



A closer look at

EVS and Science

Unit 1: Food



1 Eating Habits of Animals

Tune In

Go to **MyInspire** and view   Also answer the following:

1. Why must animals eat?
2. What will happen if an animal does not get enough to eat for a long time? Explain.

Learning assets and practice questions for a **recap** of prerequisite concepts

IN THIS CHAPTER

- Eating Habits
- Teeth of Animals
- Food Chain

The picture given below shows different animals eating their food.



- Scavengers keep the ecosystem free of dead animals. Vultures (**Fig. 1.20**), jackals, hyenas, termites, and earthworms are some scavengers.

Decomposers Organisms that obtain nutrients by breaking down the remains of dead organic matter are called **decomposers**. Decomposers break down the dead or decaying organic matter into nutrients



Fig. 1.20 Vultures are scavengers.



Fig. 1.21 Fungi are decomposers.

such as nitrogen and carbon, which in turn can be used by the living plants and animals.

Fungi (**Fig. 1.21**), and microorganisms such as bacteria, are examples of decomposers. Organisms that are too small to be seen with the naked eye are called **microorganisms**.



Go to **MyInspire** and view



Learning resources for
every concept

Exercise II

 Go to **MyInspire** for questions A and B.

Concept-end
Exercises

C. Short Answer Questions



1. Which teeth help the herbivores to break down the plant material into fine particles?
2. Why do eagles and owls have sharp eyesight?
3. Why do squirrels have sharp-edged front teeth?
4. Do microorganisms, like bacteria, play the role of a scavenger or of a decomposer? Justify.

Chapter-end Revision Exercises

Revision Exercises

Go to **MyInspire** for questions A and B.

C. Picture Study



1. a. Identify the labelled food items (A–D) obtained from plants or animals.
- b. In case the item is obtained from a plant, also identify the plant part it is obtained from.
- c. What type of product is food item C called and why?



A



B



Objective type questions on the platform.

Start the exercise with picture study questions.

Key Features

Get It Right

Animals such as elephants, walruses, and wild boars have long, white, and hard teeth coming out of their mouth. These teeth are called tusks. Tusks are not used in eating food.



Grade 3

Grade 6



Let's Discuss

Teeth of an organism suggest the kind of food it eats. What does the teeth structure of human beings tell us about the type of food they can eat?



Try This!

Grade 6

Visit a nearby government school to understand the working of the Midday Meal Scheme. Suggest a diet plan for a midday meal in a school.

Art integration



Grade 1

Cross-Curricular Connect

Pick a festival you and your family celebrate and make special a greetings card for each family member for the occasion. (Arts Education)

Knowledge of India

Biography



Jagdish Chandra Bose (1858-1937), an Indian scientist, made a number of discoveries related to plants.

He invented an instrument called *Crescograph*, to measure plant's feelings and responses. He constructed automatic recorders that could detect slightest of movements in plants.



NATIONAL EDUCATION
POLICY 2020

Cross-Curricular Connect

1. Charkha is associated with Mahatma Gandhi who believed it to help Indians become self-sufficient and achieve independence. Explore more about the history of charkha. Was it being used even before Mahatma Gandhi started using it? (History)

Grade 6



A Value for You



1. Rishi saw a man lying injured on the road. Should he help the man and provide first aid or should he leave the man lying on the road? Why?

Grade 3

A Value for You



Grade 1

Do you like reading stories? Many people take up reading as a hobby. But there are many children who cannot read as they cannot see. Find out how you can help them enjoy such stories.

Cross-curricular Connect

Cross-curricular Connect

Imagine you are a rabbit living in a burrow under a tree in a jungle. You must go out each day in search of food and keep yourself safe from predators. Once you have food, you gnaw away at it to eat. Write a diary entry showing how a normal day in your life is like. (English)

Grade 3



NATIONAL EDUCATION
POLICY 2020

Grade 6

2. West Bengal, Bihar, and Assam are the main jute producing states in India. Find out about different cities in these states which are involved in the jute production at a large scale. Note down the annual amount of rainfall, temperature, and type of soil found in those regions. (Geography)

HOTS

HOTS Questions

APPLY



1. Pritha and her elder sister love to eat curd after meals. Their mother has fallen sick and there is no curd left for lunch. Both, Pritha and her elder sister don't know how to prepare curd. Can you tell them the names of all the ingredients required and how to prepare it?
2. Maya feeds her pet dog with milk, rice, and rotis. Do you think it will be correct to call Maya's dog a herbivore? Justify your answer.

ANALYSE



1. Will the health of a person be affected if he/she consumes only one type of food, for example, only the leaves, stem, or root of plants or only cereals or pulses or only dry fruits? Justify your answer.

Grade 6

HOTS Questions

APPLY



1. Suppose you have a pet (say, a puppy) at your home. Use your imagination and state what can go wrong if it is not trained to follow home safety rules?

ANALYSE



1. Jeetu and Vimi were playing in Vimi's room at home. Suddenly, Jitu ran out of the room but fell down very badly. What do you think could have happened? Whose fault do you think it was?

EVALUATE



1. A man has come to pick up Aadya from her school. Should she go with the man in case (i) the man is her uncle, and (ii) the man says he is her uncle.

CREATE



1. Using an old shoe box, make a first-aid box. Make a list of the items you would need.

Grade 3

Case-Study Questions

CASE-BASED QUESTIONS



It was Rohan's first day going to school. When the school bus arrived, he pushed one of his friends to board the bus first. He wanted to take a window seat. When he arrived at school, he ran up the stairs. He wanted to sit in the front bench. At lunch time, he began jumping on his table. He fell and hurt his knees and hands. He started crying. Other students informed the teacher, who gave him first aid. Rohan thanked the teacher and other kids for their help and kindness. But the teacher scolded Rohan. Rohan made a promise that day to never repeat similar behaviour.

1. Was Rohan being careful and following safety rules in the bus? Explain.
2. Was Rohan being careful and following safety rules at the school? Explain.
3. Why did the teacher scold Rohan?

Grade 3

Grade 1

CASE-BASED QUESTIONS



Answer the questions after reading the following paragraph.




Samar was not able to make any friends on his first day at school. He began to feel very sad. The next day, the teacher asked everyone to introduce themselves in class, one by one. Samar finally found the chance to speak and tell others about himself. Soon, he made many new friends.

1. Why did Samar feel sad in the beginning?
2. What do you think Samar says when he introduces himself?
3. Which activity in class helped Samar to make new friends?

Let's Review

Let's Review

Go to **MyInspire** and attempt 

Come here after you have completed the chapter. Score a topic from 1 to 5  to indicate how well you understand it. (5  = Very well; 1  = Not at all)

List the safety rules we should follow at home.



List the safety rules we should follow in school and in the playground.



List the safety rules we should follow on a road and in a bus.



Define first aid.



Explain how to provide simple first aid.



Compare herbivores, carnivores, and omnivores.

Score a topic from 1 to 5 to indicate how well you understand it. (5 = Very well; 1 = Not at all)

Plants.

Insects or animals.

Plants in common food items.



Learning changes lives – and we're here to drive that change with you.