

# EVS

Original supplementary practice with explanations, worked examples, observation prompts and answer guidance. This is not a claim of complete NCERT syllabus coverage.



**8 practice units + 10 chapter companions**  
**108 tasks with answer guidance**

Name / नाम: \_\_\_\_\_

Original selected-topic practice. Use alongside school lessons and the prescribed textbook. The contents define this book's scope.

## UNIT 01 / 08 · LEARN &amp; TRY

## Interdependent Ecosystems

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Learn

An ecosystem includes living organisms and the non-living environment interacting in an area. Producers such as green plants make food using light. Consumers obtain food from other organisms, and decomposers break down dead material, returning nutrients to the environment. Food webs connect many feeding relationships. Sunlight, water, soil and temperature influence the system. A change in one part can have effects throughout the network.

### Worked example

In a pond, algae make food, small animals eat algae and larger animals eat them; decomposers recycle material from dead organisms.

### A food chain shows a feeding connection



One example. Real ecosystems contain many linked feeding pathways.

### 1. What is an ecosystem?

## UNIT 01 · PRACTISE · 2–6

## Interdependent Ecosystems

2. Name a producer.

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3. What do decomposers do?

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4. Why is a food web more realistic than one chain?

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5. Name two non-living ecosystem factors.

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6. Predict one effect of losing many pond plants.

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Explain one answer. Choose a question to revisit after a few days.

## UNIT 01 · ANSWER GUIDANCE

## Interdependent Ecosystems

1. Organisms interacting with each other and the non-living environment.
2. A green plant or algae.
3. Break down dead material and recycle nutrients.
4. Most organisms have several feeding relationships.
5. Water, light, temperature or soil.
6. Less food or shelter may be available to organisms that depend on them.

**Teaching note**

Predictions should name a relationship, not assume every effect is certain.