

Animal/Plant Cell Diagrams

Purpose:

To accurately represent the structures within a plant and animal cell

To compare and contrast the differing structures between the plant and animal cell

Resources:

Animal & Plant Cell Handouts, Biology Textbook

Requirements:

1. Each person must develop two separate diagrams, one animal cell and one plant cell.
2. Each diagram must be colored and have the following structures.
 - Animal Cell
 - Nucleus, Nucleolus, Nuclear Envelope, Ribosomes, Rough & Smooth Endoplasmic Reticulum, Golgi Apparatus, Mitochondria, Centrioles, Vacuoles, Cell Membrane, Lysosomes
 - Plant Cell
 - Nucleus, Nucleolus, Nuclear Envelope, Ribosomes, Rough & Smooth Endoplasmic Reticulum, Golgi Apparatus, Mitochondria, Vacuoles, Cell Membrane, Cell Wall, Chloroplast,
3. Each diagram must have a legend that labels each structure along with its function in the cell.

Timeline & Due Dates

Sketch of cell and materials, Due Wednesday, 10/12/05, 5 pts

Rough Drafts, Due Wednesday, 10/18/05, 10 pts

Final Diagrams, Due Monday 10/21/05, 50 pts