



Characteristics of Living Things

- 1. Cellular Organization** - **Unicellular** (one celled organism)
Multicellular (organism made up of many cells)
- 2. Chemicals of Life** - **Water** (makes up most of the cell)
Carbohydrates (cell's energy source)
Proteins and Lipids (building material of cells)
Nucleic Acids (Genetic material - tells the cell what to do)
- 3. Energy Use** - Cells of organisms use energy to grow and repair injured parts.
- 4. Growth and Development** - **Growth** (process of becoming bigger)
Development (process of change that produces a more complex organism)
Ex. Acorn develops into an oak tree.
- 5. Response to Surroundings** - **Stimulus** (change in surroundings that cause on organism to react) Ex. Fire Alarm
Response (the actions an organism makes when reacting to a stimulus) Ex. Leave the building
- 6. Reproduction** - **Reproduce** (to produce offspring similar to the parents)