

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

## **Plant Cell and Animal Cell Menu Board**

Directions: Below you will find a list of different tasks to complete. You have the option of choosing some tasks while others are required. Everyone must complete the appetizer. You may choose any one entree, and you must pick two side dishes. If you finish early or want more, you may complete the desert.

### **Appetizer (Everyone Shares) (20 points)**

You must pick up one of the three graphic organizers and complete the information needed to label the parts of an animal and plant cell as well as describe the function of those parts.

### **Entree (Pick One) (30 points)**

Write a short story (1/2-3/4 of a page) describing the “life” of a plant cell or animal cell. Describe how they work together in the cell.

Compare the parts and function of a cell (plant or animal) with that of a school. Defend your answers.

Create a model of an animal cell or a plant cell with the following organelles: nucleus, mitochondria, cell membrane, cell wall, vacuole, and chloroplast using small craft items from your house.

Pick an organelle and write a short story called, “A Day in the Life of a \_\_\_\_\_.” Include at least 3 other organelle interactions in your story.

Make a flip book about organelles (choose either plant or animal.) Include a drawing and description of one organelle on each page.

Make a children’s book about the organelles of plant and animal cells, with a different organelle on each page. For each organelle, include the name of the organelle, its function, the type of cell it is found in, and a picture.

### **Side Dish (Pick 2) (25 points each = 50 points total)**

Write a paragraph describing how animal cells and plant cells get their energy.

You have been hired by an educational network to produce a video series. The topic of your first episode is plant and animal cells in our daily lives. Create a video of your first episode.

Create flash cards using index cards for each of the following organelles: nucleus, mitochondria, cell membrane, cell wall, vacuole, and chloroplast. Have the name on the front with a drawing and its function on the back.

### **Dessert (optional) (10 points= extra)**

You are the head of the Cell Museum. You need to put together a tour guide map and pamphlet for your cell museum. You may pick either a plant or animal cell for your museum. Your pamphlet needs to have the following items:

Title page – Picture/ price/ hours open

Exhibits (Cell Parts) – numbered

Descriptions of Exhibits

Map – with (You Are Here) sign

Or

Demonstrate your knowledge of Plant and Animal cells and teach what you have learned to another teacher, administrator or another adult in the building. You must have them sign a paper indicating that you have shared with them what you have learned about Plant and Animal cells.