

Science

Feeding habits of Animals

By :-

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Feeding habits of animals

Necessity of Food

- ❖ As all of us, animals also need **Energy** to do various day-to-day activities such as walking and running.
- ❖ Food gives them the energy to do all such activities.
- ❖ Food also help them in **growth and re-generation**.

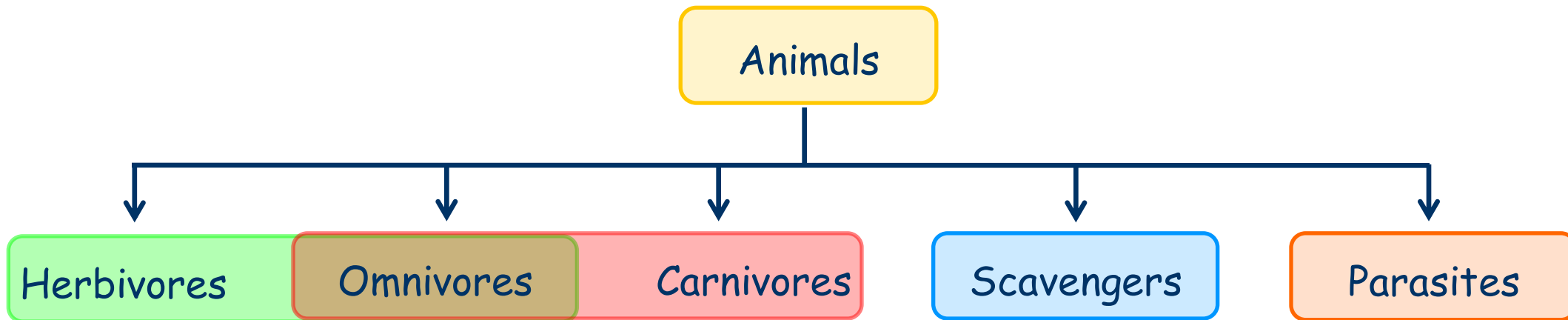
Eating Habits

- ❖ Different animals eat different food.
- ❖ Food items that the animals eat regularly are called their eating habits.

Feeding habits of animals

Eating Habits

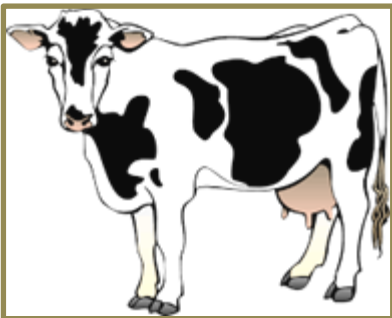
- ❖ Different animals eat different food.
- ❖ Food items that the animals eat regularly are called their eating habits.
- ❖ Based on eating habits, animals are classified in five categories:-



Classification of animals based on eating habit

Herbivores

- ❖ Animals that eat only plants, grass, fruits and vegetables.
- ❖ Examples :- Cow, Goat, Sheep, Horse, Buffalo, Deer, Giraffe, Elephant.



Cow



Goat



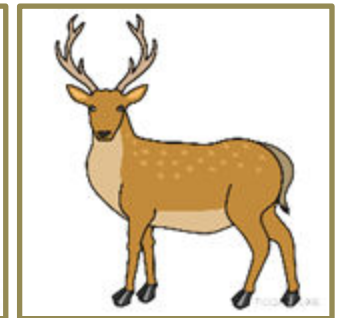
Sheep



Horse



Buffalo



Deer

Classification of animals based on eating habit

Carnivores

- ❖ Animals that eat flesh of other animals .
- ❖ Examples :- Lion, Tiger, Crocodile, Wolf, Snake.
- ❖ Such animals that hunt other animals for food are called **Predators**.
- ❖ The animals that get hunted for food by carnivores are called **Prey**.



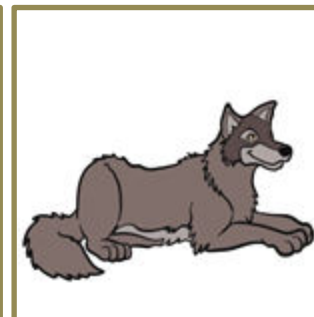
Crocodile



Tiger



Lion



Wolf

Classification of animals based on eating habit

Omnivores

- ❖ Animals that eat both plants as well as the flesh of other animals .
- ❖ Examples :- Bear, Dog, Monkey, Cat, Crow.



Bear



Dog



Monkey



Cat



Crow

Classification of animals based on eating habit

Scavengers

- ❖ Animals that eat the flesh of dead animals.
- ❖ Examples :- Hyena, Vulture.



Hyena

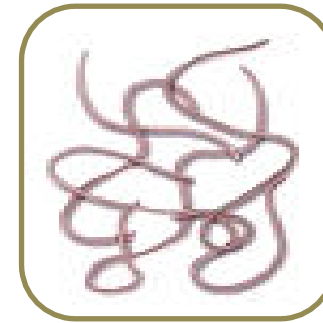


Vulture

Adaptations in animals for food

Parasites

- ❖ Organisms that live **on or inside the body** of other living organisms and depend on them for food.
 - ❖ The animal on or inside which the parasites live are called **host**.
- ❖ Examples :-
 - Roundworms, hookworms, tapeworms etc live inside other organisms.
 - Lice, ticks and fleas etc live on the skin of the host.
- ❖ Adaptations:-
 - ❖ Mouth of these organisms is adapted to suck blood of their host.



Roundworm



Whipworm



Hookworm



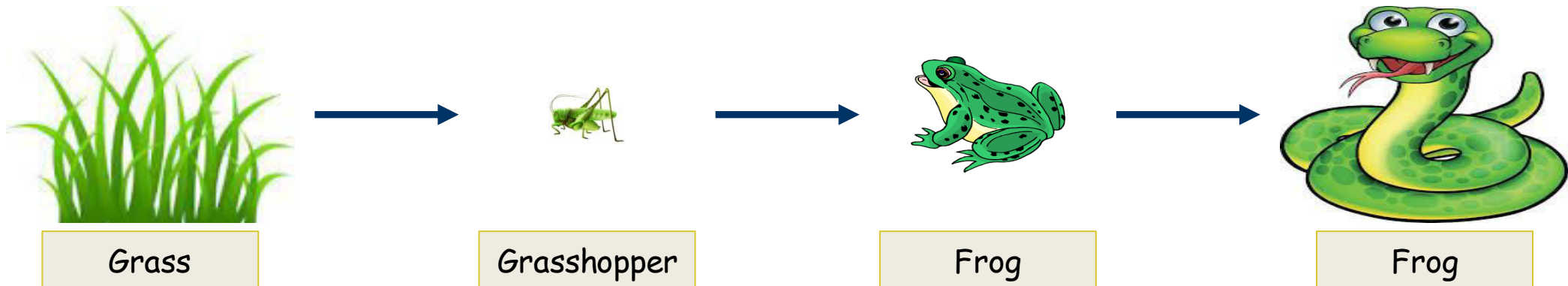
Tapeworm



Food Chain

Food Chain

- ❖ It is the chain formed when plants are eaten by animals and then these animals are in turn eaten by other animals.
- ❖ A food chain always starts with a plant at the lowest level.
- ❖ Hence all animals, whether Herbivores, Carnivores, Omnivores or Scavengers, depend directly or indirectly on plants.
- ❖ Example :- Grass is eaten by Grasshopper, Grasshopper by Frog and Frog by Snake.



Feeding habits of animals

Keywords

Herbivores	Animals that eat only plants, grass, fruits and vegetables.
Carnivores	Animals that eat the flesh of other animals.
Omnivores	Animals that eat both plants and the flesh of other animals.
Scavengers	Animals that eat the flesh of dead animals.
Decomposers	Organisms that decompose the remains of dead plants and animals.
Food Chain	The chain formed when plants are eaten by animals and then these animals are eaten by other animals.

Feeding habits of animals

Revise and Recall

State whether the following statements are True or False:-

1. Cow is Herbivore.

True

2. Deer is a Scavenger.

False

3. Crocodile is Omnivore.

False

4. Hyena is a Scavenger.

True

5. Dog is Carnivore.

False

6. Crocodile is a Carnivore.

True

Think and Answer

Q: What are different types of animals based on their eating habits?

Based on eating habits, there are five types of animals:-

- ❖ Herbivore.
- ❖ Carnivore.
- ❖ Omnivore.
- ❖ Scavengers.
- ❖ Decomposers.

