

MOTIONS OF THE EARTH

SUBJECT : (GEOGRAPHY)
CHAPTER NUMBER: 3 PERIOD-3
CHAPTER NAME : MOTIONS OF THE EARTH

CHANGING YOUR TOMORROW

MOTIONS OF THE EARTH

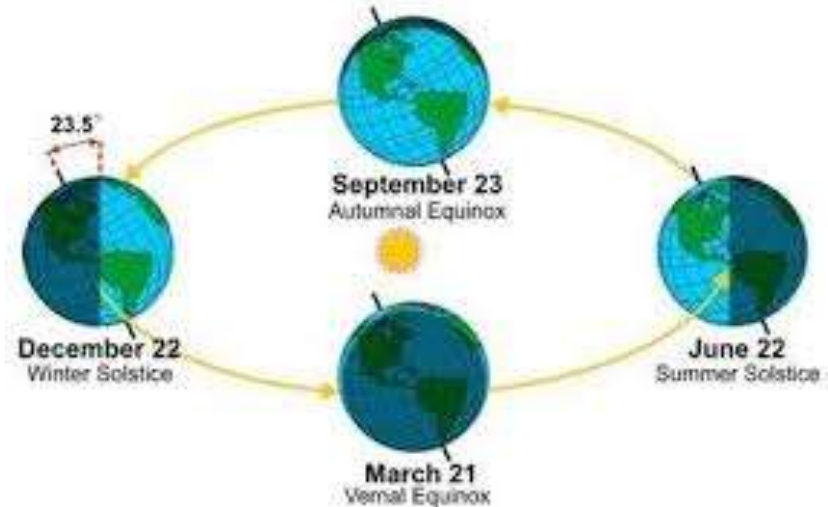
LEARNING OBJECTIVES

- Rotation
- Effects of the earth's Rotation
- Revolution
- Earth's Orbit
- Seasons
- Solstice- Summer and Winter Solstice
- Equinoxes- Spring and Autumn Equinox

MOTIONS OF THE EARTH

SOLISTICE

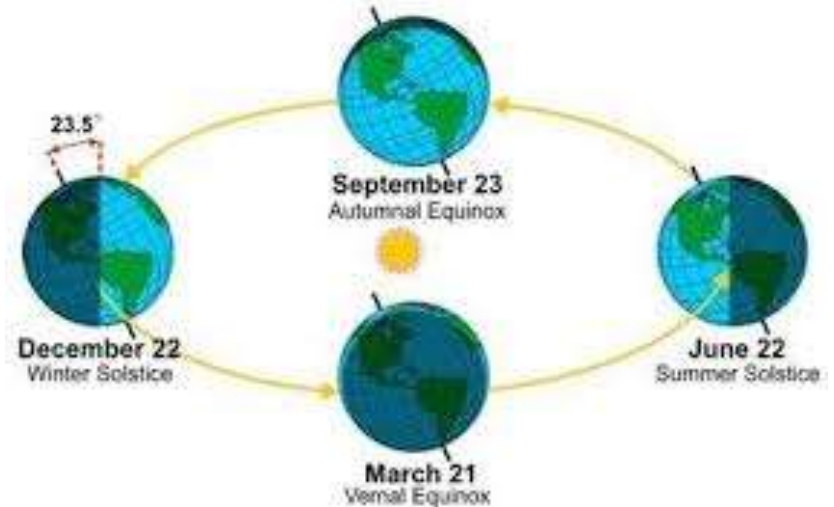
- When the Sun is furthest distance from the Sun both the sides it is called a solstice. There are two solstices.
- **The summer solstice**:-It is also known as Northern solstice. It occurs on 21 June every year. During summer solstice:-
- The tilt of the North Pole is maximum towards the Sun.
- The Tropic of Cancer to be the closest towards the Sun.
- The Northern Hemisphere gets longer days.
- Days are longer and summer season is at its peak.



MOTIONS OF THE EARTH

SOLISTICE

- **The Winter Solstice:-** The winter solstice is also known as the Southern solstice. It occurs on 22 December each year. During the winter solstice:-
 - The tilt of the South Pole is maximum towards the Sun.
 - The North Pole is farthest from the Sun.
 - The Tropic of Capricorn is closest to the Sun.
 - The Southern Hemisphere gets longer days.



THANKING YOU
ODM EDUCATIONAL GROUP