

Cells and Cell Parts

2 Types of Cells		Symbiotic Cell Theory	Photosynthesis
Prokaryotic	Eukaryotic		<p>The process used by plants, bacteria and some protists to convert the energy from the sun into sugar. This process would be impossible if not for the green pigment chlorophyll which absorbs all wavelengths of visible light except green. By taking in water and carbon dioxide to make the plant is able to make glucose and the discarded byproduct oxygen. This chemical reaction takes place across the membranes of the thylakoids inside the chloroplasts.</p>
Organelles			
Nucleus	Chloroplasts	Endoplasmic reticulum	
Golgi apparatus	Leucoplasts	Lysosomes	
Microtubules	Mitochondria	Chromoplasts	
Vacuole	Plastids	Ribosomes	
Selectively Permeable	The Cell Membrane		
Turgor Pressure			
Cell Wall	Cytoplasm		