

WELCOME TO THE ONLINE CLASS

SESSION NO: 6

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 11

CHAPTER NAME: EARTH AND ITS NEIGHBOURS

SUB TOPIC: MOVEMENT OF EARTH : ROTATION

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

Learner will able to

- Know about the movement of our planet earth.
- Define the term rotation as it relates to the earth's movement.
- Understand the causes of day and night due to rotation of earth.

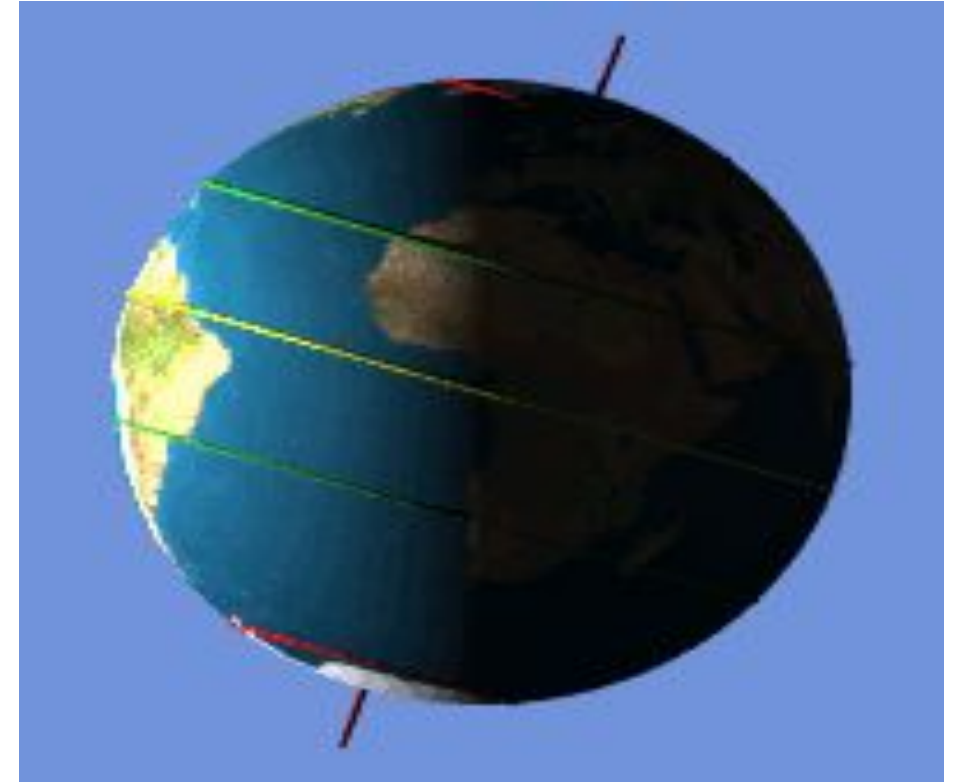
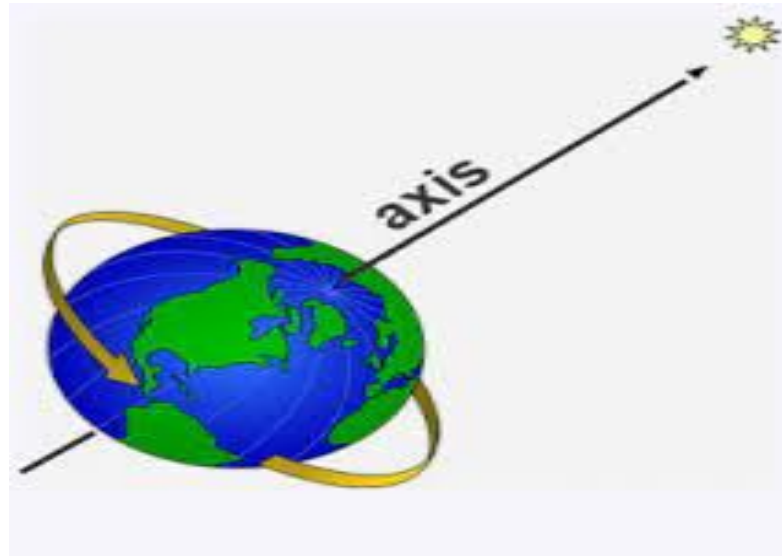
RECAPITULATION

1. A volcano is an opening in the earth's crust through which _____ comes out.
2. Why do volcano erupt?
3. What is volcano made up of?
4. What is the difference between lava and magma?
5. Volcano can be active, dormant and _____.



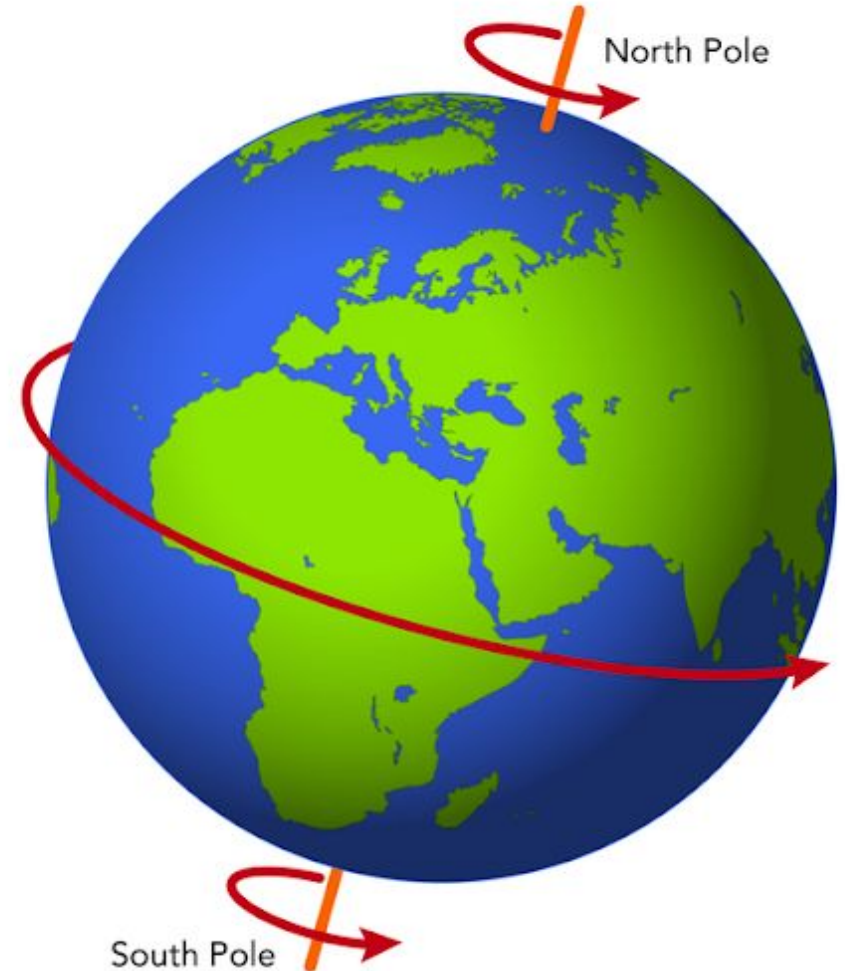
MOVEMENT OF THE EARTH

- The earth moves on its axis.
- The axis of earth is an imaginary line that runs through the centre of the earth.



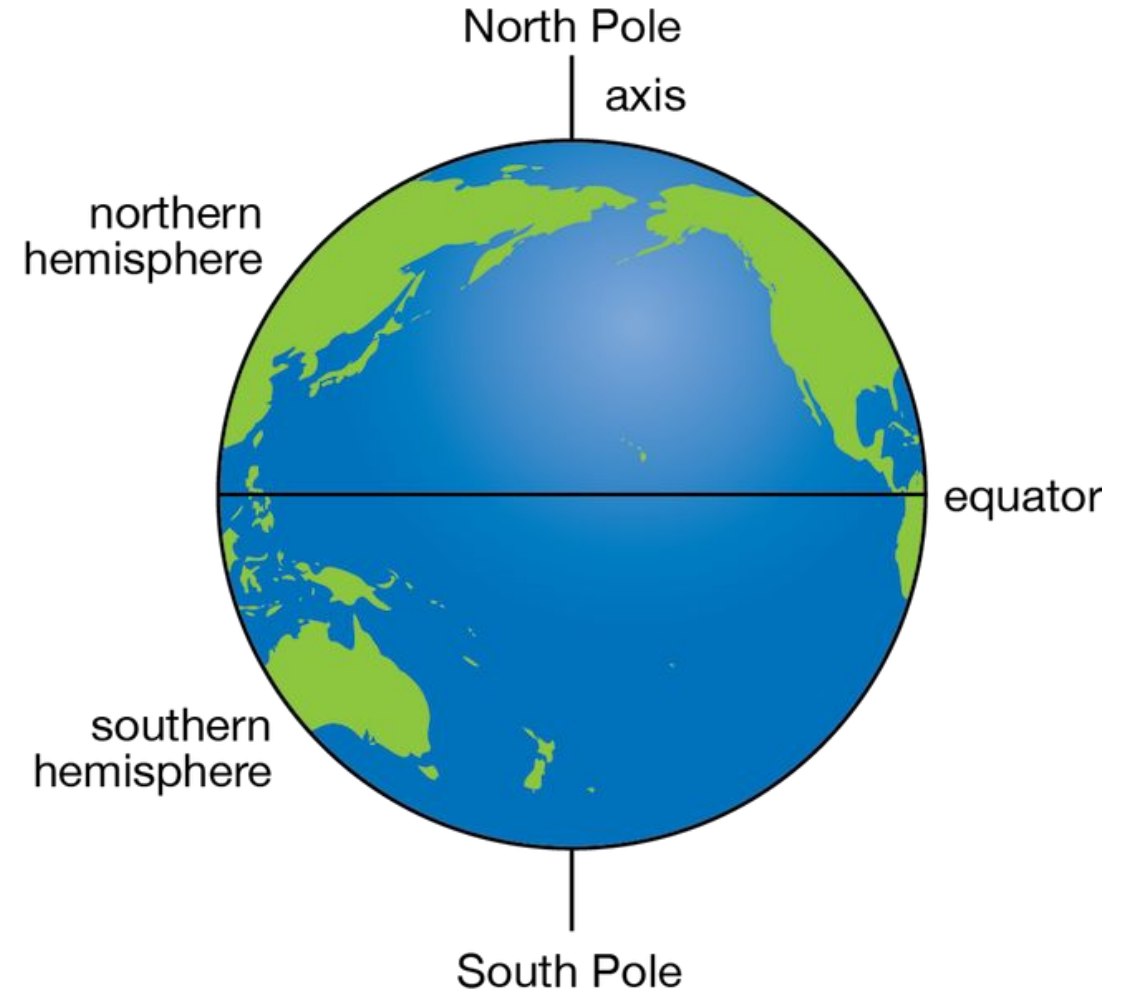
MOVEMENT OF THE EARTH

- This axis is slightly tilted.
- The two points where the axis seems to enter are called the poles: the North Pole and the South Pole.



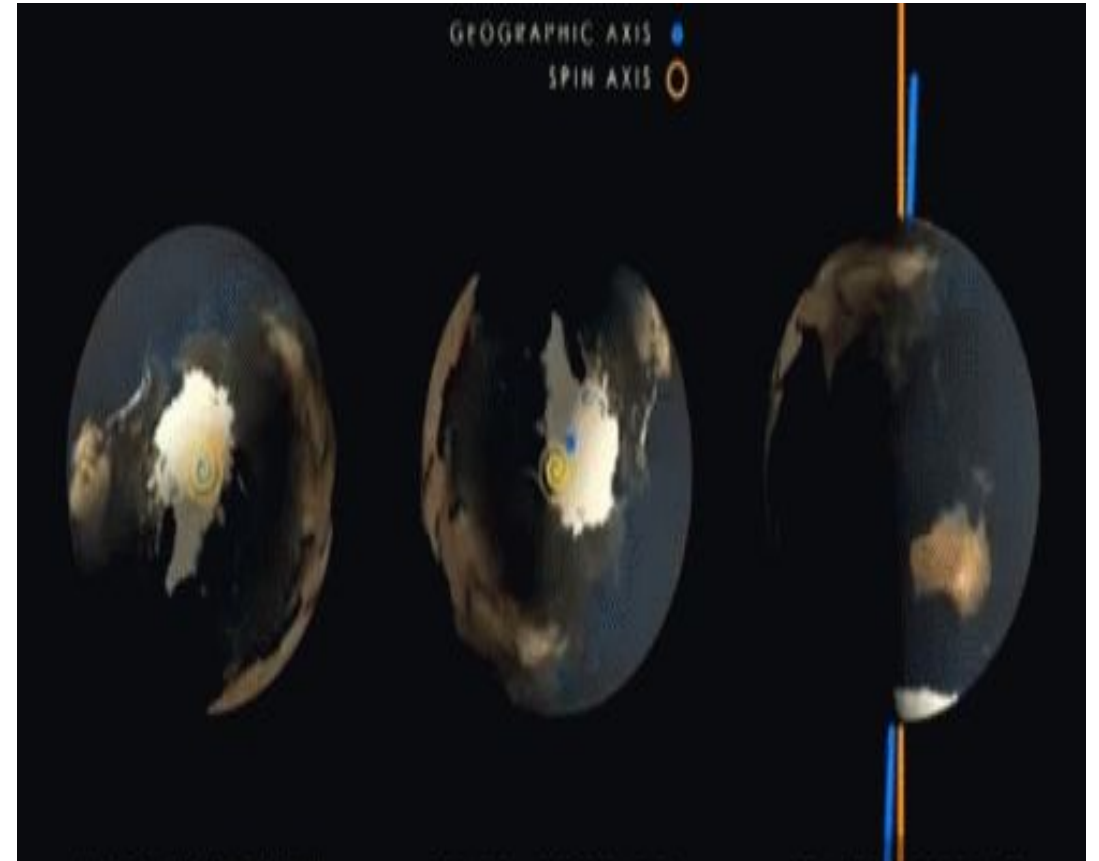
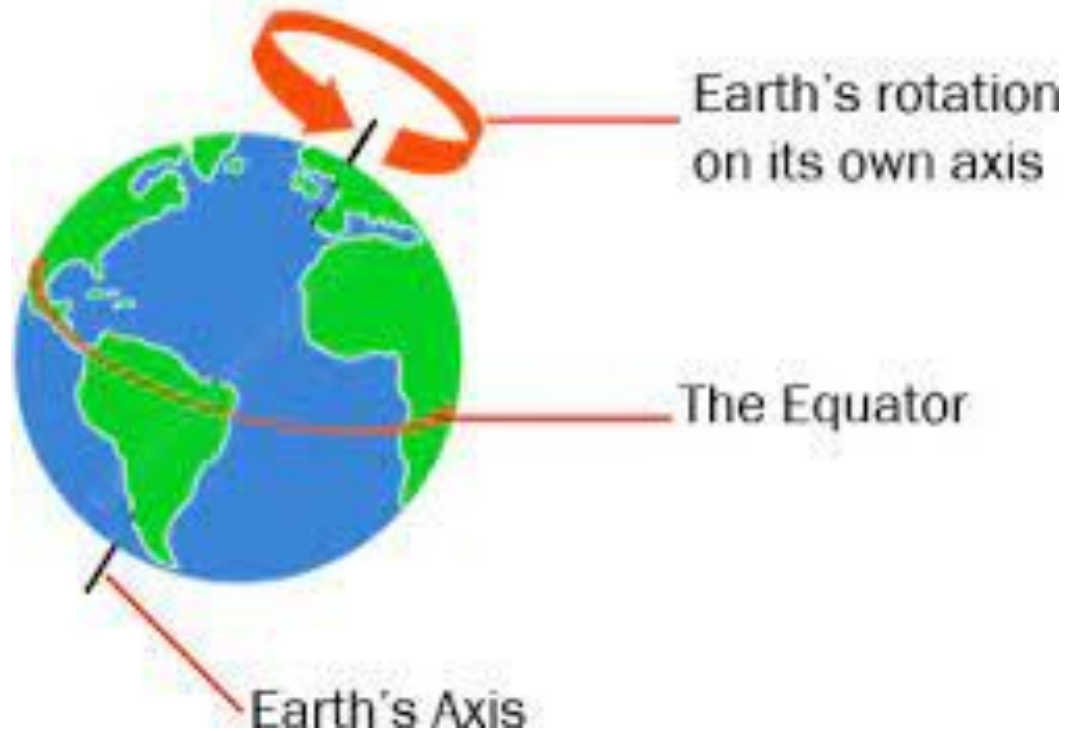
EQUATOR

- The equator is another imaginary line around the earth, exactly halfway between the poles.
- It divides the earth into two equal halves, the Northern Hemisphere and the Southern Hemisphere.



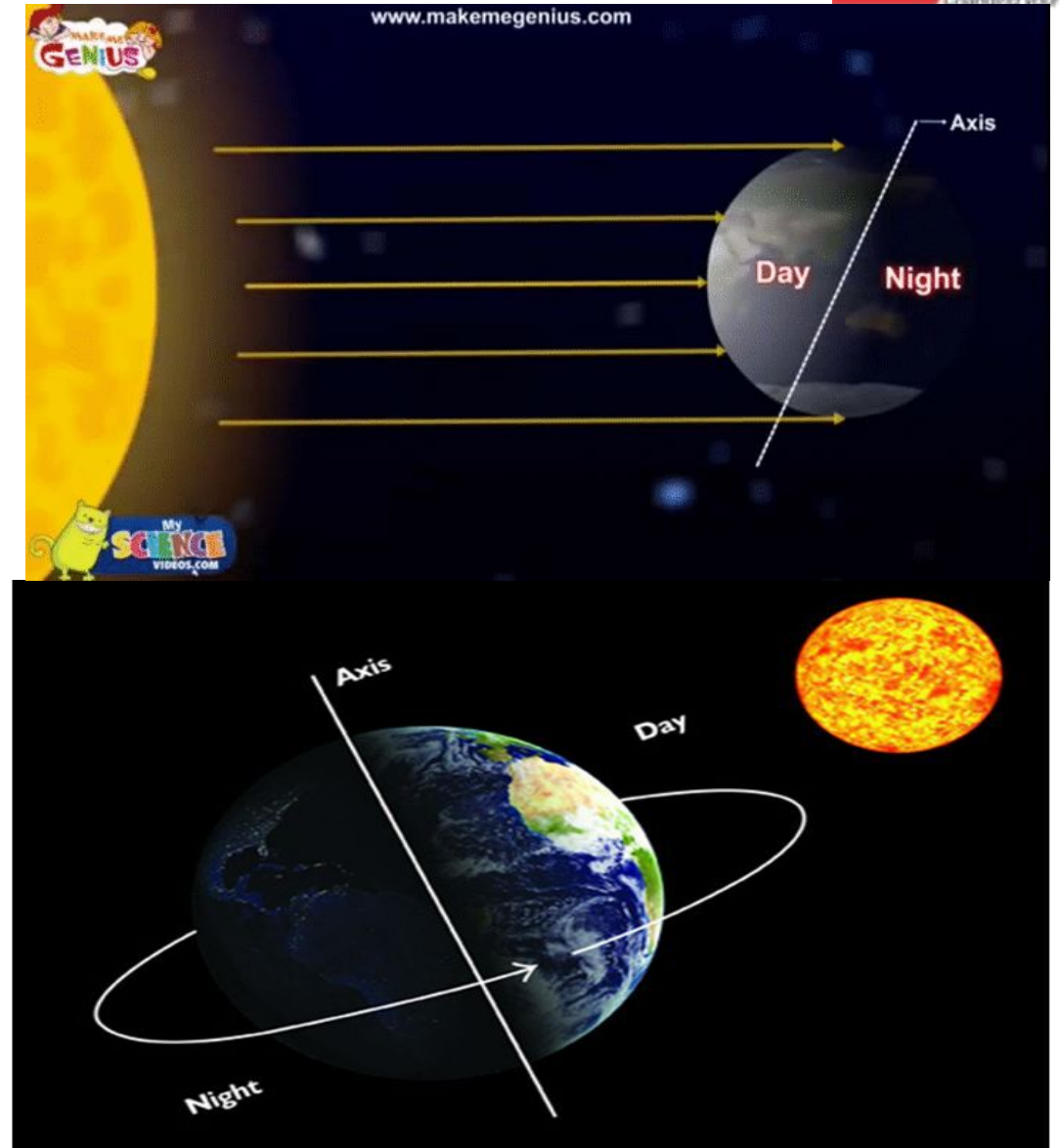
EARTH'S ROTATION

- The movement of the Earth on its axis is called rotation.

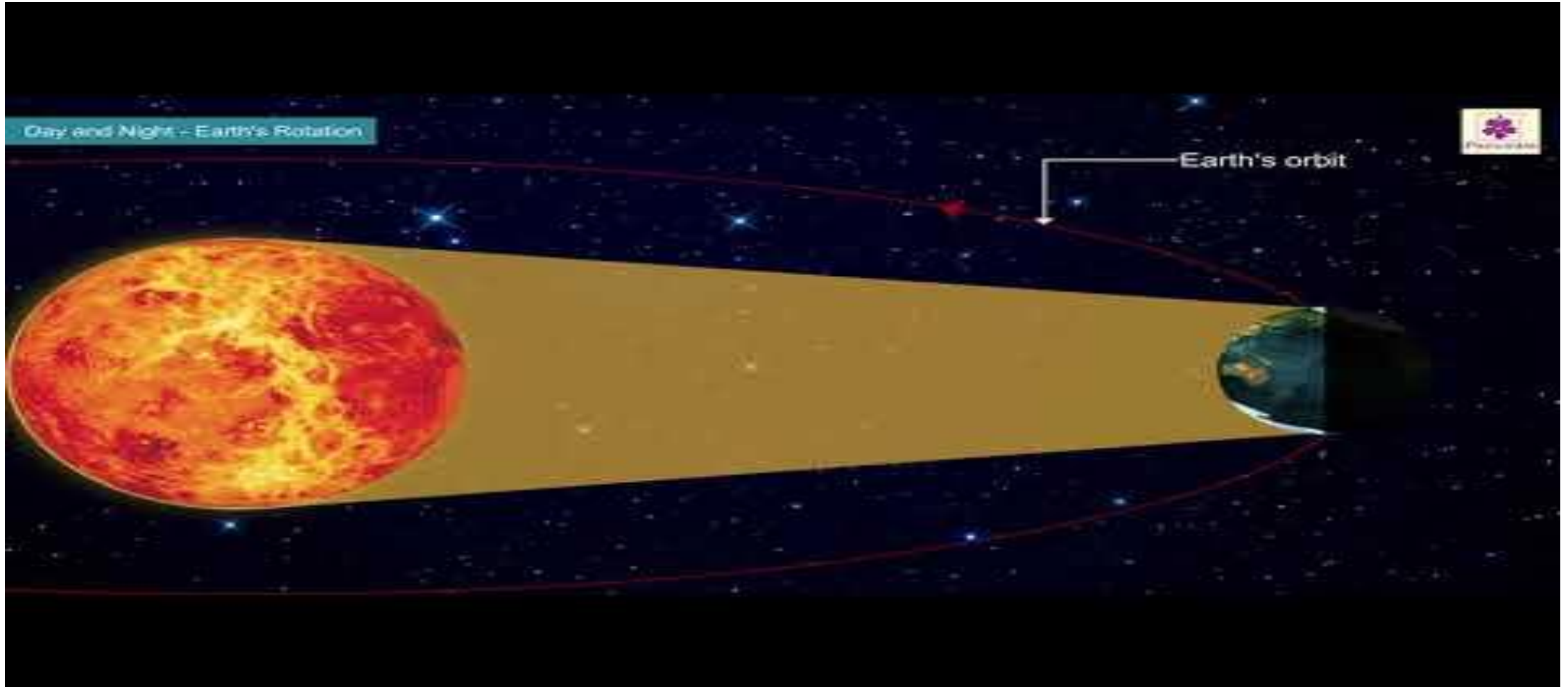


CAUSES OF DAY AND NIGHT IN EARTH

- The earth take 24 hours to complete 1 rotation.
- The day and night are caused due to earth's rotation on its axis.
- When 1/2 of the earth is facing towards the sun, then it is day and the 1/2 part opposite to the sun causes the night.



LET'S SEE AND UNDERSTAND



SUMMARY

- **The axis of earth is an imaginary line that runs through the centre of the earth.**
- **The two points where the axis seems to enter are called the poles: the North Pole and the South Pole.**
- **The equator is another imaginary line around the earth, exactly halfway between the poles.**
- **The earth take 24 hours to complete 1 rotation.**

QUIZ TIME!!!

1. The earth take _____ to complete one rotation.

Ans: 24 hours

2. The movement of the Earth on its axis is called _____ .

Ans: rotation

3. The _____ is another imaginary line around the earth, exactly halfway between the poles.

Ans: equator

Homework



HOMework

- **Draw a labelled diagram of rotation of the earth causes day and night in your notebook.**

LEARNING OUTCOME

Learner will able to

- **Know about the movement of our planet earth.**
- **Define the term rotation as it relates to the earth's movement.**
- **Understand the causes of day and night due to rotation of earth.**

THANKING YOU
ODM EDUCATIONAL GROUP