

Name _____ Period _____ Date _____

How Plant and Animal Cells Differ

Background

Although plant and animal cells have many structures in common, they also have basic differences. Plant cells have a rigid cell wall, and if they are green, they also have chloroplasts. Animal cells lack a cell wall and chloroplasts. They also lack the central vacuole common to plant cells. You will observe and compare animal and plant cells. You will first examine epithelial cells from the inside of your cheek. Epithelium is a type of tissue that covers the surface of many organs and cavities.

gradient? Yes or No	**	gradient? Yes or No	**	gradient? Yes or No?	**
movement left, right, or none	**	movement left, right, or none	**	movement left, right, or none	**