



Plants Around Us



Get Set Go!

Name three plants or trees that you have seen in your neighbour hood.

_____, _____, _____

There are different kinds
of plants around us.

Plants are living things.

They can breathe and
grow, just like us!



DIFFERENT KINDS OF PLANTS

Plants are of different shapes and sizes.
Let us learn about them.



DID YOU KNOW?

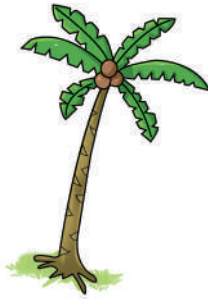
Most of the plants can make their own food!



MANGO TREE



APPLE TREE



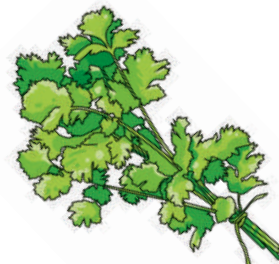
COCONUT TREE

TALL AND BIG PLANTS

Tall and big plants are called trees. Trees like banyan and peepal are very big.

SMALL AND WEAK PLANTS

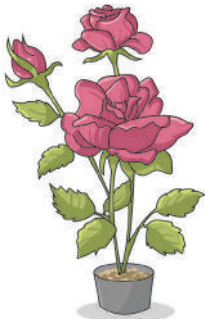
Small and weak plants are called herbs.



CORIANDER



MINT



ROSE PLANT



TULSI PLANT

SMALL BUT STRONG PLANTS

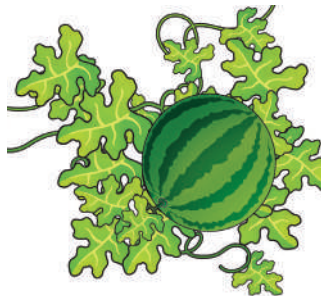
Small plants with strong stems are called shrubs.

WEAK AND THIN PLANTS

Some plants are weak and thin. They cannot stand on their own. They need some support to grow. These are called climbers. Some weak plants grow along the ground. These are called creepers.



PUMPKIN PLANT



WATERMELON PLANT

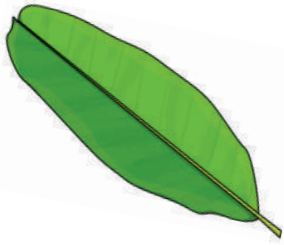


GRAPE PLANT



MONEY PLANT





BANANA LEAF

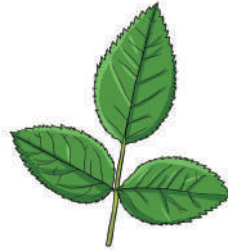


LOTUS LEAF

PLANTS WITH DIFFERENT LEAVES

Some plants have big leaves.

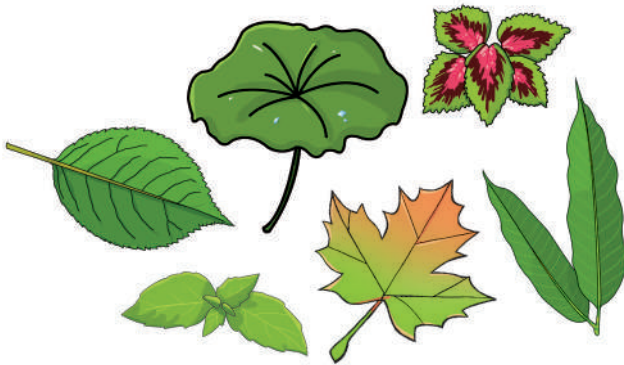
Some plants have small leaves.



LEAF OF A ROSE PLANT



LEAF OF A PEA PLANT



Some plants have round leaves and some have long leaves.

Some plants have dark green leaves and some have yellow leaves.



ACTIVITY-1

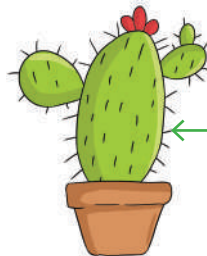
Experimental Learning

Collect 5 different types of leaves-shapes, sizes or colours. First dry between sheets of Newspaper with a heavy book & then stick in your book. Paste them in your notebook. Is there anything common that you see in all the leaves. _____

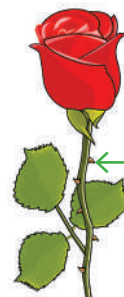
PLANTS WITH THORNS

Some plants have **thorns**.

Some plants do not have thorns.



CACTUS



ROSE

Some plants have thorns.

LAND AND WATER PLANTS

Many plants bear **flowers**. Flowers are of different colours, shapes and sizes.



LOTUS



MARIGOLD



PANSY



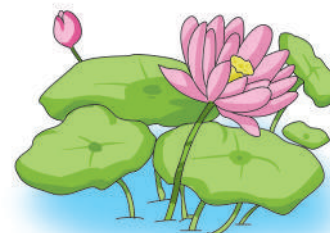
SUNFLOWER

Flowers are of different colours, shapes and sizes.

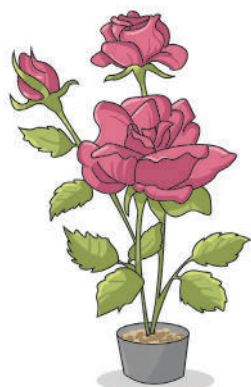
Some plants grow in water.
They are called water plants.



LOTUS



WATER LILY



ROSE



PEA

Some plants grow on land.
They are called land plants.

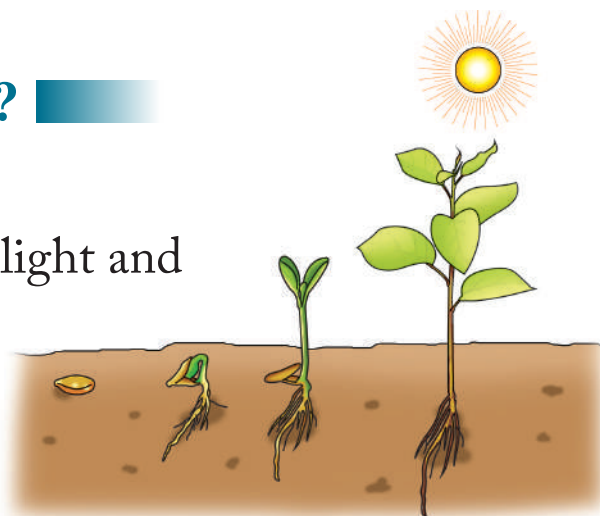
■ WHERE DO PLANTS COME FROM? ■

Most of the plants come from seeds.

When the seed gets enough water, sunlight and air, a baby plant comes out of it.

The baby plant grows and becomes a full plant.

Have you seen any seed?



SEED GROW INTO A NEW PLANT



ACTIVITY-2

Experimental Learning

Take an apple and an orange. Request your parents to cut them open for you. Can you see the seeds? _____



HOTS

Subject Enrichment

There are some seeds that we eat. Go into the kitchen. Find out names of seeds that you eat. _____.

TAKING CARE OF PLANTS

We should take care of plants at our home and in our surroundings.



We should water the plants



We should not pluck flowers or leaves.



We should not cut trees.



Key Terms

- **Trees:** big and tall plants with trunks
- **Shrubs:** small plants with hard/strong stems
- **Herbs:** very small plants with soft stems
- **Climbers:** weak plants which take the support of other plants to grow
- **Creepers:** weak plants which grow along the ground



Chapter at a Glance

- There are different kinds of plants around us.
- Plants are living things.
- Plants bear leaves, flowers and fruits.
- Big plants are called trees.
- Shrubs, are small plants with strong stems.
- Herbs are smaller than shrubs. They have soft and green stems.
- Water plants grow in water.
- Land plants grow on land.
- Most of the plants come from seeds.
- Plants clean the air.
- We should take care of plants.



PRACTICE TIME

1. Answer the following questions.

- What are trees?
- What are shrubs?
- What are herbs?
- Write two examples for the following.
 - Water plants : _____
 - Shrubs : _____
 - Herbs : _____

2. Circle the correct answer.

- Which of these plants have thorns?

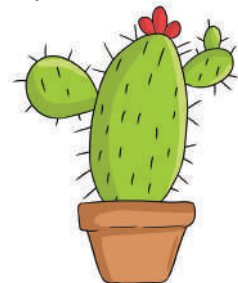
i.



ii.



iii.



b. Which of these plants cannot grow straight?

i.



ii.



iii.



c. Which of these plants has the strongest stem?

i.



ii.



iii.

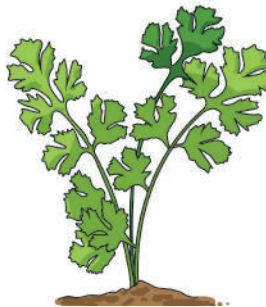


d. Which of these is a herb?

i.



ii.



iii.



3. Write whether following statements are true or false.

a. Herbs can grow very big in size.

b. All leaves have the same shape.

c. A rose plant has thorns.

d. Lotus is a land plant.

e. Plants grows from a seed.



4. Fill in the blanks.

Trees, bushes, creeper, seeds, herb

- Mint is a _____ plant.
- Most plants grow from _____.
- _____ can live for many years.
- Shrubs are also called _____.
- _____ is the most beautiful part of the plant.



Thinking Hat

Critical Thinking

- Which plants are these leaves from?



R _ _ _



P _ _

E _ _



P _ _

Y _ _

- Think and answer.
Why do some plants have thorns?



Life Skill

Life Skills and Values

Take the help of an adult to sow some seeds in a garden area. Pour water and observe for 2-3 weeks. Do you see anything coming out?



Project

Collect 10 different kinds of seeds.
Put them in separate plastic packets and label the packets.
Paste the packets in a small pocket album.





Value Based Question

Life Skills and Values

Ruchi's parents planted many trees around their house.

Ruchi and her brother also helped them. Seeing them, their neighbours also joined them.

They all planted trees. They decided to take care of the trees.

Answer the following questions.

1. Do you think trees are good for us?

2. What values are shown by Ruchi's family?



Time to Connect!

Subject Enrichment

Check out the link given to learn about different kinds of plants.

<https://www.youtube.com/watch?v=1slobfVvClw>





Animals Around Us



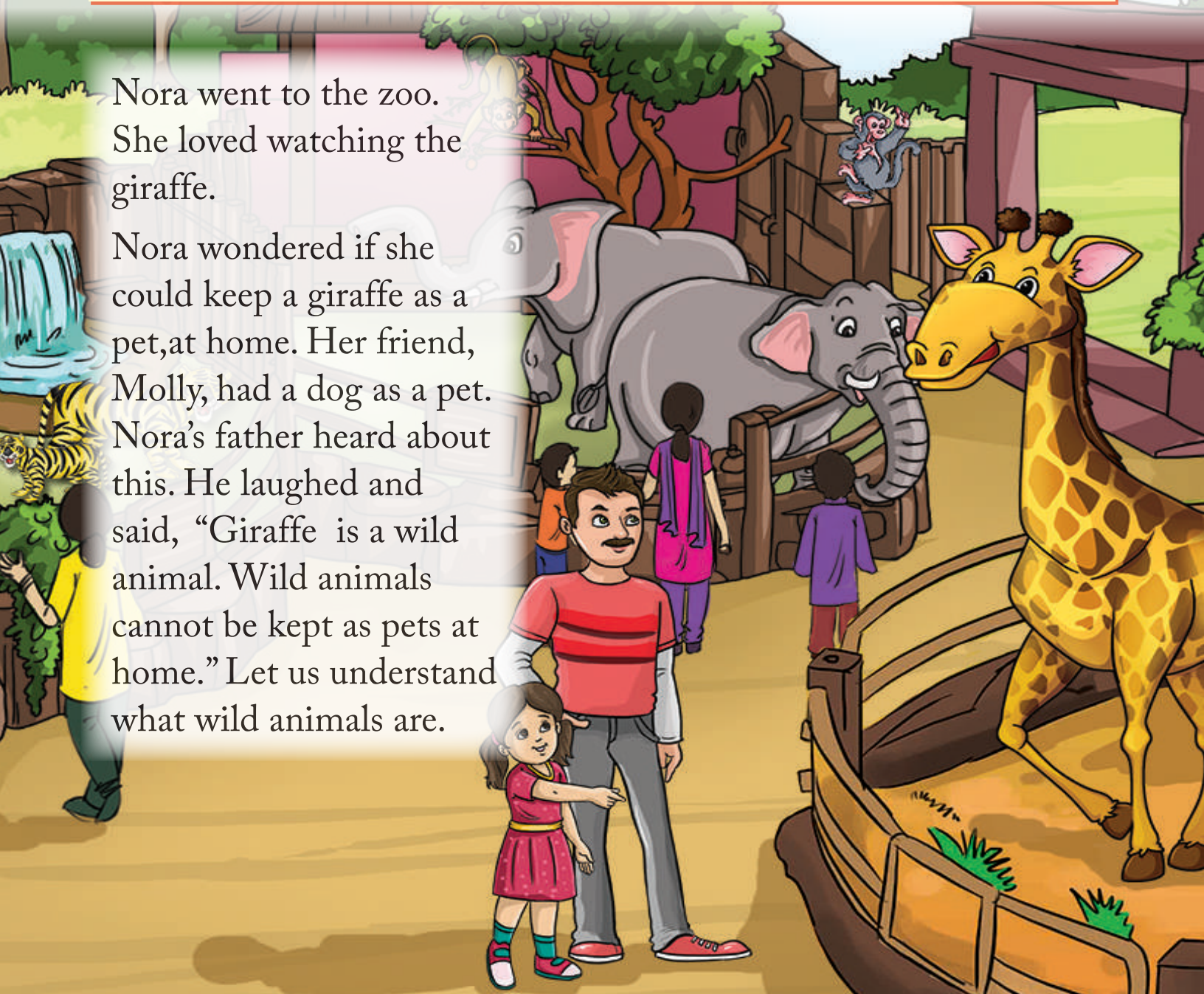
Get Set Go!

Have you been to the zoo? ☐ YES / ☐ NO

Name some animals which you have seen in the Zoo. _____

Nora went to the zoo.
She loved watching the giraffe.

Nora wondered if she could keep a giraffe as a pet, at home. Her friend, Molly, had a dog as a pet. Nora's father heard about this. He laughed and said, "Giraffe is a wild animal. Wild animals cannot be kept as pets at home." Let us understand what wild animals are.

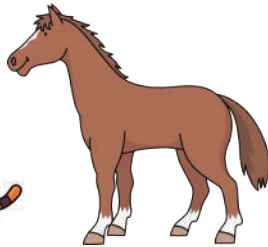


■ ANIMALS ARE OF DIFFERENT SIZES ■

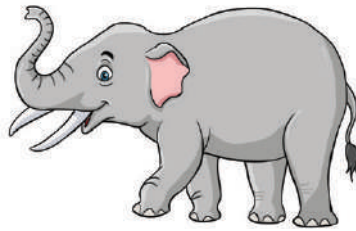
Some animals are **big**.



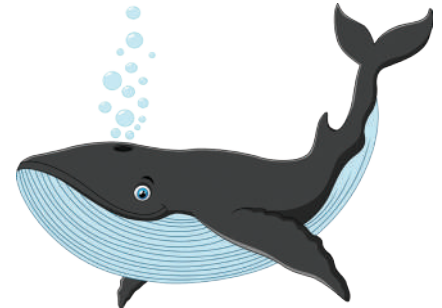
TIGER



HORSE



ELEPHANT



WHALE

Some animals are **small**.



CAT



CROW



KINGFISHER



RAT



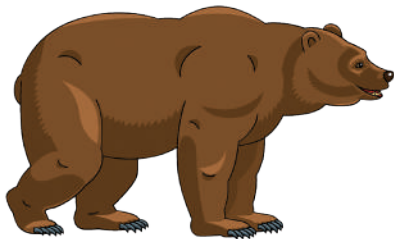
HOUSEFLY



LIZARD

ANIMALS LIVE IN DIFFERENT PLACES

Some animals live on land. For example,



BEAR



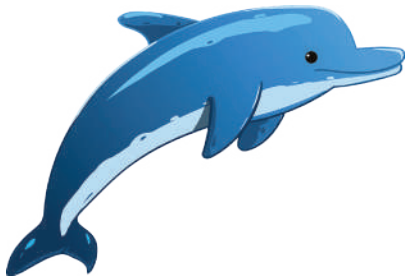
HARE

Land animals



CAT

Some animals live in water. For example,



DOLPHIN



OCTOPUS

Water animals



FISH

Some animals can live both on land and in water. They are able to breathe both on land and in water. For example,



CROCODILE



TORTOISE



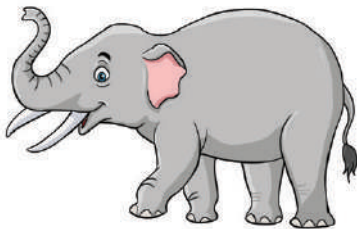
FROG

Animals that live both on land and in water

ANIMALS ARE WILD, DOMESTIC AND PET

WILD ANIMALS

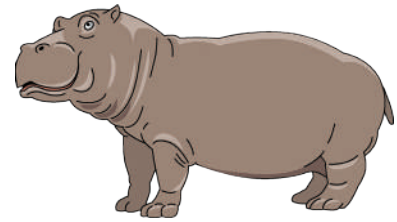
Animals found in the forest are called **wild animals**. For example,



ELEPHANT



TIGER



HIPPOPOTAMUS

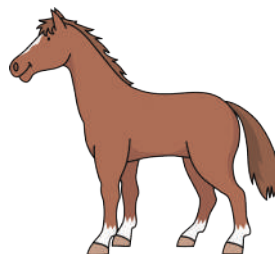
Wild Animals

DOMESTIC ANIMALS

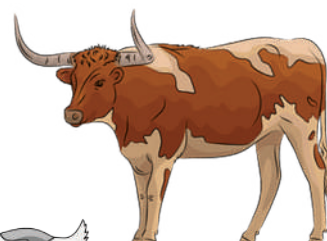
Animals which help us with our work, give us food and other useful items, are called **domestic animals**. We tame such animals to keep them in our homes or on farms. For example,



COW



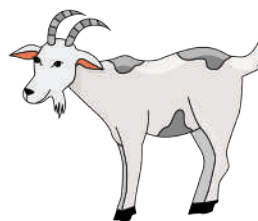
HORSE



OXEN



CHICKEN



GOAT



SHEEP

Domestic Animals



PET ANIMALS

Animals which we keep in our homes are our pets. We love to play with them and take care of them.



RABBIT



DOG



CAT

Pet animals



DID YOU KNOW?

The animals which live on land are called land animals.



ACTIVITY-1

Pictures of a few wild animals are given below. Match each picture with its name.

Elephant

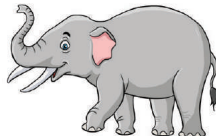
Deer

Leopard

Zebra

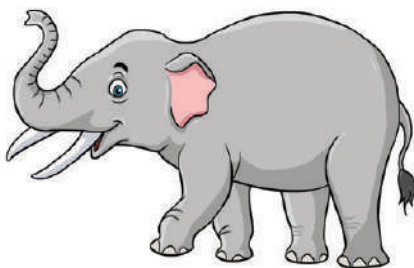
Bear

Lion



How Do ANIMALS MOVE?

Most land animals use their **legs** to move around.



ELEPHANT



LION



RABBIT



CENTIPEDE

Birds have two **wings** to fly.
They use their legs to walk.



PIGEON



EAGLE



PENGUIN



OSTRICH

Birds such as the ostrich, emu and penguin cannot fly.



HONEYBEE



BUTTERFLY



ANT

Insects have six legs.
Some insects have wings too.

Some animals do not have legs.
They crawl on their **bellies**.



EARTHWORM

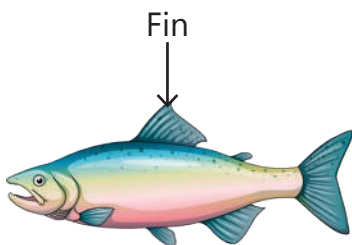


SNAKE

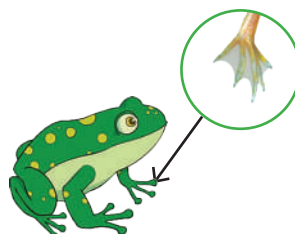
Fish use their **fins** to swim in water.

Frogs and ducks use their **webbed feet** to swim.

Whales and turtles use their **flippers** to swim.

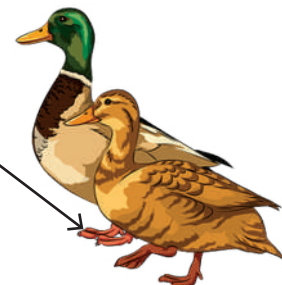


FISH

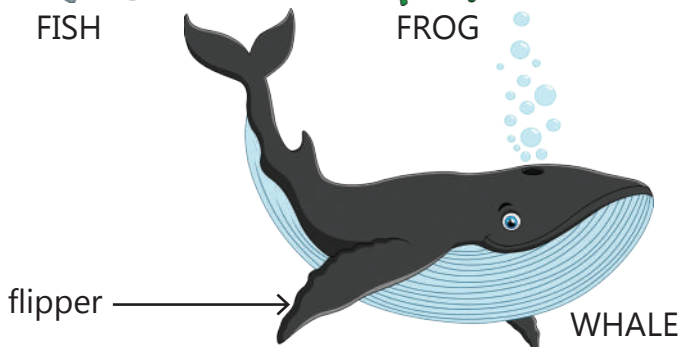


FROG

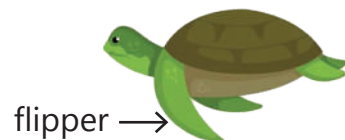
webbed feet



DUCK



WHALE

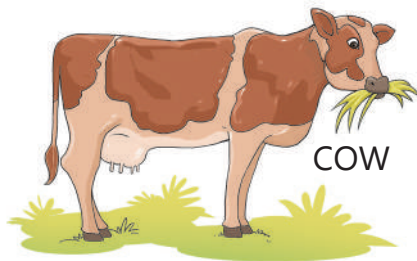


TURTLE

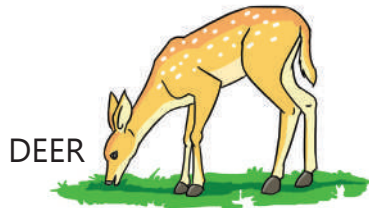


■ WHAT DO ANIMALS EAT? ■

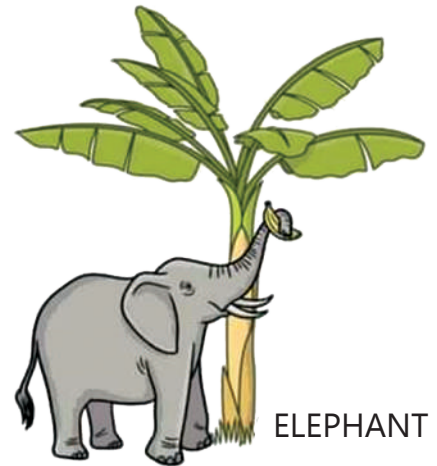
Different animals eat different kinds of food.
Some animals eat only plants.



COW

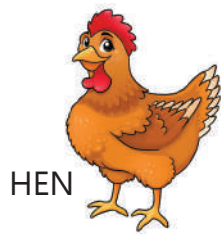


DEER



ELEPHANT

Some animals eat **grains**.



HEN



PIGEON



SQUIRREL

Some animals eat **insects**.



LIZARD



SPIDER



FROG

Some animals eat **flesh** of other animals.



WOLF



LION



JACKALS

Some animal eat both **plants** and other **animals**.



BEAR



CROW



HOTS

Collaboration

What are endangered animals?
Find out the names of a some endangered animals



Key Terms

- **Wild animals:** animals that live in jungles
- **Land animals:** animals that live on land



Chapter at a Glance

- Animals are of different sizes and shapes.
- Some animals live on land, some animals live in water and some animals live both on land and in water.
- Animals that live in forest are called wild animals.
- Animals that help us with our work, give us useful items and food are called domestic animals.
- Animals that we keep in our homes as pets are called pet animals.
- Insects are tiny, six-legged animals.
- Birds are feathered animals.
- Fish live only in water.



PRACTICE TIME

1. Answer the following questions in a sentence.

- What are land animals?
- What are wild animals?
- What is the difference between domestic and wild animals?
- What do wild animals eat?

2. State whether following statements are true or false.

- We can keep a giraffe at home as a pet.
- Wild animals live in jungles.
- The lion is our national animal.
- The crocodile is a domestic animal.
- The cheetah is the fastest land animal.



3. Circle the pet animals.



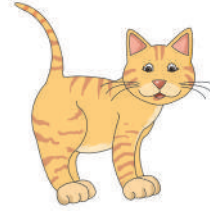
DOG



LION



GIRAFFE



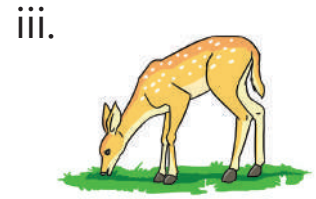
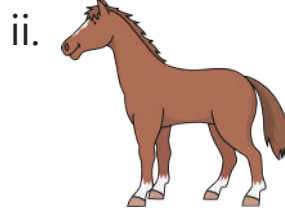
CAT



SNAKE

4. Circle the correct answer.

a. We get milk from.



b. Which of the following is a plant-eating animal?



c. We get honey from



5. Name them:

a. Two animals which eat grains: _____, _____

b. Two animals which eat insects: _____, _____

c. Two animals which eat flesh of other animals: _____, _____

d. Spiders live in: _____, _____

e. Bees live in: _____, _____

6. Fill in the blanks.

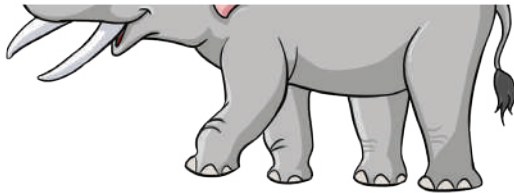
- Cow eats _____ (leaves/insects).
- Squirrel eats _____ (nuts/insects).
- Fish live _____ (on land/in water).
- Birds make _____ (nests/webs) to live in.
- (Goat/Tiger) _____ eats other animals.



Thinking Hat

Critical Thinking

Half pictures of some animals are given. Guess their names.



E _ E _ H _ NT



Z _ B _ A

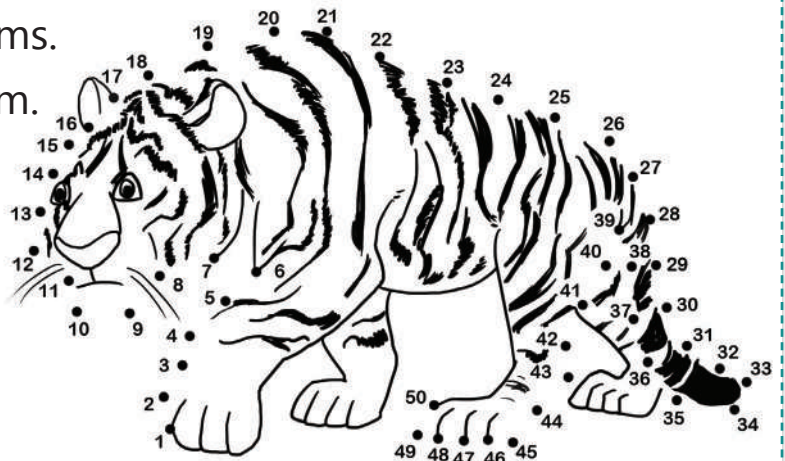


Life Skill

Life Skills and Values

Join the dots to complete the picture.

- Which animal is this? _____
- These animals have become very less in number. How can we protect them? Tick the right option.
 - ☐ We can keep them at our home.
 - ☐ We can keep them in farms.
 - ☐ We should not harm them.





Project

Art Integration

Let us make an animal puppet.

1. Take an ice-cream stick. Colour it.
2. Take hard paper. Draw the face of a wild animal.
3. Ask your parents to cut it out for you.
4. Colour the face of the animal. Stick the face on the icecream stick.



Value Based Question

Life Skills and Values

One day Ravi and his sister went to a Zoo.

Ravi started teasing the animals in the zoo.

He threw pebbles at them.

Ravi's sister saw him doing this.

She was very upset with him.

She scolded and warned him.

Ravi promised that he would never do this again.

Answer the following questions.

1. Is it correct to hit animals? ☐ YES/ ☐ NO
2. Do you think animals also get hurt?

3. What would you do if you find anyone teasing animals?



Time to Connect!

Subject Enrichment

Check the given link to learn more about wild animals.

<https://www.youtube.com/watch?v=Xpoc7KFyGEk>

