

Living Things

There are seven common functions carried out by all living things.

Movement

- Animals move around freely, though some marine creatures (e.g. coral, anemone) are stationary but move in their spot.
- Plants move in response to light (e.g. stem and leaves), water (e.g. roots) and gravity (e.g. roots).

Respiration

- Process of obtaining energy from food and oxygen, releasing carbon dioxide.
e.g. food + oxygen → energy + water + carbon dioxide

Sensitivity

- Animals are sensitive to touch, sound, heat, light, smells and tastes.
- Plants respond to light and water.
- Bacterial respond to chemicals in the soil.

Growth

- All things grow during their lifetime, some faster than others.

Reproduction

- All living things produce young of their own kind.

Excretion

- Living things produce wastes from respiration and get rid of them in different ways.

Nutrition

- All living things need some kind of food or nutrient to live and grow.