

CLASS :V

SUBJECT : (SOCIAL SCIENCE)

CHAPTER NUMBER: 3

CHAPTER NAME : Movements of the Earth

SUBTOPIC : Rotation of the Earth, Revolution of the Earth, cont.

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

Children will come to know about-

- How seasons occur on earth?**
- How the different position of the earth affect the seasons of the earth?**

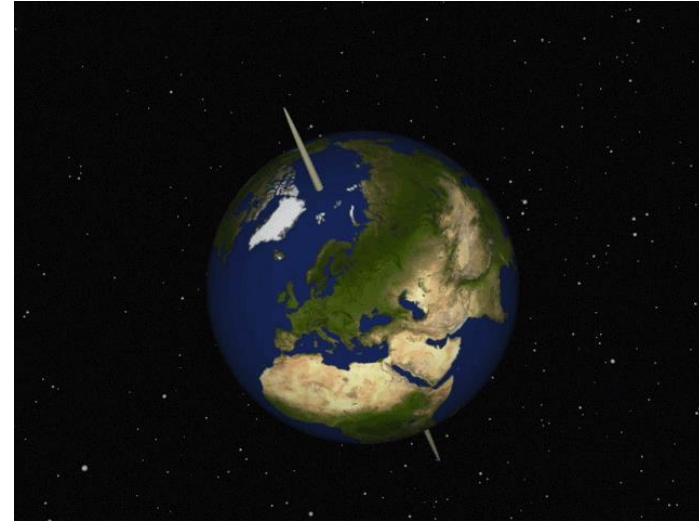
RECAPITULATION:

The Earth moves in two different ways.

- **Rotation**
- **Revolution**

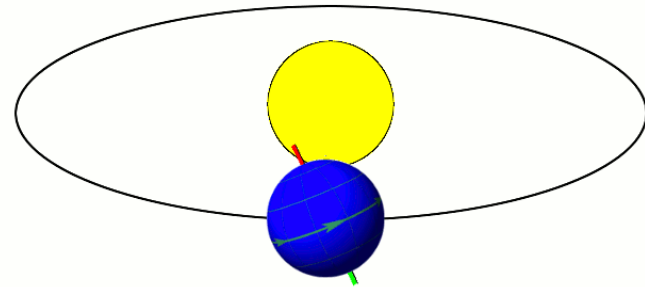
ROTATION:

The spinning motion of the Earth on its axis in west-east direction is called rotation. (Causes day and night)



REVOLUTION:

The movement of the Earth around the Sun in a fixed orbit is called revolution. (Causes different seasons)

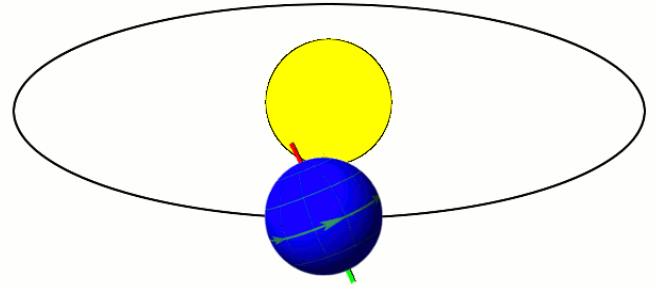


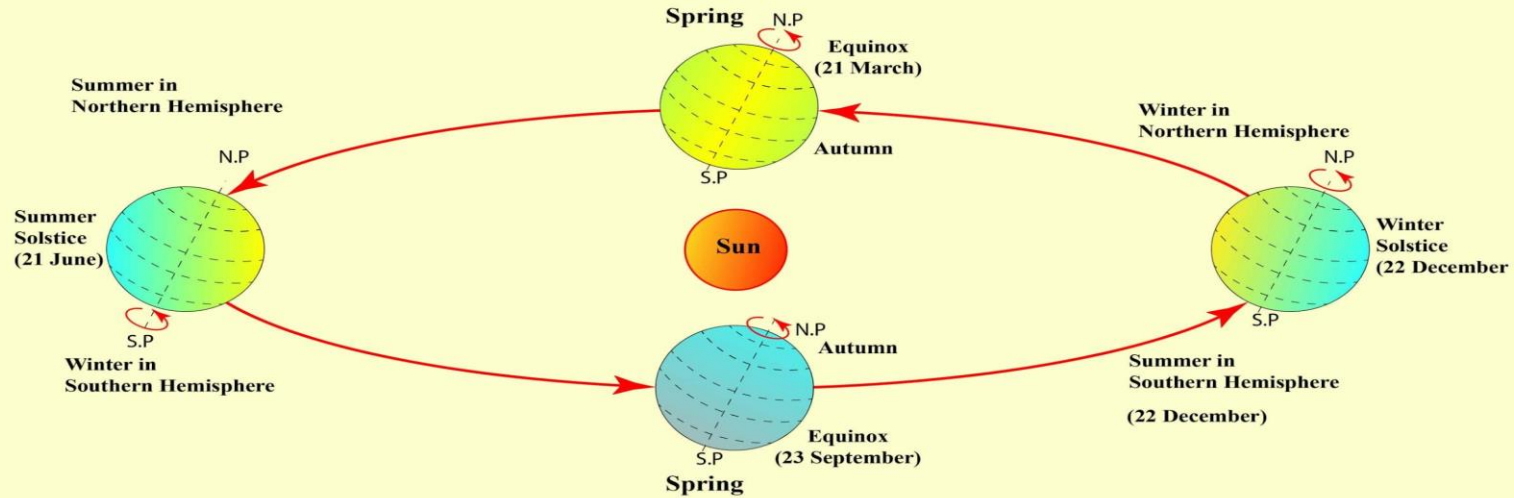
REVOLUTION:

The earth moves around the sun in an oval-shaped **orbit**. This motion of the earth is called **revolution**. The earth takes $365\frac{1}{4}$ days to complete one revolution. This is one year. A year is divided into twelve months and in these months we experience varied seasons. There are four main seasons that the earth experiences - summer, autumn, winter, and spring.

DID YOU KNOW?

All planets revolve around the sun. The shortest revolution period is of Mercury.

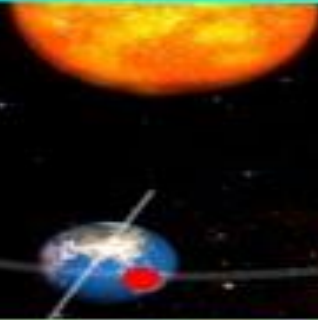




Revolution of Earth

SUMMER AUTUMN WINTER SPRING

Earth's Revolution Movement



HW

Draw the diagram of the globe showing day and night in the notebook.

REVISION:

I. Choose the correct answer:

1. What is movement of earth around sun called?

- a. Rotation
- b. Revolution
- c. Spinning
- d. None of these

REVOLUTION

2. How many types of motions does earth have?

- a. Zero
- b. One
- c. Two
- d. Three

TWO

3. Earth spins around its own.

- a. Mars
- b. Stars
- c. Axis
- d. Moon

AXIS

4. Earth rotates from:

- a. North to east
- b. South to west
- c. East to west
- d. West to east

WEST TO EAST

5. Earth's one rotation takes ____ hours.

- a. 36
- b. 12
- c. 24
- d. 365

24 HOURS

II. Write in one word:

- 1. An imaginary line along which our earth spins. **AXIS**
- 2. A fixed path along which a planet rotates around the sun. **ORBIT**
- 3. Half of the earth, below or above the equator. **HEMISPHERE**
- 4. A network of lines crossing each other to form squares or rectangles. **GRID**
- 5. Imaginary lines drawn on the globe that run parallel to the equator. **LATITUDES**

SUMMING UP:

- **Revolution**
- **Seasons are caused by the revolution of the earth.**

LEARNING OUTCOME:

Children will be able to know -

- The meaning of revolution.
- How and why seasons are caused on the earth.

THANKING YOU
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