

# Science Must Know Vocabulary

## Making a Sundial



axis - \_\_\_\_\_ imaginary rod that the earth rotates around \_\_\_\_\_

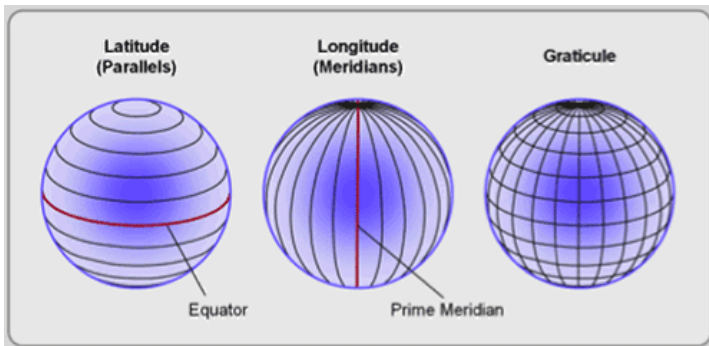
Parallel - \_\_\_\_\_ Two lines that run the same distance apart FOREVER, so they never cross

Perpendicular - \_\_\_\_\_ Two lines that intersect (come together) and form a right angle, For example your gnomon is perpendicular to your base on the sundial. \_\_

Gnomon - \_\_\_\_\_ Shadow- casting post. \_\_

Rotate - \_\_\_\_\_ To spin around on an axis \_\_\_\_\_

Orbit - \_\_\_\_\_ to circle in a path; the earth orbits the sun in an oval path \_\_\_\_\_



Latitude - \_\_\_\_\_ imaginary lines around the earth to measure distance north or south of the equator

Longitude - \_\_\_\_\_ imaginary lines around the earth to measure distance east or west of the Prime Meridian \_\_\_\_\_

Shadow - \_\_\_\_\_ Dark spot where light is blocked by an object, such as a shape or body \_\_\_\_\_

Observations - \_\_\_\_\_ things you see, hear or experience. Usually observations are made by taking notes. \_\_\_\_\_