

Name: _____ Block: _____

Learning Targets for Earth's Surface Assessment

Textbook / Resource	Learning Target (I Can...)
Pg. 501	Interpret the 3 statements in the cell theory. 1. All cells are produced from other cells. 2. All living things are composed of cells. 3. Cells are the basic units of structure and function in living things.
Pg. 521, Osmosis / Diffusion Lab	Explain why water is essential for cells. Water is essential for the transport of some materials in and out of cells. Water also makes up the majority of cells.
Pg. 514	Name some types of cells in multi-celled organisms that have specialized jobs and specialized shapes/structures. Cells in multicellular organisms are usually specialized, meaning they have specific structures and functions. Examples include blood cells and nerve cells.
Pg. 507	Draw and explain the function of the cell membrane. The cell membrane is found in all cells and controls which substances move in and out of the cell.
Pg. 512	Draw and explain the function of the vacuole. The vacuole stores food, water, and other substances needed by the cell.
Pg. 508	Draw and explain the function of the nucleus. The nucleus directs all of the cell's activities.
Pg. 509	Draw and explain the function of the mitochondria. The mitochondria converts energy in food to energy used by the cell.