## VIDYA BHAWAN BALIKA VIDYAPEETH

## STUDY MATERIAL SCIENCE CLASS-VI

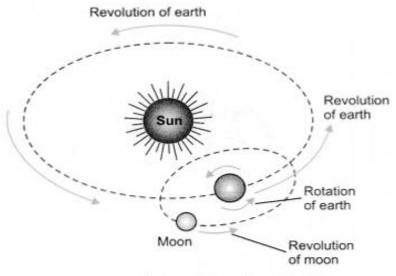
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**Teacher : Poonam Kumari** 

## Motion and Measurement

**Combination of two or more types of motions:** In some situations, the motion of an object may be a combination of two or more of the above mentioned types of motion. Examples:

- Motion of a ball on the ground. Here, the ball is rotating about an axis but the axis itself is moving along a straight line. Thus, the ball executes a rectilinear motion as well as rotational motion.
  - Motion of earth—earth executes rotations on its axis and also revolves around the sun.



Motion of earth and moon