

# Sun And Seasons

## Glossary

WHO MADE THIS?

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Angle	The earth is tilted at an ___ of 23.5 degrees relative to its orbit about the sun.
Autumnal	Name for the equinox that occurs in the fall.
Axis	The imaginary line that runs between the magnetic poles and about which the earth rotates.
Celestial	Positioned in the sky.
December	Month in which the winter solstice occurs in the Northern Hemisphere.
Eclipse	The blocking of light from one celestial body by the passage of another between it and the observer.
Elliptical	The shape of the earth's orbit around the sun.
Equator	An imaginary line on the earth's surface where the days are always about 12 hours long.
Equinox	The date which occurs twice a year on which day and night are of equal length.
Fall	Season that occurs from September to December in the Northern Hemisphere and from March to June in the Southern Hemisphere.
Hemisphere	A half of the earth as divided by its equator.
June	Month in which the winter solstice occurs in the Southern Hemisphere.
Light	There is more of this in the summer than in the winter.
March	Month in which the spring equinox occurs in the Northern Hemisphere.
Nadir	When considering yourself in the center of the celestial sphere, this is the point directly below you.
Orbit	The path which the earth traces as it travels around the sun.
Radiation	Energy emitted from the sun in the form of electromagnetic waves.
Revolution	It takes the earth 365 days to complete one ___ around the sun.
Rotation	The movement of the earth as it turns upon its axis.
Seasons	Spring, summer, fall and winter.
September	Month in which the spring equinox occurs in the Southern Hemisphere.
Solar	Relating to the sun.
Solstice	When the sun is directly overhead at either the Tropic of Cancer or the Tropic of Capricorn, corresponding to the shortest or longest day of the year depending on where one is on the earth.
Sphere	Celestial ___: An imaginary space in which one is the center of all that one observes in the sky.
Spring	Season that occurs from March to June in the Northern Hemisphere and from September to December in the Southern Hemisphere.
Summer	Season that occurs from June to September in the Northern Hemisphere and from December to March in the Southern Hemisphere.
Tilted	The earth's axis is not straight up and down relative to its orbit. It is ___, and this is what creates the seasons.
Vernal	Name for the equinox that occurs in the spring.
Winter	Season that occurs from December to March in the Northern Hemisphere and from June to September in the Southern Hemisphere.
Zenith	When considering yourself in the center of the celestial sphere, this is the point directly above you.