

About the Chapter

- Globe
- Oceans
- Continents
- Map
- Directions in maps

2

Forms of the Earth

As you all know our earth is very big. We cannot see the whole earth at one time. So, we make a small model of the earth, which shows the real shape of the earth. It is called a **globe**.

Globe

It is a small model of the earth. It is spherical like the earth. Just the way the earth moves on its axis, the globe can also be rotated. At a time only one part of the globe can be seen. To see the other part of the globe, it has to be turned around. In the given picture, both parts of the globe can be seen.



Globe

Interesting Fact

- The first globe was made by Martin Beham of Nuremberg, Germany in 1492. The world's biggest globe : 'Langois Globe' was made in France in 1824. Its diameter was 39 metres.

Look at both the parts carefully. The blue coloured part shows water and the yellow part shows land.

Oceans

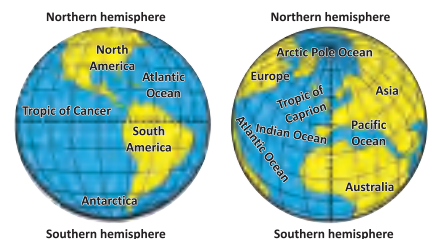
The very large body of water on the earth is called an **ocean**. Earth has five oceans – the Pacific Ocean, Atlantic Ocean, Indian Ocean, Arctic Ocean and the Antarctic Ocean. The Pacific Ocean is the largest and deepest ocean.

Continents

The very large parts of the land on the earth is called a **continent**. Earth has seven continents – Asia, Europe, Africa, North America, South America, Australia and Antarctica. India lies in **Asia**.

Map

The globe is very useful for us. But there are some



Both the parts of the earth on a globe

Interesting Fact

- The area of the Pacific Ocean, the largest ocean in the world, is 16,53,84,000 sq. km.
- The Atlantic Ocean is the world's smallest ocean.

Interesting Fact


- Asia is the largest continent while Australia is the smallest.
- Indonesia is made up of 13,000 islands.



World : Continents and Oceans

difficulties in its use. A map removes these difficulties. A map is the layout of the earth made on a flat surface. It may be of the whole earth or a part of it. It can also be folded or rolled up. Look at the map of Asia given below. A map can be carried anywhere easily.

A map may be small or big. A book of small sized maps is called an **atlas**. Maps which can be hung on the wall are called **wall maps**.

 **Remember**
Before making a house, its layout has to be passed by the local authorities.



Asia Political



Directions in Maps

As we all know, there are four directions – the east, west, north and south. In a wall map, the north is at the top, the south is at the bottom, the east is on the right and the west is on the left. All the maps show the directions in the same manner.



Learnt by Now



- The globe is a small model of the earth.
- A very large body of water on the earth is called an ocean.
- There are seven continents and five oceans on the earth.
- A map can be made of any place.
- In a map, the north is at the top, the south at the bottom, the east on the right and the west on the left.



Exercise



A. Tick (✓) the correct answer : (MCQs)

- | | | | |
|--|-------------------------------------|-----------------------------------|---------------------------------|
| 1. What is the model of the earth called ? | (a) Globe <input type="radio"/> | (b) Map <input type="radio"/> | (c) Ball <input type="radio"/> |
| 2. What is the large body of water called ? | (a) River <input type="radio"/> | (b) Well <input type="radio"/> | (c) Ocean <input type="radio"/> |
| 3. What is a large piece of land called ? | (a) Continent <input type="radio"/> | (b) Village <input type="radio"/> | (c) City <input type="radio"/> |
| 4. In a map, which direction is at the top ? | (a) East <input type="radio"/> | (b) North <input type="radio"/> | (c) West <input type="radio"/> |

B. Write answers to the following questions :

1. What is a globe ?
2. How many oceans does the Earth have ? Write their names.
3. What is a continent ? How many continents are there on the earth ?
4. What is a map ? Why is it easy to use ?
5. How are the directions shown on a map ?

C. Fill in the blanks :

1. Just like the earth, a _____ can also be rotated.
2. The _____ Ocean is the largest ocean in the world.



3. The _____ is the smallest continent in the world.
4. A map is made on a _____ surface.
5. India lies in _____.

D. Write True or False :

1. The whole earth can be seen on the globe at the same time.
2. The Atlantic Ocean is the world's largest ocean.
3. The land part of the earth is divided into very big pieces.
4. Australia is the world's smallest continent.
5. A map can be carried from one place to another very easily.

E. Write the following :

1. The area of the Pacific Ocean
2. The number of islands in Indonesia
3. The countries in Asia
4. The book of small-sized maps
5. The direction to the left of the map

■ Creative Task 

1. Look at the map of Asia and find out the names of India's neighbours.
2. In the outline map of the world given below, colour the continents in yellow and the oceans in blue.

