

Life Science

Prokaryotic	Eukaryotic	Cell	Organelles
Chloroplasts	Mitochondria	Cilia/Flagella	Nucleus
Mitosis	Meiosis	Genetics	Punnett Square
Photosynthesis	ATP	Glucose	DNA
Cellular Respiration	Lipid	Protein	Carbohydrate
Organism	Organ	Body System	Food Web
Ecosystem	Niche	Parasitism	Mutualism
Producer	Consumer	Decomposer	Bacteria

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<p>"Little organs" within cells that carry out essential life functions</p>	<p>"Basic unit of structure and function for all life"</p>	<p>Cell type belonging to more advanced organisms; contains a nucleus</p>	<p>Cell type that does not contain a true nucleus or membrane-bound organelles</p>
<p>The control center of a cell that contains important genetic information</p>	<p>Structures that aid in locomotion of a cell (cilia-hairlike, flagella-long and whiplike)</p>	<p>Energy-producing organelles that take in oxygen and sugar to produce cellular energy</p>	<p>Chlorophyll-containing organelles that allow for photosynthesis to occur</p>
<p>A diagram used to predict the outcome of offspring between two parents</p>	<p>The study of heredity</p>	<p>The process of producing four genetically different gametes from one cell</p>	<p>Asexual cell division; produces two identical daughter cells from one parent cell</p>
<p>Genetic material that codes for traits and characteristics</p>	<p>Simple sugar used to fuel cellular processes and energy production</p>	<p>Cellular energy produced primarily in the mitochondria</p>	<p>The process of converting light energy, water and CO₂ into sugar and oxygen</p>
<p>Macromolecule essential for quick energy; sugar or starch</p>	<p>Macromolecule used for tissue growth and repair; composed of amino acids</p>	<p>Macromolecule essential for long-term energy storage; fat, oil or wax</p>	<p>The process of converting sugar into usable cellular energy (ATP)</p>
<p>A complex network of feeding relationships in an ecosystem</p>	<p>A system of similar organs/parts working to perform specific functions (ex: digestion)</p>	<p>Functional part of a body system composed of the same tissue type</p>	<p>Any living thing that carries out essential life functions</p>
<p>A symbiotic relationship in which both organisms benefit (bee/flowering plant)</p>	<p>A symbiotic relationship in which one organism benefits while harming the other (flea/dog)</p>	<p>An organism's job or role in an environment</p>	<p>A community of living things plus the abiotic surroundings that influence survival</p>
<p>Prokaryotic organisms that break down nutrients; ubiquitous</p>	<p>An organism that must break down dead organic matter for survival</p>	<p>An organism that must consume other living things for survival; heterotroph</p>	<p>An organism that produces its own food or nutrients; autotroph</p>