

Plant & Animal Cell Poster Project

Name _____

Period _____

Objective: Construct a model of a typical plant and animal cell.

Directions:

1. The following organelles must be included in both cells:

cell membrane

nucleus

cytoplasm

mitochondria

ribosomes

Golgi bodies

vacuoles

endoplasmic reticulum

Plant cell: cell wall & chloroplasts

Animal cell: lysosomes

2. The cell membrane & cell wall will be drawn on the poster with a marker or Sharpie. (8½ X 11)

3. The cytoplasm will be colored using a color pencil or crayon.

4. For all the other organelles you will use the objects provided to represent these cell parts. You may bring your own supplies from home to use on the project.

5. The project will be completed in class over two days. (Tuesday 9/30 & Thursday 10/2) The project is due at the end of class on the 2nd. You may type your heading, titles, labels and key ahead of time at home.

Heading: Your name & class period must be in the upper, right corner of the project.

Title: You will title each cell: Plant Cell - Animal Cell

Labels: All of the listed organelles will be labeled using a black marker or they may be typed and then attached to your poster. Label lines must be drawn horizontally using a ruler. You may use a numbered key or print you labels. **(Any typing will be done outside of class)**

Animal Cell Parts: All listed organelles are included in the animal cell.

Plant Cell Parts: All listed organelles are included in the plant cell.

Neatness: The project must be colorful & neat.

Functions: Include a description of the function for the following organelles. Must be written in complete sentences. (cell membrane, cell wall, cytoplasm, nucleus, mitochondria & chloroplast)

Neatness: The project must be colorful & neat.

Project Grade: 85 points

Heading (2 pts.)

Titles (4 pts.)

Animal Cell Parts (18 pts.)

Plant Cell Parts (20 pts.)

Labels (20 pts.)

Functions (12pts)

Neatness (9pts)

Supplies that will be provided

Macaroni

Split peas

Cotton balls

Foam shapes (a few)

Crayons

Paper clips

Beans

String/yarn

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Heading (2 pts.)	2	1	0								
Titles (4 pts.)	4	2	0								
Animal Cell Parts (18 pts.)	18	16	14	12	10	8	6	4	2	0	
Plant Cell Parts (20 pts.)	20	18	16	14	12	10	8	6	4	2	0
Labels (20 pts.)	20	18	16	14	12	10	8	6	4	2	0
Functions (12pts)	12	10	8	6	4	2	0				
Neatness (9pts)	9	7	5	3	1	0					

Project Grade:

85 Points
