

autotroph	an organism that makes its own food
cell	the basic unit of structure and function in living things
cell theory	widely accepted explanation of the relationship between cells and living things
compound microscope	a light microscope that has more than one lens
convex lens	a curved lens in which the center is thicker than the edges
development	the process of change that occurs during an organism's life to produce a more complex organism
Four needs of living things	food, water, living space, and stable internal conditions
heterotroph	organism that cannot make its own food
homeostasis	the process by which an organism's internal environment is kept stable in spite of the external environment
magnification	the ability to make things look larger than they are

microscope	an instrument that makes small objects look bigger
multicellular	a type of organism made up of more than one cell
organism	a living thing
reproduce	the production of offspring that are similar to the parents
resolution	the ability to clearly distinguish the individual parts of an object
response	an action or change in behavior that occurs as a result of a stimulus
Six characteristics of life	<ol style="list-style-type: none"> 1. Made of cells 2. Contain DNA or genetic material 3. Uses energy 4. Responds to surroundings 5. Grows and develops 6. Reproduction
spontaneous generation	the mistaken idea that living things arise from non-living things
stimulus	a change in an organism's life that causes them to react
unicellular	a type of organism that is made up of a single cell