Living Things

*Distinguish between living and nonliving things.

*Identify what living things need to survive

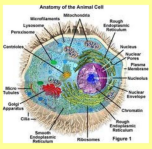
What are living things like?

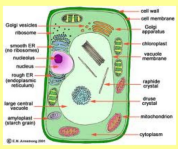
*All living things are called organisms and have certain things in common.

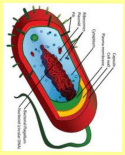
Living Things are Organized

*Cells are the smallest units that carry on life functions.

*Each cell has an orderly structure and contains heredity material.







Living Things Respond

*Interact with the surroundings

*Stimuli cause a response which is often movement.

*The response may be internal or external.

*Homeostasis is the body's ability to keep proper internal conditions and is a trait of all living things.

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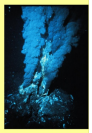
Living Things Use Energy

*All most energy comes from the sun either directly or indirectly.

Some organisms use the sun to create energy, but most eat food to get energy.

The few organisms that don't use the sun's energy live deep in the ocean. They use other chemicals.



Living Things Grow and Develop

*Growth is usually due to an increase in the number of cells, but it can be due to increase size of the cell.

*Organisms change as they grow (development)

Living Things Reproduce

*All living things reproduce, but they do it in a variety of ways.

Without reproduction organisms would no longer exist.

What Do Living Things Need

*A place to live that provides for all of its needs.

*Raw materials to make and process energy

Most organisms are more than 50% water.