

- Herbivorous animals
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3 Animals and Their Food

Many types of animals are found on the earth. All the animals are living things. To remain alive and for growth and development of the body, the animals need food. This food provides them energy for moving, running and hunting.

All the animals do not eat the same type of food. On the basis of the food they eat, the animals are divided into three kinds :

1. Herbivorous animals
2. Carnivorous animals
3. Omnivorous animals

1. Herbivorous Animals

Animals which eat grass, leaves and green plants are called **herbivorous animals** or **herbivores**. Cow, ox, buffalo, goat, horse, giraffe, elephant, rabbit, etc are herbivores.



Horse



Rabbit



Elephant



Ox



Giraffe



Cow



Goat

2. Carnivorous Animals

The animals which eat the flesh of other animals are called **carnivorous animals** or **carnivores**. Some animals hunt other animals for their food while some eat the animals killed by other animals. Lion, tiger, fox, vulture, eagle, snake, lizard, wolf, etc are some carnivores.



Tiger



Fox



Eagle



Lizard



Snake



Vulture

3. Omnivorous Animals

Those animals, which, besides eating plants and grass, also eat the flesh of other animals, are called **omnivorous animals** or **omnivores**. Man, dog, cat, crow, bear, etc. are omnivores.



Dog



Cat



Bear

Feeding Habits of Animals

Different animals eat different types of food. Their feeding habits are also different. Though all the animals eat with their mouths, there are differences in the structure of their gums and teeth. Thus, the feeding habits of animals depend on the shape and structure of their mouth and teeth.

1. Cow, buffalo, horse, goat, sheep, etc. first quickly gather their food and then chew it. They gnaw their food easily as their front teeth are very sharp. Their back teeth are broad and strong, with which they chew their food.

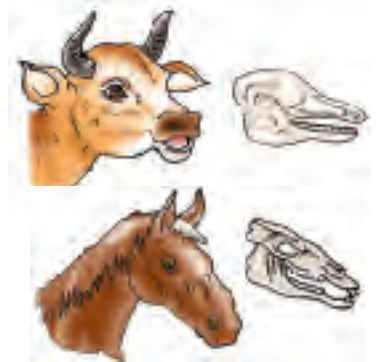
These animals first swallow their food. Then, they bring some part of it back to the mouth and chew it. This is called **chewing the cud**. Nearly all herbivores chew the cud.

2. Carnivores first tear and then eat their food. Their front teeth are very long and sharp. Their claws too are sharp, long and strong. They hunt their prey and tear them with their claws and teeth.

The back teeth of carnivores are broad and strong with which they chew the flesh. Lion, cheetah, tiger, dog, etc. are such carnivores.

3. Animals such as snake, python, frog, lizard, crocodile, etc. do not have cutting and biting teeth in their mouth. Such animals swallow their prey as a whole.

Lizard and frog have long and sticky tongue with which



Animals which chew the cud



Animals with long and sharp teeth



they catch small insects. They pull these insects with their tongue while sitting at a distance and quickly swallow them whole.



Animals with long tongue

4. Cow, buffalo, goat, bitch (dog), cat, etc. feed their milk to their babies. The young ones of these animals suck the milk from their mother's breast (udder).



Cow



Goat



Bitch (dog)

Strange But True

* Animals which feed milk to their babies are called 'mammals'.



Dog



Cat

5. Animals such as a dog and a cat do not drink liquids. They lick at the liquids with their tongue.

6. Animals such as rat, squirrel, rabbit, etc have very sharp and pointed front teeth. They nibble the seeds, fruits and plants to eat them.



Nibbling animals

7. Mosquito, honeybee, butterfly, leech, etc. do not have teeth. Rather, these animals have long and pointed suckers with which they suck their food. Mosquito, leech, bed-bug, etc. suck the blood of other animals.



Mosquito



Honeybee



Leech

Strange But True

* A leech does not need food for a year after sucking blood for 1200 seconds. After sucking blood, a 50 g leech gains 200 g.

8. The earthworm eats only soil. Its mouth is like a hole. With it, it eats the soil which is partly mixed with the bodies of dead animals into it.



Earthworm

9. The elephant has a long trunk which it uses like a hand. It picks up food with it and puts it into its mouth. It also drinks water with it.



Elephant eating leaves



Bathing elephant

Strange But True

* The teeth of elephant which are outside the mouth (called tusks) are not meant for eating. The teeth with which it eats are inside the mouth.



Food of Domestic Animals

Domestic animals are very useful to us. So, we should be careful about their food. The food should be nutritious as per the nature of their work so that they remain healthy and strong.

Animals such as cow, buffalo, goat, etc. provide us milk. They should be given green grass, cotton seed, oil cakes, etc. so that their milk giving capacity may increase.



Cow



Goat



Buffalo



Hen

We get eggs from animals like hens and ducks. We eat eggs as food supplement. We also get meat from them. So, their food should be of such quality which is body-building.

Animals like mule, horse, camel, ox, etc are very helpful to us in performing various tasks. They carry our loads and help in agriculture. Hence, we should give them energy-giving food. They should be given gram, pulses, oil seed, etc. along with fodder besides their regular food.



Looking Back.....

- ❖ On the basis of food, animals are divided into three groups.
- ❖ Animals eating grass and green plants are called herbivores.
- ❖ Carnivores eat the flesh of other animals.
- ❖ Omnivores eat both plants and flesh of other animals.
- ❖ All the animals have different feeding habits.
- ❖ Some herbivores gnaw and chew the cud.
- ❖ Carnivores tear up their food for eating.
- ❖ Some animals do not have teeth. They suck their food by suckers.
- ❖ Domestic animals should be given enough and nutritious food as per their nature of work.



Exercise

A. Tick (✓) on the correct option : (MCQs)

1. On the basis of food, animals are divided into how many groups ?

(a) Three

(b) Four

(c) Five

2. Which type of animal is a cow ?
 (a) Carnivore (b) Herbivore (c) Omnivore
3. Which type of animal is a vulture ?
 (a) Omnivore (b) Herbivore (c) Carnivore
4. Which type of animal is a dog ?
 (a) Herbivore (b) Omnivore (c) Carnivore

B. Answer the following questions :

1. What do herbivores eat ?
2. What do carnivores eat ?
3. What do you mean by omnivorous animals ?
4. Which type of teeth do herbivores have ? How do they eat their food ?
5. Which type of teeth do carnivores have ? How do they eat their food ?
6. What kind of food should be given to animals which carry our loads and help in agriculture ?

C. Fill in the blanks :

1. Food provides _____ to the animals.
2. Herbivores generally _____.
3. Animals feeding milk to their babies are called _____.
4. Some animals have long and pointed _____.
5. We get _____ from hens and ducks.

mammals
sucking tubes
energy
eggs
chew the cud

D. Write the names :

1. Herbivorous animals : _____
2. Carnivorous animals : _____
3. Omnivorous animals : _____
4. Load carrying animals : _____
5. Swallowing animals : _____

 **Creative Task**

Do the following :

1. Observe a cow or a buffalo chewing the cud. Also observe how does its jaw move.
2. Collect picture of some mammals and paste in your scrapbook.

Investigation :



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