

CLASS 4

EVS

REVISION NOTES

Class 4 EVS Chapter 4 Growing up with Nature – Revision Notes

Class 4 EVS Chapter 4, Growing up with Nature, explores how living things -- plants, animals, and humans -- grow and change over time, and how nature supports and shapes that growth.

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Class 4 EVS Chapter 4, **Growing up with Nature**, explores how living things — plants, animals, and humans — grow and change over time, and how nature supports and shapes that growth.

About Chapter 4: Growing up with Nature

Growth is a shared experience among all living things, though it looks different for each — a seed becoming a tree, an egg becoming a chick, or a baby becoming an adult. This chapter compares these growth journeys and the role nature plays in each.

Key Concepts

1. Stages of Plant Growth

A plant typically grows through stages: seed, seedling, young plant, mature plant, and (for flowering plants) flower and fruit formation, each stage requiring water, sunlight, and nutrients from soil.

2. Stages of Animal Growth

Different animals grow differently — some hatch from eggs and develop directly (like chicks), while others go through dramatic transformations called metamorphosis (like a caterpillar becoming a butterfly, or a tadpole becoming a frog).

3. Human Growth Stages

Humans grow through infancy, childhood, adolescence, and adulthood, with physical, mental, and emotional changes happening at each stage.

4. What Living Things Need to Grow

All living things need certain basics to grow well — food/nutrients, water, air, and often sunlight (for plants) or care and safety (for young animals and humans).

5. Nature's Role in Growth

Natural elements like sunlight, rain, soil, and seasons directly influence how and when living things grow, flower, or reproduce, showing the deep connection between living things and their environment.

Quick Recap

Plants grow through stages: seed, seedling, mature plant, flower/fruit.

Animals grow differently — some directly, some through metamorphosis.

Humans grow through infancy, childhood, adolescence, and adulthood.

All living things need food, water, air, and appropriate care to grow well.

Natural conditions like sunlight and seasons strongly influence growth.

Common Mistakes to Avoid

Students sometimes assume all animals grow the same way as humans — it is important to highlight metamorphosis and other distinct animal growth patterns as genuinely different processes. Another gap is overlooking the role of the environment (sunlight, water, season) in growth, focusing only on food.

How to Practise This Chapter at Home

Grow a simple seed (like a bean or chana) in a pot and observe and record its growth stages over a few weeks. Discuss and compare photos of a family member at different ages to talk about human growth stages in a personal, relatable way.

Why This Chapter Matters

Understanding growth builds early biological literacy and an appreciation of the shared, yet varied, journeys of living things, laying groundwork for more detailed life-science topics in later classes.

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