

Name: _____ Date: _____

Plant and Animal Cells

Directions: Choose two activities from the menu below. The activities must total 100 points. Place a checkmark next to each box to show which activities you will complete. All activities must be completed by _____.

20 Points

- Create a Venn diagram flipbook that compares and contrasts the structure of plant and animal cells.
- Design a plant and animal cell crossword puzzle that focuses on the structural differences between the two types of cells.

50 Points

- Design a board game in which players travel through either a plant or animal cell traveling from organelle to organelle.
- Create a wet mount microscope slide to examine an animal cell (cheek cell) and plant cell (onion cell works well). Create a poster that shows how to create the wet mounts. Draw what you view and label the various structures.
- 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 and share it with the class.
- Free choice—prepare a proposal form and submit your idea for approval.

80 Points

- A plant and animal cell are having a disagreement about which is the more complex cell. Write and present a play that follows their debate and shows who really is the most complex.
- There are structures that are found only in plant cells. Investigate the importance of these structures. Design a "plant cell person" who would represent how the human body would be different if it had the structures that plant cells contain. Build a model of your person using everyday objects with an accompanying poster that points out his or her important features.