

VIDYA BHAWAN,BALIKA VIDYAPEETH

SHKATI UTTHAN ASHRAM, LAKHISARAI. 811311

LEARNING MATERIAL AND ASSIGNMENT 2021—2022

CLASS 6th , SUB.—SOCIAL SCIEDNCE. DATE – 09/06/2021 . S.T.-AMRESH KUMAR

GEOGRAPHY (Ch. – 3)

CHAPTER NAME: MOTIONS OF THE EARTH

IMPORTANT TERMS

- **Circle or line of the illumination :** - the line which separates the areas having day from that having night or darkness.
- **Leap year :-** is a year having 366 days one extra day is added to the month of February making it 29 days.
- **Solstice :-** the position of the earth when the sun science directly on of the tropics. It is the summer solstice on June 21st (tropic of Cancer) and winter solstice (tropic of Capricorn) on December 22nd .

- **Equinox :-** the position of the earth when the sun shines directly on the equator and all places on the earth have equal days and equal nights. This occurs on March 21 and September 23 .
- **Inclination of the earth axis :-** the tilting of the earth's Axis at an angle of $66 \frac{1}{2}^{\circ}$ to the plane of its orbit or at an angle of $23 \frac{1}{2}^{\circ}$ to its vertical .
- **Elliptical orbit :-** the oval shaped at which the earth and other planets follow in its movement around the sun .

ARYABHATTA

He was a greatest mathematician and astronomer of Ancient India.

In the field of astronomy he wrote about the solar system, motion of the planets, causes of eclipses, circumference and diameter of the earth etc.
