

Chapter- 1

Food And Feeding Habits of Animals

STUDY NOTES

LET'S LEARN:

WHY DO ANIMALS NEED FOOD?:

Animals need food to grow. A pet dog is usually healthier than a stray dog. This is because a stray dog does not get enough food. Animals need food to stay healthy.

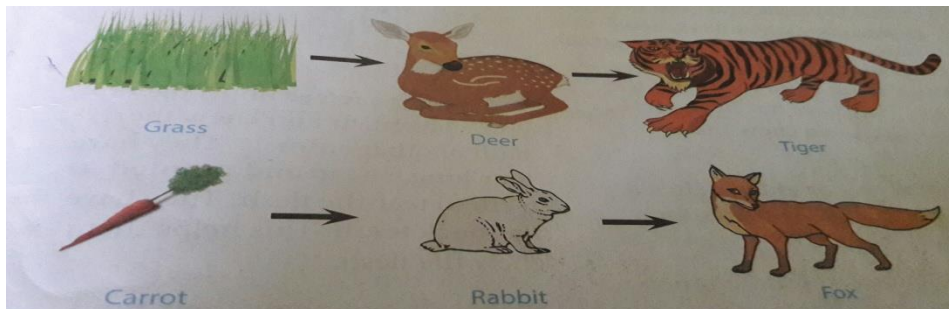
Animals need food for energy to do work and to move about. They get this from the food they eat. All animals need food to grow, to work and to stay healthy.

HERBIVORES, CARNIVORES AND OMNIVORES:

All living things need food to live. You know that plants make their own food in their leaves. Animals cannot make their own food. So they eat either plants or other animals. Have you seen cows and buffaloes eating grass or leaves? Horses, rabbits and giraffes also eat only plants. Animals that eat only plants are called herbivores. Lions, wolves, dolphins, owls and snakes do not eat plants. They eat the flesh of other animals. Animal that eat only the flesh of other animals are called carnivores. Many of you eat fruits and vegetables as well as meat. Humans eat both plants and animals. Animals that eat both plants and animals are called omnivores. Humans, bears, crows and rats are omnivores.

FOOD CHAIN:

Look at the following pictures. They tell us what an animal eats in nature.



The grass, deer and tiger form a chain. In the same way, the carrot, rabbit and fox form another chain. Such a chain, which tells us who eats what in nature, is called a food chain. There are many food chains in nature are given below.

Water plants → fish → humans

You see that all food chains start with plants. All animals finally depend on plants for their food.

EATING HABITS:

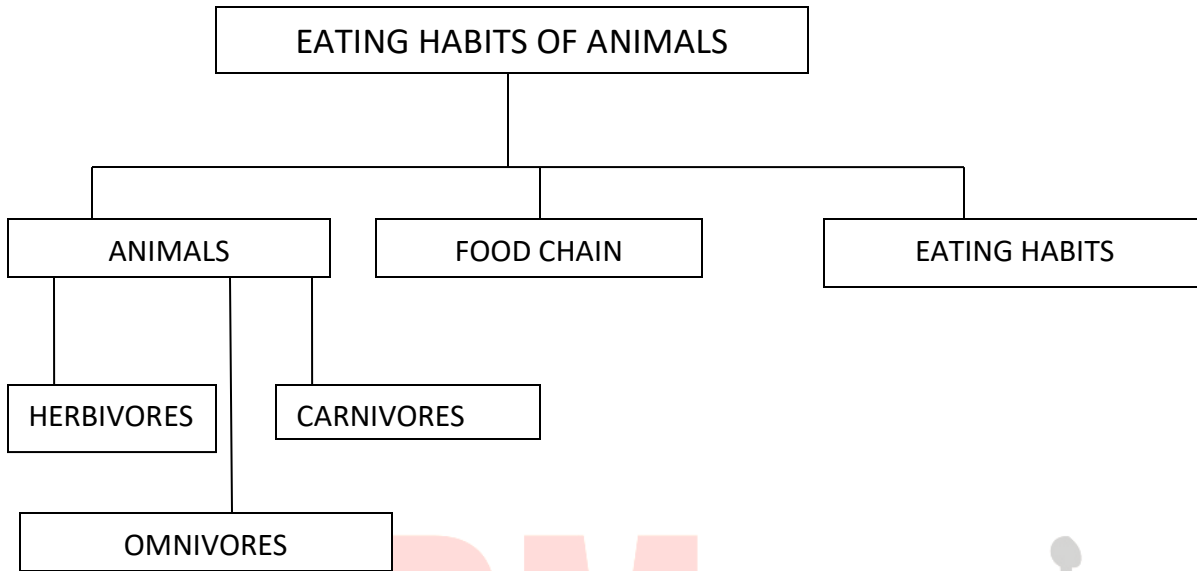
Different animals eat different foods. They have mouthparts suited to the type of food they eat. Herbivores such as cows, deer camels and horses eat grass and other plants. They have sharp and broad front teeth to bite off the grass. They have flat back teeth. This helps them chew their food well.

Observe a cow or buffalo after it has eaten its food. It chews for a long time! Cows, buffaloes and some other herbivores have an interesting way of eating. At the time of grazing they swallow their food without chewing it. Later, they bring it back to the mouth and chew it properly. This is called chewing the cud.

Carnivores such as lions, tigers and wolves tear and chew the flesh of other animals. They have four long, sharp and pointed teeth to tear the flesh. They have flat back teeth. This helps them chew the flesh. Snakes do not chew their food. Some of them can swallow animals bigger than their own heads. Snakes have small mouths. When they have to swallow a large- animal, their jaws open out and the mouth becomes very big!

Changing your Tomorrow

Lizards and frogs swallow their food without chewing. A frog has a long and sticky tongue. It shoots out its tongue to catch insects. A chameleon also has a long tongue and uses it in the same way. Animals like rabbits, rats and squirrels gnaw their food and have very sharp front teeth. A mosquito has a sharp and hollow tube in its mouth. It stabs you with this and sucks your blood in the same way you drink using a straw. A butterfly's mouth is like a long and hollow tube. It sucks nectar from flowers.

MEMORY MAPLET'S KNOW MORE:**Q1. Mark True or False**

- Animals that only eat flesh of other animals are called omnivores. ()
- A chain which tells us who eats what in nature is called a food chain. ()
- A butterfly's mouth is like a long and hollow tube. ()
- A frog has a sharp and hollow tube. ()

LET'S DO:**Q2. Name the followings**

- Cow: _____
- Wolf: _____
- Crow: _____
- Rabbit: _____
- Lion: _____
- Snake: _____
- Tiger: _____
- Squirrel: _____

Q3. Unscramble the letters

- a) It has a long sticky tongue. OGRF _____
- b) It swallows soil. AEWRTMORH _____
- c) It sucks blood. USOMOTIQ _____
- d) It carries load for us. NODYKE _____

Q4. Fill in the blanks

- a) Animals need _____ to grow.
- b) An elephant takes the help of its _____ to eat and drink.
- c) Soil contains parts of dead _____ and animals.
- d) A butterfly sucks _____ from flowers.

Q5. Match the followings

<u>A</u>	<u>B</u>
Tiger	very sharp front teeth
Squirrel	sharp, pointed and curved front teeth
Cow	biting front teeth

Q6. Answer these questions

- a) All animals depend on plants for their food. How?
- b) Name different types of food that omnivores get from animals.
- c) Why do cows and goats need to be fed on grass and oilseed- cakes?
- d) How does an earthworm have its food?
- e) Why should we take care of domestic animals?

TEACHER'S NOTE :

Draw a food chain in Project Record.

IMPROVE YOUR G.K :

- Animals need food, water, shelter and space to survive.
- Omnivores can live in many places because they eat both plants and animals.
- Plants are able to make their own food but animals are not.

ANSWER KEY :

Q1)a) False

- b) True
- c) True
- d) False

Q2)a) Herbivores

- b) Carnivores
- c) Omnivores
- d) Herbivores
- e) Carnivores
- f) Carnivores
- g) Carnivores
- h) Omnivores

Q3)a) FROG

- b) EARTHWORM
- c) MOSQUITO
- d) DONKEY

Q4)a) food

- b) trunk
- c) plants
- d) nectar

Q5)a) horse

- b) wolf
- c) frog
- d) mosquito
- e) butterfly

Q6) a) All animals depend on plants for their food because all animals eat both plants as well as plant-eating animals.

b) Milk, eggs, fish, meat

c) Cows and goats need to be fed on grass and oilseed- cakes because they give us milk, so that they need milk- producing food.

d) An earthworm swallows soil which has parts of dead plants and animals in it.

e) We should take care of domestic animals because they serve us well when required.

