

Girls' High School & College, Prayagraj

Worksheet 1

Session 2020-2021

Class 5 A-F

Social Studies

Ls.1 Know Your Planet

Instructions -

Parents are expected to ensure that the child reads the lesson for two days, understands and then answers the given questions -

Our Earth is a unique planet. It is the only planet in the solar system that has water and air. Our Earth has land masses and water bodies. The large land masses are called continents. The large water bodies are called oceans.

SHAPE OF THE EARTH

In ancient times, people believed that the Earth was flat and had steep edges. Ferdinand Magellan, a Portuguese explorer, sailed around the world and proved that the Earth is round. Pictures taken from space have also proved that the Earth is like a *sphere*. It is round, but slightly flattened at the top and at the bottom.

WHAT IS A GLOBE?

To study the Earth we need its model. A globe is a simple and accurate model of the Earth. It shows the distribution of land and water on the surface of the Earth. We can also see the correct shape, size and location of the continents and oceans on a globe. But, we cannot always use a globe to study the Earth. This is because-

- . a large globe is difficult to carry around.
- . a globe is small and all the details of a place cannot be shown on it.
- . we cannot make a globe for a part of the Earth.
- . only one half of the Earth can be seen at a time on a globe.



A globe

MAPS



A map is a representation of the Earth's surface or a part of it on a flat surface . The word 'map' comes from the Latin word *mappo* , which means a napkin. **Gerardus Mercator**, a Flemish map-maker , was the first to publish a collection of maps in the form of a book. A book of maps is called an **atlas**.

We can draw maps on a flat surface to show continents, countries, cities and even a neighbourhood. You can draw a map of your school and show all the details on it. In this way a map is better than a globe.

However, the Earth is spherical in shape and its surface is curved. A curved surface cannot be shown correctly on a flat surface such as paper. Try to cover a ball with a sheet of paper without creasing it. You will not be able to do it. So, it is not possible to make an accurate map of a curved surface. However, small areas can be represented fairly accurately on maps. This makes maps useful tools to study the Earth.

Types of maps

There are different types of maps. **Physical maps** show the physical features of a place such as mountains, plateaus, plains and rivers. Countries, states and their capitals are shown on **political maps**. General information about climate and rainfall of a region is shown in **climatic maps**. Besides these, there are maps that tell us about the industries, population, transport, minerals, crops, soil, natural resources, forests and wildlife of a region. (2)

Fill ups-

- 1.Our Earth is a unique_____.
- 2.The large land masses are called _____.
3. Ferdinand Magellan was a _____ explorer.
- 4.A model of the Earth is called a _____.
- 5.The Earth is like a _____.

State true or false-

- 1.Earth is not the only planet that has water and air .
- 2.We can always use a globe to study the Earth.
- 3.Earth is slightly flattened at the top and the bottom.
- 4.The large water bodies on the Earth are called oceans.
- 5.Only one half of the Earth can be seen at a time on a globe.

One/Two word answer-

- 1.A book of maps is called- ?
- 2.The first person who published a collection of maps- ?
- 3.Which map gives general information about the climate and rainfall of a region?
- 4.An object that is completely round, such as a ball-?
- 5.A representation of the Earth on a flat surface-?

Short Questions-

- 1.How was it proved that the Earth is spherical in shape?
- 2.How is a globe useful to us ?
- 3.Draw and colour-

A globe

(3)

END