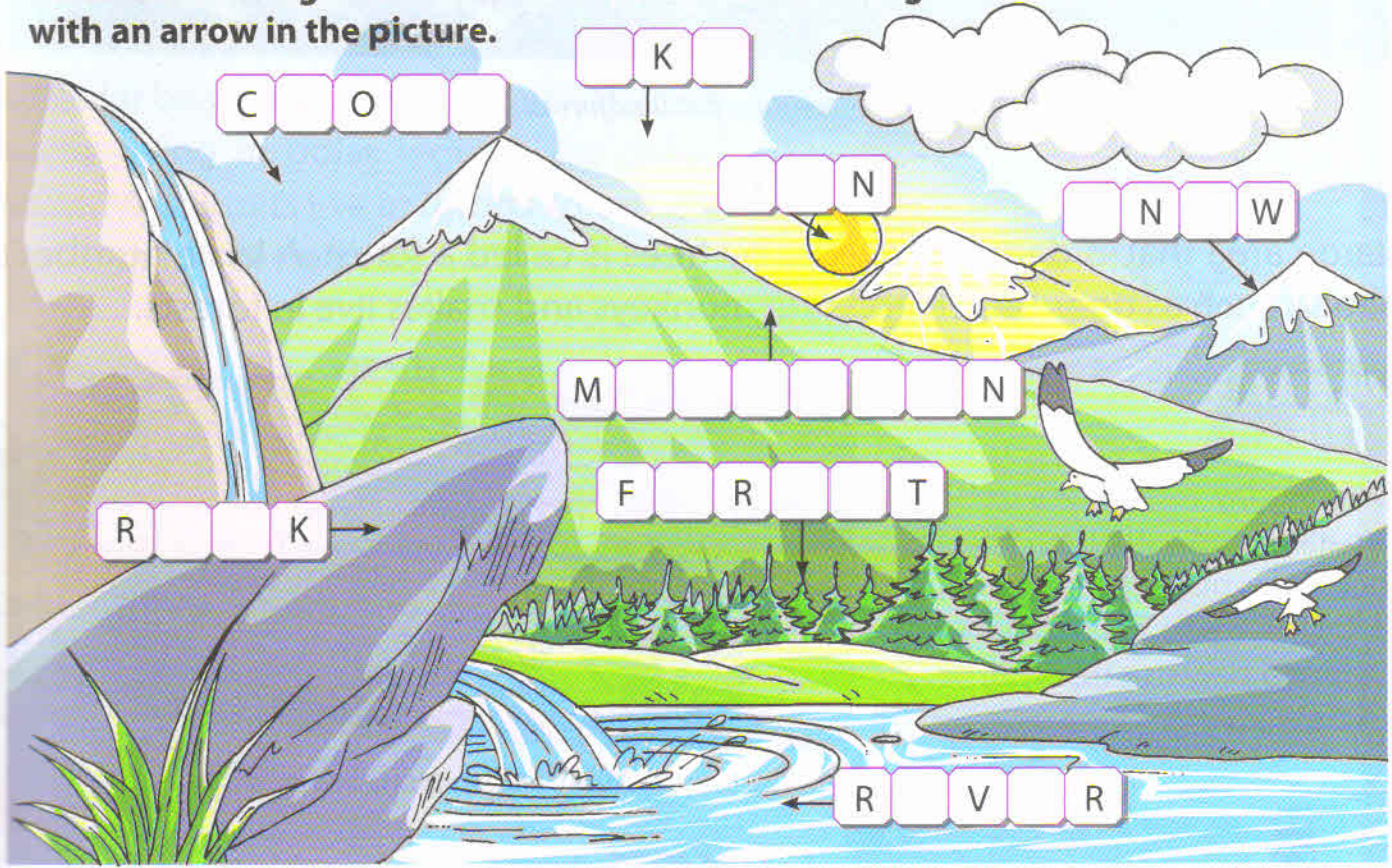


# 1. Our Earth

## Warm Up

Fill in the missing letters and write the names of things marked with an arrow in the picture.



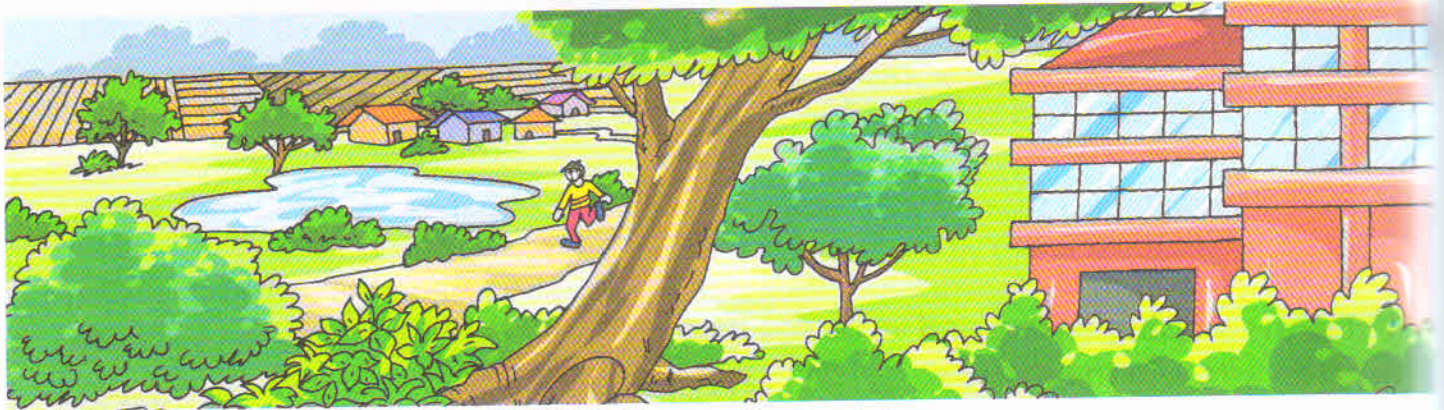
Our Earth is made up of land and water. In some places, the Earth is flat and plain. In other places, it is raised. In most of the places, there is water. All around the Earth, there is air.

## Landforms

Our Earth has different types of landforms. Plains, forests, deserts, hills, mountains and valleys are types of landforms.

## Plains

Plains are vast areas of flat lands. Different kinds of crops can grow here. Many people live here. Most cities, towns and villages are built on the plains.



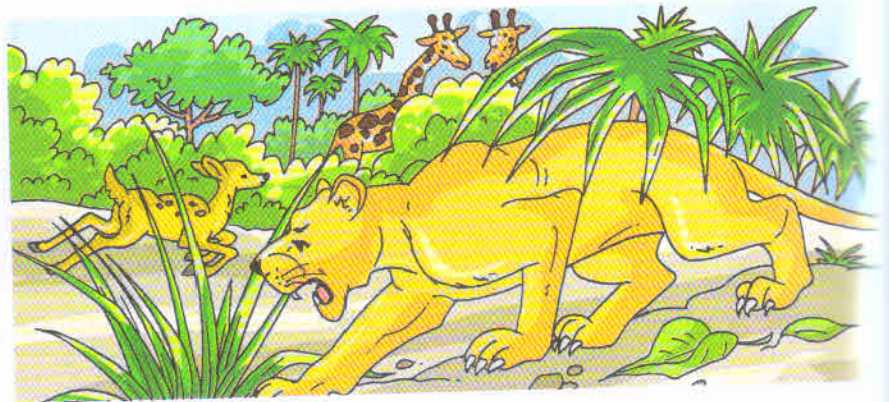
*Plains are flat landforms*

## Forests

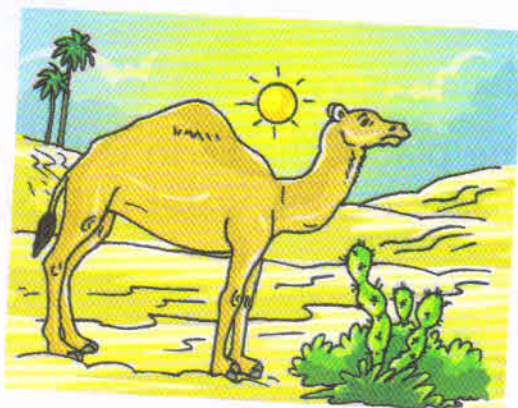
A large area that is densely covered by trees is called a forest. A large number of animals such as tiger, bear, elephants, monkeys and snakes live in forests.

### GREEN TIP

Day-by-day forests are getting smaller and smaller. This is because people are cutting a lot of trees. This should be stopped because trees are very useful to us.



*Many wild animals live in forests*



*Deserts are dry places*

## Deserts

Regions of the Earth that are very dry and sandy are called deserts. Deserts receive very little rainfall. Only a few plants like cactus can grow in deserts. A few animals like camels are found here.

## Coasts

Land areas near the sea are called coasts. There are sandy beaches near coasts. Many people live in coastal areas. Coconut trees grow very well in coastal areas.



Many coasts have sandy beaches

## Polar regions

In polar regions, the land is always covered with lots of snow and ice. Very few plants grow in these areas. Only a few animals like polar bears and seals can survive here. People living in polar regions are called **Inuits**. Most Inuits live in **igloos**. Igloos are houses made of ice slabs.



Most Inuits live in igloos

## Check Point

Fill in the blanks.

- \_\_\_\_\_ receive little rainfall.
- A large number of animals live in \_\_\_\_\_.
- Coconut trees are found in \_\_\_\_\_ areas.

## Activity

Match the pictures to the places where they are found.

Plains

Coast

Desert

Polar region



Seal



Camel



Wheat



Coconut trees

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Coast

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Seal



Camel



Wheat



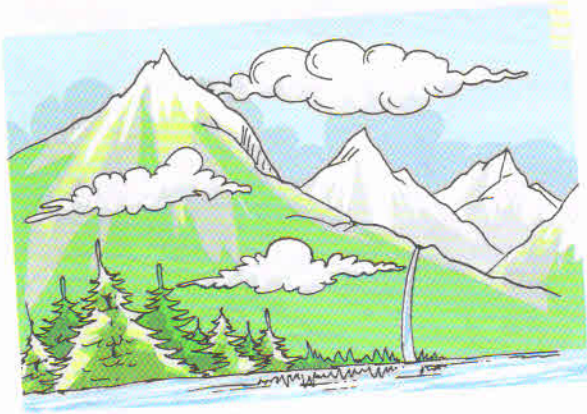
Coconut trees

## Hills

A hill is a place which is higher than the surrounding land. Hilly areas are generally cool and pleasant. It rains very often in the hills. So the houses on the hills have sloping roofs to let the rainwater flow away easily.



*A hill is a high ground*



*Mountains are very high*

## Mountains

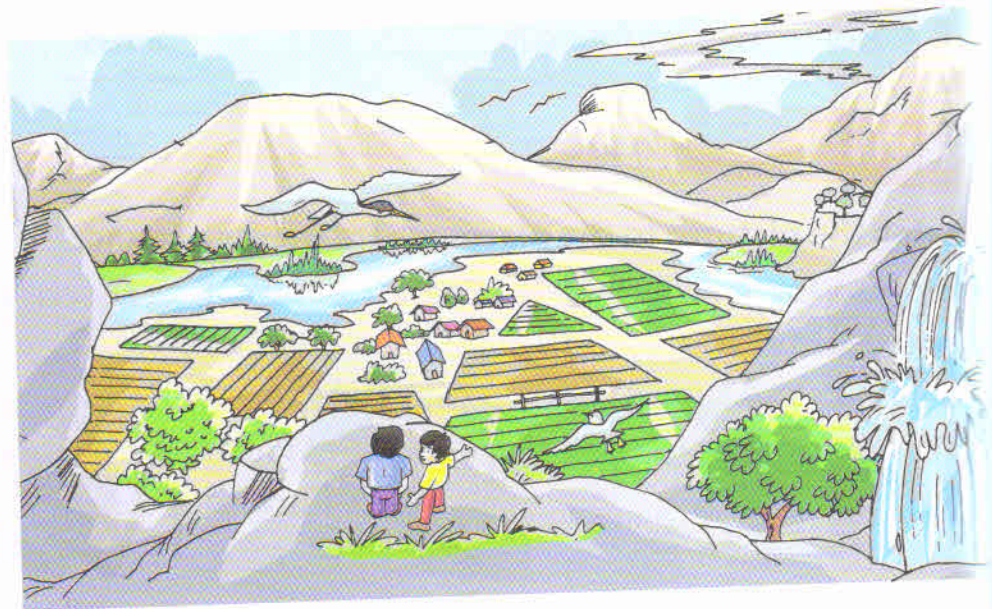
Mountains are much bigger than hills. Some mountains are rocky. Some are full of forests and animals. Some very high mountains are covered with snow. When snow melts, water starts flowing down the mountains. In this way a river is formed.

### DO YOU KNOW?

*The Himalayas are the highest mountain range on the Earth. Mount Everest in the Himalayas is the tallest mountain in the world.*

## Valleys

A long area of lowland that lies between mountains or hills is called a valley. Valleys are good for farming.



*A valley lies between mountains or hills*

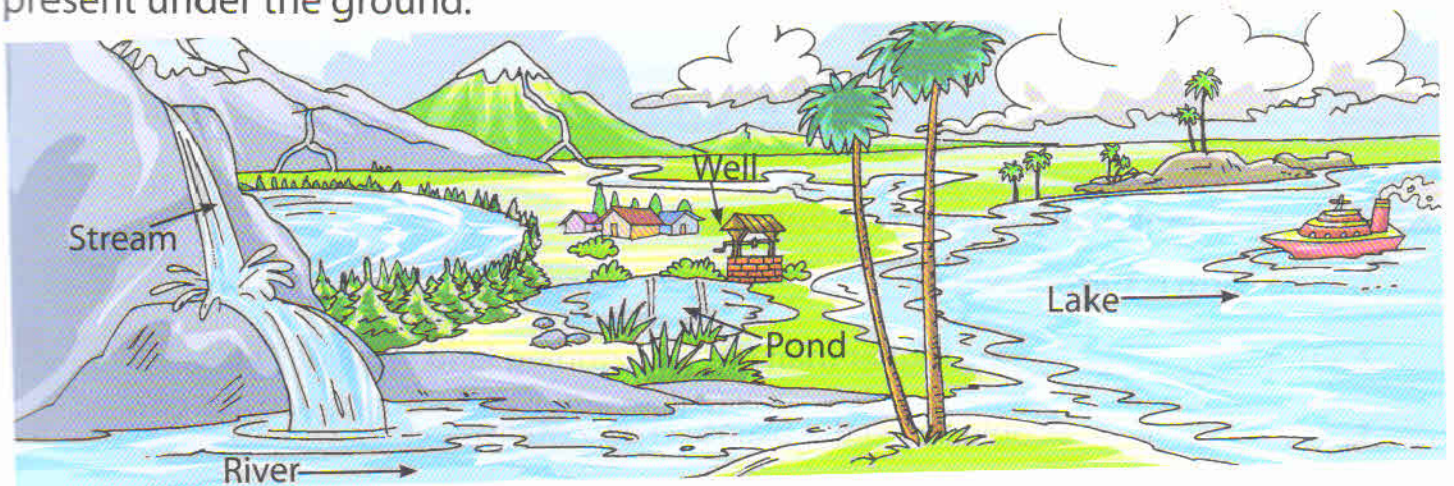
# Water

HEALTH & PHYSICAL EDUCATION



A large part of the Earth's surface is covered with water. Water is very important for us. All living things need water to stay alive.

Most of the water present on the Earth is salty. It is present in vast water bodies called **oceans** and **seas**. Freshwater, which we can use, is present in **rivers, lakes, streams** and **ponds**. A lot of water is also stored as **ice** and **snow**. Water is also present under the ground.



*Different sources of water*

Our Earth has many beautiful things. We should not spoil and destroy the water, air, soil, forests and mountains around us. We must protect our Earth.

## • Check Point •

**Fill in the blanks.**

1. \_\_\_\_\_ are much bigger than hills.
2. The ice houses in which Inuits live are called \_\_\_\_\_.
3. The lowland between two \_\_\_\_\_ is called a valley.

## • Points to Remember •

- The Earth is made up of land and water.
- The Earth is surrounded by air.
- In some places, the land is raised and in some places, the land is low.
- Plains are vast areas of flat lands.
- Deserts are hot and dry lands.
- Very few plants and animals can survive in polar regions.

## New Words

**Crop:** grains, fruits or vegetables grown in large quantity

**Coast:** the land beside the sea

**Season:** the period of the year when a particular type of weather continues for months

**Slab:** a thick, flat piece of solid substance

**Valley:** a narrow lowland between two mountains or hills

## EXERCISES

### A. Fill in the blanks with the correct option.

1. The Earth is surrounded by \_\_\_\_\_. **land / air**
2. The \_\_\_\_\_ are higher than the surrounding land. **plains / hills**
3. \_\_\_\_\_ people live in the plains. **Few / Many**
4. Very few plants grow in a \_\_\_\_\_. **desert / forest**
5. Many \_\_\_\_\_ live in forests. **people / animals**

### B. Tick (✓) the correct answer.

1. Vast areas of flat land are called:  
 a. plains       b. mountains       c. coasts
2. Forests have many:  
 a. people       b. buildings       c. trees
3. Deserts receive:  
 a. heavy rainfall       b. less rainfall       c. heavy snowfall
4. Land area near the sea is called a:  
 a. forest       b. coast       c. polar region

# HOLY TRINITY INTERNATIONAL SCHOOL

Melpalai, Edaicode P.O. K.K. Dist.

Subject: SCIENCE

Grade: II

## Lesson – 1 OUR EARTH

### I. Fill in the blanks with the correct option

1. All around the Earth there is -----, (land/air)
2. High lands are called -----, (plains/hills)
3. -----people live in the plains. ( A few/Many)
4. Very few plants grow in -----, (deserts/forests)
5. Many ----- live in forests. (people/animals)
6. On the coasts, the air is -----, (dry/wet)
7. Coconut trees are found near -----areas. (coastal/desert)
8. Eskimos live in houses made of -----slabs. (cement/ice)

### II. Choose the correct answer.

1. Forests have many -----.  
a. people b. buildings c. trees
2. Deserts have -----.  
a. heavy rainfall b. less rainfall c. heavy snowfall
3. Land area near the sea is called a -----.  
a. forest b. coast c. polar region
4. Igloos are made of -----  
a. cement b. straw c. ice slabs.
5. Polar bears are found in -----  
a. hot place b. cold place c. near the beaches.

### III. Fill in the blanks.

1. Most cities and towns are built in the -----.
2. Large number of wild animals live in -----.
3. Very few plants grow in -----.
4. The ice houses in which Eskimos live are called -----.
5. The lowland between two ----- is called a valley.
6. The ----- is so strong that it can kill an animal with one blow with head.
7. The ----- are the highest mountain ranges on Earth.
8. ----- in the Himalayas is the tallest mountain in the world.
9. Different types of trees growing close to one another are called -----.

### IV. State whether the following statements are True or False.

1. Air surrounds the earth all around.
2. Earth is made of land and water.
3. Deserts are wet lands.
4. Polar regions are suitable for most plants and animals.
5. Plains are vast areas of dry places.
6. In some places, the land is raised and in some places, the land is low.

### V. Match the following.

1. Plain - land near the sea
2. Forest - dry land
3. Coast - trees and animals
4. Desert - flat land

### VI. Answer the following in a sentence each.

1. What is the place between two hills called?  
The place between two hills is called a Valley.



2. What are Plains?  
Plains are vast areas of flat lands.
3. What are coasts?  
The land areas near the sea are called coasts.
4. What are the different sources of water?  
The different sources of water are oceans, seas, rivers, lakes, streams and ponds.
5. Guess who I am:
  - i. I cover most of the Earth's surface. I am \_\_\_\_\_.
  - ii. I am a very big and very high land. I am a \_\_\_\_\_.
  - iii. I am a small high land. I am a \_\_\_\_\_.

**VII. Answer the following in two or three sentences each.**

1. Why do many people live in the plains?  
Many people live in the plains because many different kinds of crops grow there. So, they get plenty of food.
2. What do you see in a forest?  
In a forest, we see many animals and different types of trees growing close to one another.
3. What are deserts?  
The land in some parts of the earth is very dry. It is covered with sand. Such a place is called a desert.
4. Why do only a few people and animals live in deserts?  
The deserts are dry places with very little water. Only a few plants can grow there. Therefore, people and animals find it difficult to live in deserts.
5. Why do houses in hilly areas have sloping roofs?  
It rains very often in the hilly areas. So, the houses on the hills have sloping roofs to let the rain water flow easily.
6. Where do you find most of the water on the Earth?  
Most of the water on the Earth is found in vast water bodies called oceans and seas.

**VIII. Answer in detail.**

1. What would happen if there were no forests on the Earth?  
If there were no forests we would have got no fresh air to breath. We would have got no wood, paper or medicines. There would have been no wild animals. We would have got no food to eat and shelter to live.