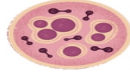


Plant and Animal cells word bank



Organelle - the structure in plant and animal cells that perform specific functions

Cytoplasm - a clear, jellylike substance that holds the organelles in place

Chloroplasts - organelles, found only in plant cells, in which sugar is

made during photosynthesis

Photosynthesis - is the process in which plant cells convert water and carbon dioxide in the presence of sunlight to sugar and water, releasing oxygen

Cell Membrane - A protective layer surrounding the cell that controls what enters and leaves the cell. (both plant and animal cell have this)

Cell wall - a stiff outer layer that surrounds a plant cell, protects it, and gives it its shape

Nucleus - the control center of a cell that directs the cell's activities

Chromosomes - structures in the nucleus that contain an organism's

genetic information and regulate the cell's activities

DNA - the abbreviation for deoxyribonucleic acid, the chemical that

provides detailed instructions for cells

Mitochondria - a bean shaped organelle that goes through a process

which releases energy in order for the cell to complete all its activities