



Birds Around Us

Birds are beautiful creatures with feathers, beaks and wings. They can fly, sing sweetly and build nests. Birds live in different places around us-on trees, near water, in gardens and even in our homes. They are our friends and help in many ways.

A. Some common birds are given here. Look at their pictures, read about their features and habits, and try to identify them with the help list given below.

I am a small bird often found near human habitations. I have brown and grey feathers. I eat grains and seeds. I build my nest in holes and roofs.



I am a colourful bird known for my sweet voice. I have bright green feathers and a red beak. I love eating fruits, seeds and flowers. You can often see me on trees.



I am an intelligent bird with shiny black feathers. I eat almost everything-grains, fruits, insects and even leftovers. I live in groups and make loud calls.



I am a white bird that lives near water. I have long legs and a long neck. I eat fish and small water animals. You can see me standing in ponds and lakes.



Info Bit

- Birds help in pollination and seed spread.
- Which bird can you see near your home every day?
- They keep our environment clean by eating insects and waste.
- Let's protect birds and their homes.



Help List

Antarctica
Roar
Dolphin
Pride



Let Me Answer

Why do you think birds are our friends? Which bird can you see near your home every day?





I am a small flying squirrel. I glide between trees using skin flaps between my limbs. I eat fruits, nuts, seeds and buds. I am nocturnal, with big eyes for darkness. I am found in forests of Indonesia, Brunei and Malaysia.



I am an eastern bluebird. I live in open woodlands and forests. I have bright blue feathers on my head and wings and an orange-brown chest. I eat insects, worms and berries. I build my nest in holes of trees and wooden boxes.



Help List

Black flying squirrel Spider monkey Rough green snake Grey treefrog Sloth

B. Try this quiz on arboreal animals. A help list is given to assist you in answering.

1. Name the species of the flying squirrel that is native to India and Pakistan.
2. What is the name of the bird that taps the bark of trees with its sharp beak to eat insects?
3. What is the name of the world's smallest monkey?
4. This most beautiful bird in the world feeds on the ground but roost in trees at night. Name it.



Help List

Pygmy marmoset Golden Pheasant The western woolly flying squirrel Wood pecker

Info Bit

Tree-dwelling animals play an important role in keeping forests healthy. They help in seed dispersal, pollination and controlling insect population.

Let Me Answer

Write the names of any three arboreal animals you like and one special thing about each.



Guide the students to learn about arboreal animals, their habitats and their features. Use pictures for better understanding.





Life in the Ocean

Oceans cover more than 70% of the Earth's surface and are home to a wonderful variety of living things. They provide us with food, oxygen and help in maintaining the balance of nature.

A. let's explore some amazing ocean animals.

1 Dolphin

Dolphins are intelligent and friendly marine mammals. They live in groups called pods. Dolphins use sounds called clicks to talk and find food. They love to swim and often jump high out of the water.



2 Sea Turtle

Sea turtles are ancient creatures that have lived in oceans for millions of years. They have strong flippers to swim long distances. Female turtles come to the beach to lay their eggs in the sand. They eat jellyfish, seaweed and small fish.

3 Clownfish

Clownfish are small, bright fish with orange bodies and white stripes. They live in sea anemones, which protect them with their stinging tentacles. Clownfish are famous for their role in the movie "Finding Nemo".



Let Me Answer

Which marine animal is known for its intelligence and playful nature?
Which ocean animal lays eggs on the beach?





4

Giant Manta Ray

The giant manta ray is the largest ray in the world. It has wing-like fins that can spread up to 7 meters wide. It glides gracefully through the water and feeds mainly on tiny plants and animals called plankton. It is harmless to humans and often comes near the surface.

5

Sea Horse

Sea horses are small marine fish with a unique horse-like head. The male sea horse carries the babies in a special pouch on its belly until they hatch. They live among seaweeds and coral reefs and are excellent at camouflaging themselves to avoid danger.



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Jellyfish



Jellyfish have been around for more than 500 million years! They have soft, umbrella-shaped bodies and long tentacles. Some jellyfish can sting, while others are harmless. Many types glow in the dark, making the ocean look magical at night.

B. Quick Quiz

- Which ocean animal has wing-like fins?
a. Shark ☐ b. Giant Manta Ray ☐ c. Dolphin ☐
- Which marine animal carries the babies in its pouch?
a. Octopus ☐ b. Sea Horse ☐ c. Starfish ☐
- Which sea creature has a soft, umbrella-shaped body?
a. Jellyfish ☐ b. Crab ☐ c. Sea Urchin ☐
- Which of these animals feeds mainly on plankton?
a. Blue Whale ☐ b. Giant Manta Ray ☐ c. Sea Lion ☐



Info Bit

Some jellyfish can glow in the dark using a natural light called bioluminescence.



Teacher Note

Encourage students to learn about ocean habitats and understand why protecting coral reefs and reducing ocean pollution is important.





Plants and Trees

Plants and trees are vital to life on Earth. They provide us with oxygen, food, shelter and medicines. Let us learn about some common plants and trees.

A. Read the clues and identify the plants and trees.

This is a small green herb with tiny leaves. It grows in gardens and in the wild. It has a strong fragrance and is used in medicines, perfumes and for flavouring food. It is commonly used to make tea that helps soothe the stomach and improve digestion.



This is an aquatic plant that grows in ponds and lakes. It has large, round leaves that float on water and beautiful flowers that rise above the surface. It is considered a symbol of purity and enlightenment in many cultures.

This is a very large and long-lived tree. It has a thick trunk and wide spreading branches. Its leaves are shaped like a heart with a long tip. It provides a lot of shade and is considered sacred in many religions. It is often found near temples.



Info Bit

Plants produce oxygen, absorb carbon dioxide, control climate, provide food and medicines, and keep our environment clean.



Encourage the students to plant trees and take care of plants. Help them understand how plants and trees make our planet greener and healthier.





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This is a very large and long-lived tree. It has a thick trunk with many aerial roots that grow down from the branches and form new trunks. It provides plenty of shade and shelter for birds and animals. It is considered sacred in many places and is known as the “Tree of Life”.

**Let Me Answer**

Can you name any five plants or trees?

**Help List**

Neem Tree

Lotus

Rose Plant

Mango Tree

Tulsi Plant

B. Try this quiz and check your knowledge about plants and trees.

- Which leaf is known for its medicinal properties and is often used to make tea?
 - Mint ☐
 - Tulsi ☐
 - Neem ☐
- Which flower is considered a symbol of purity and grows in ponds?
 - Sunflower ☐
 - Lotus ☐
 - Rose ☐
- Which tree is known as the “Tree of Life”?
 - Banyan Tree ☐
 - Coconut Tree ☐
 - Pine Tree ☐
- Which fruit tree is called the “King of Fruits”?
 - Apple Tree ☐
 - Mango Tree ☐
 - Guava Tree ☐

**Info Bit**

Plants are nature’s gift! They provide us oxygen to breathe, food to eat, medicine to stay healthy and beauty to make our world wonderful.



Encourage students to plant and take care of plants and trees. Help them understand how plants and trees make our environment clean, green and healthy.

**GK Explorer - 3**

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Our Environment

Our environment includes everything around us-air, water, land, plants, animals and people.

We must keep it clean, green and safe for a happy and healthy life.

A. Read the clues carefully and identify the following parts of our environment using the help list.

1 I surround the Earth and keep us alive. I am invisible but essential for breathing. I carry clouds and help in the growth of plants.
What am I?

2 I flow in rivers, lakes and seas. I am used for drinking, washing, cooking and farming. Without me, life cannot exist.
What am I?

3 I am the green cover of the Earth. I give us oxygen, fruits, wood and shade. I am home to many birds and animals.
What am I?

4 I am the solid part of the Earth. I support plants, buildings and roads. I give us minerals and a place to live.
What am I?



Info Bit

A healthy environment ensures clean air, pure water, fertile land and happy living for all living things. Let's protect it for a better tomorrow.



Let Me Answer

Why is it important to keep our environment clean and green?
What is your favourite place in nature and why?





5 We are living beings. We include humans, animals, birds, insects and more. We depend on the environment for our survival. Who are we? _____

6 I help in keeping our surroundings clean. I collect waste and take it away. I can be made of plastic or metal. People use me every day in homes, parks, schools and offices. Who am I? _____



Help List

Plants

living things

Garbage Bin

Water

Air

Land

B. What do you know about our environment? Try this quiz and find out.

1. What is the layer of air called that surrounds the Earth?
2. What do plants release that we breathe in?
3. What should we do to keep our environment clean?
4. Name one source of clean water.
5. Why should we save trees?



Info Bit

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Teacher Note

Encourage students to observe their surroundings and understand the importance of each part of the environment. Motivate them to adopt habits that help in its protection. Encourage students to care for their surroundings and take small steps to protect nature. Every small action counts!

