

Zenith

Point directly above your head in the night sky.

Sun

The star around which the earth orbits.

Moon

Astronomical body that is the natural satellite of the earth.

Sky

The region of the atmosphere and outer space seen from the earth.

Eclipse

When our view of one object in the sky is blocked by another object or the Earth's shadow.

Sun Spots

Dark patches on the Sun's surface.

Asteroid

A small object orbiting the Sun.

Star

A huge ball of gas held together by gravity.

Planet

An object moving around a star.

Comet

A small, frozen mass of dust and gas revolving around the sun.

Solar Flares

Beautiful eruptions in the outer part of the Sun's atmosphere.

Corona

The outermost part of the Sun's atmosphere.

Umbra

The dark inner part of a sunspot, or shadow.

Earth

The planet on which we live.

Totality

The moment/duration of total obscuration of the sun or moon during an eclipse.

Milky Way

Our Galaxy. (The word "Galaxy" actually means milky way in Greek).

Galaxy

A group of stars, gas and dust held together by gravity.

Nova

A star which suddenly flares up to many times its original brightness before fading again.

Orbit

The path one object takes around another.

Ozone

An area in the Earth's upper atmosphere which absorbs many of the lethal radiations from space.

Penumbra

Lighted area around the shadow of a planet or moon during an eclipse.

Day

Amount of time it takes the Earth to spin once on its axis.

Revolve

When something is moving in a circle around another object, such as the way the Moon circles the Earth.

Rotate

When an object spins, it is said to be rotating.

Satellite

A small object orbiting a larger one.

Equinox

Twice a year when the day and night are the same amount of time all around the world.

Shooting Star

A light in the atmosphere caused by a meteor falling towards the Earth.

Solar System

The system of planets and other objects orbiting the Sun.

Supernova

A super bright explosion of a star.

Sundial

Ancient instrument used to tell time by the shadow of a pointer cast by the sun onto a plate marked with the hours of the day.