

CLASS 6

SCIENCE

REVISION NOTES

Class 6 Science Chapter 10 Living Creatures – Revision Notes

Quick revision notes for Class 6 Science Chapter 10 (Living Creatures: Exploring their Characteristics).

Contents

- Characteristics of Living Things
- Seed Germination
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Quick revision notes for Class 6 Science Chapter 10 (Living Creatures: Exploring their Characteristics).

Characteristics of Living Things

Movement — not always locomotion; includes plant movements like leaf-folding, climbing, trapping.

Growth — increase in size, linked to nutrition.

Nutrition — food needed for growth and energy.

Respiration — breathing is part of this larger process; plants respire via stomata.

Excretion — removal of waste (sweat/urine in animals; leaf-edge droplets in some plants).

Response to stimuli — reacting to a stimulus (any prompting event or thing).

Reproduction — producing new individuals of one's own kind.

A being is considered dead when it can no longer show these characteristics, even with resources available.

Seed Germination

Needs: water, air, and appropriate light/darkness (varies by seed type).

Waterlogged soil can prevent germination by excluding air.

Dry, cool, airtight storage of grains prevents unwanted germination/spoilage.

Plant Growth Direction

Shoots grow toward light; roots grow downward — regardless of the seed/pot's orientation.

Life Cycles

Plant (bean): seed → germination → leaves → flowers → fruit/pod with seeds → death.

Mosquito: egg → larva → pupa → adult (all in/near stagnant water until the adult stage).

Frog: spawn (egg cluster) → embryo → tadpole with tail → tadpole with legs → froglet → adult.

Common Mistakes to Avoid

Don't judge "living" by movement alone — cars move but aren't alive; many plants barely move but are alive.

An object originating from something living (like a fallen log) isn't automatically living itself.

Growth alone (like a crystal “growing”) doesn't make something alive — all characteristics must be present together.

One-Line Summary

Living things share seven characteristics together — movement, growth, nutrition, respiration, excretion, response to stimuli, and reproduction — and this chapter traces those characteristics through seed germination and the life cycles of a plant, a mosquito, and a frog.

See also: [Chapter 1](#) | [Chapter 2](#) | [Chapter 3](#) | [Chapter 4](#) | [Chapter 5](#) | [Chapter 6](#) | [Chapter 7](#) | [Chapter 8](#) | [Chapter 9](#) | [Chapter 10](#)

Practice more: [Chapter 1](#) | [Chapter 2](#) | [Chapter 3](#) | [Chapter 4](#) | [Chapter 5](#) | [Chapter 6](#) | [Chapter 7](#) | [Chapter 8](#) | [Chapter 9](#) | [Chapter 10](#)

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