

Science Vocabulary

"Cells"

1. Living Things—made of cells, grow and develop, gather and use energy, can reproduce, respond to the environment, and adapt to the environment.
2. Nonliving Things—are unable to do all 6 things listed above that living things can do.
3. Basic Needs—All living things need the following things from their environment in order to survive: Energy (from the sun), Food, Water, Air, Temperature, and Space.
4. Cell—Basic unit of structure and function in a living thing.
5. Cell Membrane—Thin wall that enclosed a cell and gives it a shape.
6. Cytoplasm—A jellylike substance that fills most of the space in a cell. Other cell parts float in the cytoplasm.
7. Nucleus—A cell part found in the cytoplasm that controls all cell activity. It's like the "Brain of the Cell" or "The Boss".
8. Mitochondria—A cell part found in the cytoplasm the produces energy from food. It's a "Worker".
9. Cell Wall—Found only in plant cells. This is a stiff wall that surrounds the cell membrane of a plant cell. It helps plants stand up.
10. Chloroplasts—Found in the cytoplasm of plant cells. They hold chlorophyll (green pigment that plants need to make their food).
11. Microorganism—Living things that are made of only one cell. Examples: Paramecium and Amoeba are one-celled animals.