

ORBIT

REVOLUTION

The path followed by an object in space as it moves around another object is called an orbit. The path followed by an object in space as it moves around another object is called an orbit.

One complete orbit of earth around the sun is called a year. It takes 365 1/4 days to complete one orbit.

AXIS

ROTATION

An imaginary line around which an object rotates is called an axis. The axis of the earth is tilted at an angle of about 23.5 degrees to the perpendicular of the plane of its orbit.

The spinning motion of an object around its axis is called rotation. The earth rotates around its axis once in 24 hours.

LOW LATITUDES

HIGH LATITUDES

The region between the tropic of cancer and the tropic of capricorn is called the low latitudes.

The regions between the arctic circle and the north pole and the antarctic circle and the south pole are called the high latitudes.