

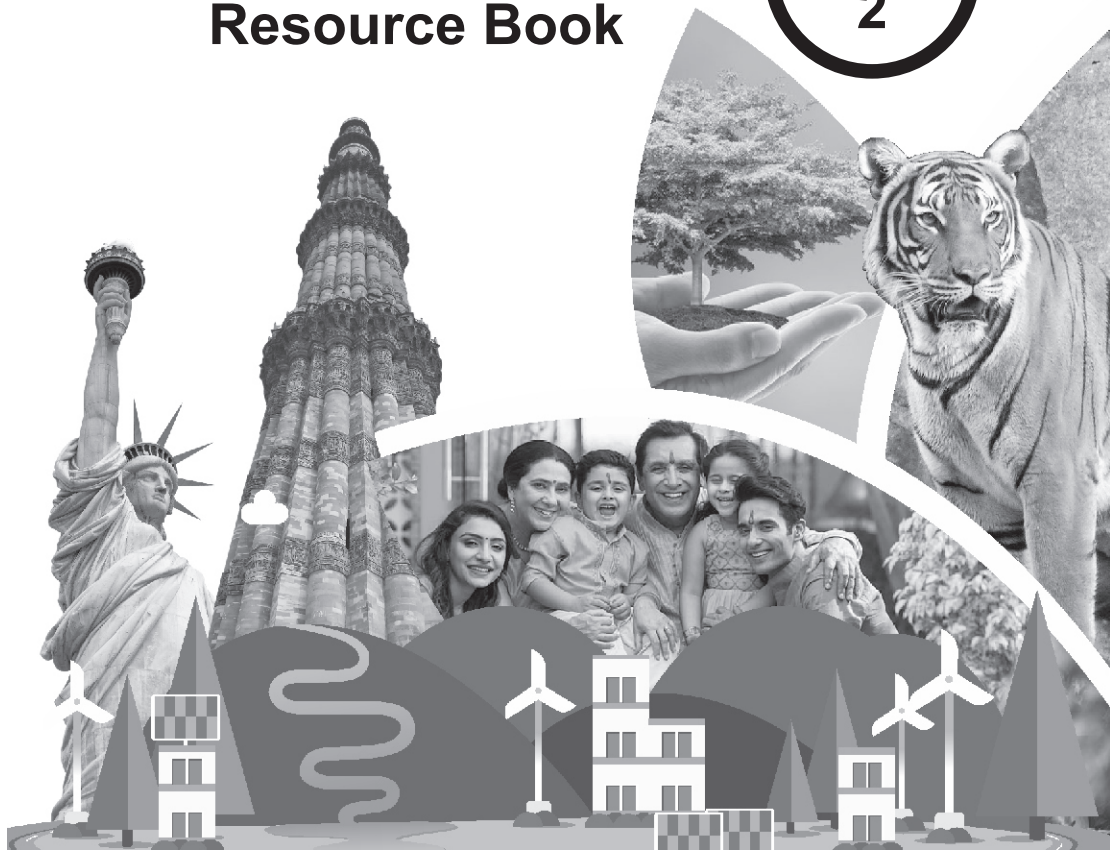


# OUR WORLD

A Book of **Environmental Studies**

**Teacher's  
Resource Book**

**Class  
2**



## Our World-2

### Unit 1 : Me and My Body

#### 1. ABOUT ME

Do it yourself.

#### 2. MY BODY

##### Get Ready

Name the following sense organs of our body :



##### HOTS

Do it yourself.

##### Read and Answer

###### A. How do the following parts of body help us?

1. Eyes help us to see.
2. Nose helps us to smell.
3. Ears help us to hear.
4. Tongue helps us to taste.
5. Skin helps us to feel.

###### B. Fill in the blanks :

1. body, 2. brain, 3. write, 4. feel, 5. foot.

###### C. Write T for true and F for false statements :

1. (T), 2. (F), 3. (T), 4. (F), 5. (F).

###### D. Answer the following questions :

1. Some body parts that help us to know the world around us are called sense organs.
2. Our eyes help us to see.
3. Our ears help us to hear music.

###### E. Write 'Yes' or 'No' :

Do it yourself.

##### Do and Learn

- A. You ask your brother to bring a soft drink bottle. How will you find out whether the soft drink is hot or cold?

By touching the bottle, we can feel whether the soft drink is hot or cold.

**B. How do you know that your EVS period is over?**

By hearing the ringing of the bell, we understand that our EVS period is over.

**Life Skills and Values**

We should take care of our sense organs. Tick (✓) things that we should do and cross (X) the wrong ones :

1. (✓), 2. (✓), 4. (X), 4. (✓).

**3. TAKING CARE OF OUR BODY**

**Warm Up**

Do it yourself.

**Class Assignment**

**A. Name four things that we should not eat (or eat very less).**

Burger, Sweets, Chocolates, Pizza.

**B. Name four things that are good for our health.**

Pulse, Milk, Egg, Fruits

**Read and Answer**

**A. Fill in the blanks :**

1. hands, 2. teeth, 3. milk, 4. clean, 5. dirty

**B. Tick (✓) the children who are exercising :**

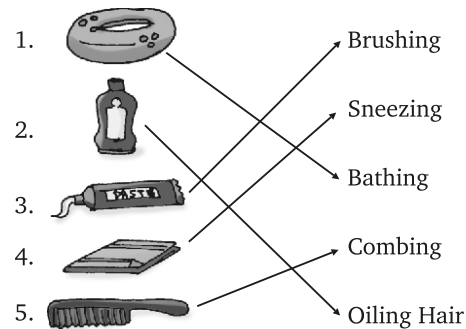


**C. Answer the following questions :**

1. We should clean our hands before eating because if we eat with dirty hands, the germs will enter our body and make us ill.
2. We should sleep for eight hours a day.
3. We should keep our surroundings clean because dirty surroundings make us fall ill.

**Do and Learn**

**A. Following things are used for cleanliness. Match them to their purposes :**



**B.** Do it yourself.

**C.** Do it yourself.

**Life Skills and Values**

**Write four things that we must eat everyday to stay healthy :**

Pulses, Vegetables, Fruit, Egg

**4. GROWING UP**

**Get Ready**

Do it yourself.

**Class Assignment**

Do it yourself.

**Read and Answer**

**A. Fill in the blanks :**

1. Growing, 2. crawl, 3. baby, child, 4. grow

**B.** Do it yourself.

**C. Answer the following questions :**

1. Do it yourself.
2. Do it yourself.

**Do and Learn**

- A. Do it yourself.
- B. Do it yourself.

**Life Skills and Values**

Do it yourself.

**Unit 2 : Our Needs**

**5. FOOD WE EAT**

**Get Ready**

Do it yourself.

**Class Assignment**

Do it yourself.

**Read and Answer**

**A. Fill in the blanks :**

1. nutrients, 2. energy, 3. grow, 4. fibres

**B. Write 'T' for true and 'F' for false statements :**

1. T, 2. F, 3. F, 4. T, 5. T

**C. Answer the following questions :**

1. We need food to live and grow.
2. Different types of food are :
  - (a) Energy giving food. Example is bread.
  - (b) Body bulding food. Example is pulses.
  - (c) Protective food. Example is banana.
3. A vegetarian is a person who eats only plant products and milk products whereas a non-vegetarian is a person who also includes meat, fish and eggs in his diet.
4. Food items which we get from animals are milk, eggs and fish.
5. We need fibre in our diet as it helps in digestion.

**D. Write the names of two food items for the following :**

1. Butter, Cheese
2. Carrot, Radish
3. Spinach, Fenugreek
4. Sugar cane, Potato
5. Egg, Meat

**Do and Learn**

Do it yourself.

**Life Skills and Values**

Do it yourself.

**6. CLOTHES WE WEAR****Get Ready**

Do it yourself.

**HOTS**

We iron our clothes before wearing them because such clothes make us look smart.

**Class Assignment**

Do it yourself.

**Read and Answer****A. Fill in the blanks :**

1. woollen, 2. cotton, 3. sheep, 4. tailor, 4. weaver

**B. What kind of clothes do we wear?**

1. Cotton clothes. 2. Woollen clothes. 3. Raincoat.

**C. Answer the following questions :**

1. We wear clothes to cover our body. They protect us from heat, cold, rain and dust.
2. We get cotton from cotton plants.
3. We get wool from sheep.
4. The weaver weaves cloth on a loom.
5. The tailor stitches the cloth to make our clothes.

**Do and Learn****A. Who am I?**

1. NURSE 2. DOCTOR 3. PILOT 4. POLICEMAN

**B. Do it yourself.****Life Skills and Values**

Do it yourself.

**7. THE FAMILY****Get Ready**

Do it yourself.

**Class Assignment**

Do it yourself.

## HOTS

An extended family comprises of grandparents, parents, uncles, aunts and children who live at different places.

### Read and Answer

**A. Fill in the blanks :**

1. small, 2, joint, 3. teacher, 4. eight, 5. Grandfather.

**B. Write T for true and F for false statements :**

1. F, 2. F, 3. T, 4. F, 5. T

**C. Answer the following questions :**

1. A family consisting of parents and their one or two children is called a nuclear family.
2. A family where parents, grandparents, uncles, aunts and cousins live together in the same house is called a joint family.
3. Do it yourself.
4. Do it yourself.
5. Do it yourself.

### Do and Learn

**A.** Do it yourself.

**B.** Do it yourself.

### Life Skills and Values

Do it yourself.

## 8. A HOUSE TO LIVE IN

### Get Ready

Do it yourself.

### HOTS

A house is a physical structure whereas a home is the place where we live in with our family.

### Class Assignment

Pucca house

Yes

**Name the type of house :**

1. Kuchcha house 2. Igloo 3. Tent 4. Caravan 5. Houseboat 6. Flats  
7. Stilt houses

### Read and Answer

**A. Fill in the blanks :**

1. Houses, 2. mud, straw, 3. tent, 4. ground

**B. Name the following :**

1. Igloo, 2. Caravan, 3. Houseboat, 4. An architect, 5. Painter.

**C. Answer the following questions :**

1. A house protects us from bad weather, thieves and wild animals.
2. Kuchcha houses are weak. They are built with mud and straw.
3. Pucca houses are strong. They are built with bricks and cement.
4. The people who make a house are an architect. The mason, the carpenter, the plumber, an electrician, the painter and the labourers.
5. A multi-storey building has several flats at different floors.

**Do and Learn**

- A. Do it yourself.
- B. Do it yourself.

**Life Skills and Values**

**A. State whether the sentences are true or false :**

1. False, 2. True, 3. True, 4. False, 5. True

**B. Write down three things that are done to keep your home clean :**

1. The house is cleaned and mopped.
2. The furniture is dusted.
3. The waste is thrown in the dustbins.

## 9. OUR FESTIVALS

**Get Ready**

Do it yourself.

**Class Assignment**

**Write the names of the festivals :**

1. Diwali 2. Holi 3. Eid 4. Christmas 5. Durga Puja

**HOTS**

Makar Sankranti, Baisakhi

**Class Assignment**

**Write the dates of :**

1. 15th August
2. 2nd October
3. 26th January

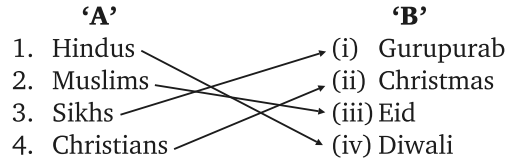
**Read and Answer**

**A. Fill in the blanks :**

1. lights, 2. colours, 3. Christmas, 4. West Bengal.



**B. Match column 'A' with the column 'B' :**



**C. Name any two festivals of :**

1. Eid, Muharram
2. Diwali, Holi
3. Easter, Christmas
4. Gurupurab, Lohri

**Do and Learn**

Do it yourself.

**Life Skills and Values**

Do it yourself.

**10. OUR NEIGHBOURHOOD**

**Get Ready**

Do it yourself.

**Class Assignment**

Do it yourself.

**Read and Answer**

**A. Fill in the blanks using the words given below :**

1. shops, 2. stamps, 3. hospital, 4. bank.

**B. Answer the following questions :**

1. The duty of a policemen is to keep us safe from thieves or bad people.
2. Market, post office, doctor's clinic, police station, fire station and places of worship are the services in our neighbourhood.
3. We deposit our money in a bank to keep it safe. We may take it out whenever we want.
4. We go to a market for buying different things.

**C. Draw lines to match the three columns :**

	Religion	Book	Place of worship
1.	Hindu	Bible	Church
2.	Muslim	Gita	Temple
3.	Sikh	Quran	Gurudwara
4.	Christian	Guru Granth Sahib	Mosque

### Do and Learn

- A. Find eight neighbourhood places in this wordsearch.  
You may go across or down :**

**Across (→)**

CHURCH, MARKET, POST OFFICE, TEMPLE, BANK, POLICE  
STATION

**Down (↓)**

HOSPITAL, MOSQUE

- B. Write the phone numbers of the following :**

Police : 100

Ambulance : 102

Fire station : 101

### Life Skills and Values

**Your mother gave you one hundred rupees to buy some pencils, crayons and notebooks. When you came home, you found that you have twenty rupees more than you should have. What will you do :**

1. Yes, 2. No, 3. No, 4. No

## Unit 3 : The World Around Us

### 11. THE PLANTS

#### Get Ready

Do it yourself.

#### Class Assignment

**Write two examples of the following :**

1. Neem, Mango
2. Rose, Hibiscus
3. Mint, Coriander
5. Pumpkin, Watermelon

#### HOTS

We get tea from leaves and coffee from seeds.

#### Read and Answer

- A. Name two of each :**

- |                      |                         |
|----------------------|-------------------------|
| 1. Wheat, Rice.      | 2. Fenugreek, Cardamom. |
| 3. Coconut, Mustard. | 4. Mango, Banana.       |
| 5. Sunflower, Rose   | 6. Radish, Cauliflower. |
| 7. Jute, Flax.       |                         |

**B. Answer the following questions :**

1. Big and strong plants are called trees.
2. A climber is a plant with a weak stem and needs a support to grow up. On the other hand, a creeper also has a weak stem but it creeps on the ground.
3. We get rubber, wood, medicines, oil and perfumes from plants.
4. Tulsi, eucalyptus and neem plants give us medicine.

**Do and Learn**

Do it yourself.

**Life Skills and Values**

Do it yourself.

## 12. ANIMALS

**Get Ready**

**Write the names of two :**

Wild animals	Domestic Animals	Pet Animals
1. Lion	Dog	Dog
2. Tiger	Cat	Rabbit

**Class Assignment**

**Name the animals :**

1. Cow, Buffalo
2. Horse, Donkey
3. Hen, Duck

**HOTS**

Vultures and kites are called scavengers because they eat dead animals.

**Read and Answer**

**A. Answer the following questions :**

1. Animals that are tamed by us are called domestic animals. Examples are cow and goat.
2. Donkeys, camels and horses carry our loads. They are called beasts of burden.
3. Animals that live in a jungle are called wild animals. Examples are lion, tiger and elephant.
4. Plant-eater animals are called herbivores while meat-eater animals are called carnivores.

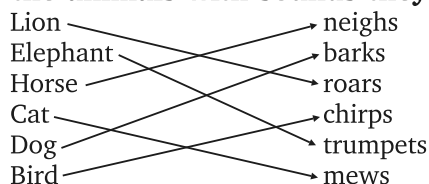
5. We can take care of pet animals by loving them, giving them nutritious food, keeping them clean and taking care of them when they are ill.

**B. Write 'T' for true and 'F' for false statements :**

1. F, 2. F, 3. F, 4. T, 5. F.

**Do and Learn**

**Animals make sounds to express themselves. Match the animals with sounds they make :**



**Life Skills and Values**

**How should we take proper care of our pets? Write.**

We should give clean food and water to our pets and get them examined by a vet (animal doctor) regularly. We should be kind to all animals.

## 13. WATER AND AIR

**Get Ready**

1. Drinking, Bathing
2. Breathing, To inflate balloons

**HOTS**

Clouds are formed when warm and moist air rises up, cools and then expands in the atmosphere.

**HOTS**

Two different kinds of water filters are UV filters and infrared filters

**Class Assignment**

Do it yourself.

**Read and Answer**

**A. Answer the following questions :**

1. We need water to live. Water is used for drinking, cooking, cleaning and washing.
2. Rain is the main source of water. Two other sources are pond and well.

3. Three steps to save water are as follows :
  - (i) Turn off the tap immediately after getting the water we need.
  - (ii) Rain water may be collected and used for watering plants.
  - (iii) Leftover water from water bottles can be used for watering the plants.
4. Clean air is important for us to stay healthy. Dust and smoke make the air dirty.

### Do and Learn

**Look at these pictures and write a sentence about each :**

People are sometimes careless and throw empty bottles, used packets and waste directly into river. Polluted water also carries diseases.

Factories release large amount of smoke into the atmosphere which pollutes the air.

### Life Skills and Values

**Pollution means making the water or air dirty. Write two things that cause pollution and what we should not do.**

#### Things that cause pollution

1. Factories and old running vehicles cause pollution.
2. Garbage thrown carelessly causes pollution.

#### Things we should not do

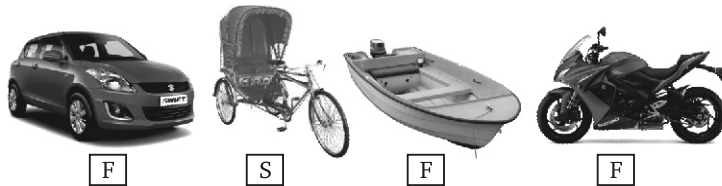
1. Not use old vehicles.
2. We should not cut plants and trees because they help to keep the air fresh.

## Unit 4 : Transport and Communication

### 14. MEANS OF TRANSPORT AND COMMUNICATION

#### Get Ready

Write S for slow and F for fast moving vehicles :



### **Class Assignment**

Do it yourself.

#### **HOTS**

India's first high speed rail line is being constructed between Mumbai and Ahmedabad.

### **Class Assignment**

Do it yourself.

#### **HOTS**

Gugleilmo Marconi invented radio and John Logie Baird invented T.V.

#### **A. Fill in the blanks :**

1. petrol, 2. water, 3. Helicopter, 4. languages, 5. Television.

#### **B. Read the clues and write the means of communication :**

1. Postcard and letters
2. Television
3. Radio

#### **C. Answer the following questions :**

1. Transport means to take or carry people or goods from one place to another by means of a vehicle.
2. Railways play an important role in carrying people and goods and cover very long distances.
3. Airways is the fastest means of transport.
4. The exchanging of information by speaking, writing or using some medium is called communication.
5. We use a computer to send e-mails. On it, we access the internet to get information on any topic.

### **Do and Learn**

**Tick (✓) the means of transport and communication which you may have used :**

1. (✓) 2. (✓) 3. (✓) 4. (✓) 5. (✓) 6. (✓).

### **Life Skills and Values**

**Have you done the following important things ? Write 'Yes' or 'No' :**

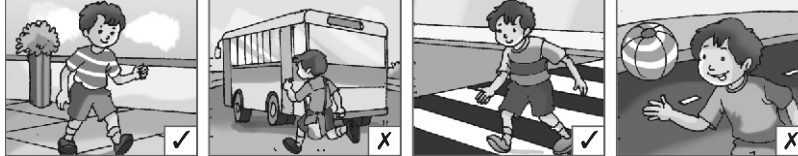
1. No, 2. Yes, 3. Yes.

## 15. SAFETY RULES

### Get Ready

Do it yourself.

### Class Assignment



### Read and Answer









#### A. Fill in the blanks :

1. footpath, 2. play, 3. zebra, 4. queue, 5. stairs

#### B. Answer the following questions :

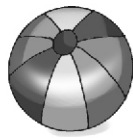
1. We must follow safety rules to ensure our safety.
2. Children should play in the park or a playground.
3. Road signs are signs which are displayed on the road. These are meant for our safety.
4. We should not touch electric switches or wires with wet hands.

#### C. Match the road signs with their meanings :

1.			5.	
2.		School Ahead	6.	
3.		No Parking	7.	
4.		No Right Turn	8.	
		No Horn		
		No Entry		
		No U-turn		
		Pedestrian Crossing		
		One-way Traffic		

### Do and Learn

Put a cross (X) or the things which we should not play with :



### Life Skills and Values

Do it yourself.

## 16. NATIONAL SYMBOLS

### Get Ready

Do it yourself.

### HOTS

The time taken to sing our National Anthem is 52 seconds.

### Class Assignment

Tiranga Lotus Peacock

### Read and Answer

#### A. Fill in the blanks :

1. Tiranga, 2. Rabindranath Tagore, 3. respect, 4. love

#### B. Answer the following questions :

1. Our national flag has three colours, saffron, white and green.
2. The word 'Satyamev Jayate' means 'Truth Alone Wins'.
3. The national emblem has been taken from the Ashokan Pillar at Sarnath.



The picture of emblem shows three lions on the top and a wheel or Chakra at the bottom. Besides, we can see a galloping horse on the right side and a bull on the left side.

### Do and Learn

Do it yourself.

**Match the colours on the left with their meanings on the right.**

Green	→	Sacrifice and courage
Saffron	→	Truth, justice and peace
Blue	→	Prosperity
white	→	Progress

## Unit 5 : Environment Around Us

### 17. WEATHER AND SEASONS

#### Get Ready

cloudy    rainy    hot    cold    windy    stormy

#### Class Assignment

Do it yourself.

#### Read and Answer

##### A. Fill in the blanks :

1. Weather, 2. Sun, 3. seasons, 4. cool, 5. rain

##### B. Answer the following questions :

1. Weather is the condition of air on the earth while a season is a period in a year when the weather stays the same for several days.
2. Three seasons in our country are as follows :  
Summer, Monsoon and Winter
3. Seasons affects the clothes we wear, the food we eat, the way we travel and the things we do.
4. Monsoon is important for us because rainwater fills rivers, lakes, ponds and wells. New plants and grass grow and makes farmer's crop to grow well.
5. Do it yourself.

#### Do and Learn

A. Do it yourself.

B. Do it yourself.

#### Life Skills and Values

Do it yourself.

## 18. THE EARTH

### Get Ready

round, an orange

### HOTS

Three R's are Reduce, Reuse and Recycle.

These help to reduce the amount of waste. They also help to conserve natural resources and energy.

### Read and Answer

#### A. Write one word for each :

1. Waterbodies, 2. Atmosphere, 3. Valley.

#### B. Answer the following questions :

1. The shape of the earth is round.
2. Sandy dry land is called desert.

### Do and Learn

Do it yourself.

### Life Skills and Values

**Keep the earth clean and green. Write two things that we should do to save it :**

- (i) We should conserve water, wood and paper.
- (ii) We should grow more trees and plants.

## 19. DIRECTIONS AND TIME

### Get Ready

Do it yourself.

### Class Assignment

Do it yourself.

### HOTS

As India is 11.5 hours ahead of America. Thus when it is day time in India, it will be night in America.

### Read and Answer

#### A. Tick (✓) the correct option :

1. (a) east, 2. (b) west.

#### B. Write 'T' for true and 'F' for false statements :

1. T, 2. F, 3. T, 4. T, 5. F.

**C. Answer the following questions :**

1. East, West, North and South are four main directions.
2. The shadow is shortest at noon time.
3. We see moon and stars in the sky at night.

**Do and Learn**

Do it yourself.

**Half-Yearly Test Paper  
(Based on Chapter 1 to 10)**

**A. Fill in the blanks :**

1. clean, 2. function, 3. cotton, 4. balanced, 5. vegetarians.

**B. Write 'T' for true and 'F' for false statements :**

1. T, 2. F, 3. F, 4. T, 5. T

**C. Write two examples of each :**

1. Heart, Brain
2. T-shirt, Shorts.
3. Meat, Pulses
4. Kuccha house, Pucca house
5. Diwali, Dussehra

**D. Answer the following questions :**

1. Exercises to stay healthy are running, cycling and swimming.
2. Tailor stitches our clothes.
3. A balanced diet is the one which has all the types of food items in correct proportion.
4. A family consisting of parents and their one or two children is called a nuclear family.
5. Houses are people living around our home consist of our neighbourhood.

**Annual Test Paper**  
**(Based on Chapter 11 to 19)**

**A. Fill in the blanks :**

1. milk, 2. trees, 3. River, 4. air, 5. footpath

**B. Write 'T' for true and 'F' for false statements :**

1. T, 2. F, 3. T, 4. F, 5. T

**C. Write two examples :**

1. Cow, Goat, 2. Rail, Car, 3. Radio, Television, 4. Summer, Dinner, 5. Trees, Plants

**D. Answer the following questions :**

1. At home, we must follow the given safety rules :
    - (a) Do not play with match sticks and sharp objects.
    - (b) Never run up or down the stairs.
  2. Farmers wait for the monsoon season so that their fields may be irrigated.
  3. In our national flag, saffron colour signifies 'sacrifice and courage', white colour signifies 'truth, justice and peace' and green signifies prosperity.
  4. East, West, North and South are the four directions.
  5. In the day time, we see the sun and the clouds in the sky.
-