplasts (if plant cell)

Grades will be based on the following questions:

- √ Is your team name on the project along with the names of all the team members?
- √ Is the cell type identified? Tell if it is a plant or animal cell.
- √ Are all the organelles included?
- √ Are the organelles correctly labeled? Each organelle must be labeled with its name and function. Use the Construction Zone labels!
- √ Are the relationships between the parts (if any) shown correctly? Are some of the ribosomes on or near the endoplasmic reticulum? Is the endoplasmic reticulum near the nucleus? If a plant cell, are the chloroplasts around the vacuole?
- √ Are the materials acceptable?
- √ Did all the team members help with the construction of your cell?

Project due on _____!

Construction Zone Labels

Function:

Function:

Function:

Function:

Function:

Function: