

## Class-V

### Subject-Social Studies

#### The Earth

The Earth is a unique planet .It is the only planet in the solar system that has life. The Earth has huge water bodies and Land masses.71% of the Earth's surface is covered with water, the rest 29% is land.

The Earth is slightly flattened at the opposite ends which makes it spherical in shape.

#### Continents and Oceans:-

Asia, Africa, North America, South America, Antarctica, Europe and Australia these are called Continents.

#### Oceans:-

Pacific Ocean, Atlantic Ocean, India Ocean, Southern Ocean and Arctic Ocean.

#### How the Earth Moves?

While standing on the Earth, we cannot say that it is moving. Instead we feel that the Sun, the Stars, and the Moon is moving.

The fact is, that our Earth is moving and very fast too.

#### The Axis of the Earth

The Earth is round like a ball, Slightly flattened at the two opposite ends. Imagine a line passing through the centre of the Earth and through the two flat ends. This imaginary line is called the Earth's Axis.

The tip of the axis at the top is called the north pole and the tip at the bottom is called the south pole. The Earth's axis is tilted about 23.5° from the vertical position.

**Rotation:-** The Earth moves around its axis. This movement is from west to east. It makes a complete turn on its axis in 24 hours. The movement of the Earth on its axis is called rotation. This movement causes day and night. One half of the Earth faces the Sun, While the other half faces away from the sun. The half that faces the sun, gets light and experiences day. The other half experiences night as it gets no light from the sun.

**Revolution:-** The Earth moves around in its orbit. It moves in the anti-clock wise direction. This movement of the Earth around the sun is called revolution. It takes the Earth 365 1/2 days to go around the sun once.

The season occurs because of the revolution of the Earth.

Example:- 1) How much time earth takes to do one rotation on its axis?

Ans:- 24 Hours

2) What will happened if the Earth was not rotating?

Ans:- One half has day all the time and the other half has night all the time.

**Q.A Fill in the blanks.**

- 1) The Earth's axis is tilted about ..... From the vertical position.
- 2) The season are caused by the ..... of the Earth.
- 3) The Earth moves on its axis from ..... to .....
- 4) The Earth takes ..... days to move once around the sun.

**Q.B Tick the correct alternative.**

- 1) The revolution of the Earth is clockwise / anti-clock wise.
- 2) The rotation / revolution of the Earth causes days and nights.
- 3) An orbit / axis is the path of a planet as it revolves around another heavenly body.
- 4) The movement of the Earth on its axis is called rotation / revolution.

**Q.C Match the following by writing the correct letters in the brackets.**

- |               |  |
|---------------|--|
| 1) North pole | ( ) causes day and night               |
| 2) Rotation   | ( ) caused by revolution               |
| 3) Seasons    | ( ) covered 71% of the Earth's surface |
| 4) Oceans     | ( ) tip of the Earth's axis at the top |

**Q.D Answer the following questions.**

- 1) What is the Earth's axis?
- 2) How are season caused?
- 3) What causes day and night?
- 4) How many continents are there, write their names.
- 5) Write the five Oceans name.