

THE SKY

The Sun

The **Sun** is a large, hot ball of gas. It is a star.



The Sun is

Everything
center of c



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What Does the Sun Give Us?

The Sun gives Earth light and heat. Living things need the Sun to live!

The Sun gives Earth sunlight that is needed by plants to help them grow and make their own food.



Animals eat plants to get the energy the plants got from the Sun.

Don't Get Too Much Sunlight

Too much sun can be bad for your skin because the Sun gives off harmful rays too. You should wear sun block outside on a sunny day. Wear sunglasses, too, to protect your eyes.



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Fantastic Fact

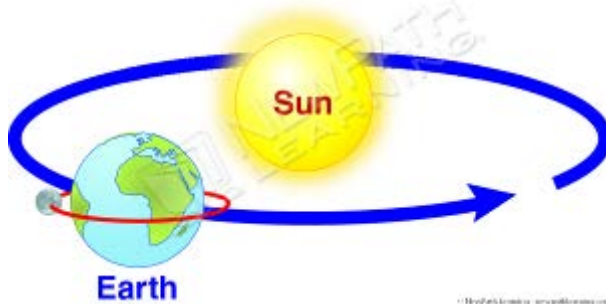
The sun's rays shine on the moon at night. This makes the moon bright!



The Earth

The Earth is the third planet from Sun.

The Earth **revolves** around the Sun. This means it moves in a path around the sun.



What Causes Day and Night?

As the Earth rotates,

Earth rotates on its axis.

This rotation causes

side of Earth to face the

night on the other side.

It is day on our side when the side of the Earth we live on is facing Sun.



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The Moon

The moon moves around the Earth.

The moon is not a planet.

Earth has one moon.

Some other planets have no moons, some only have one moon, and some have many moons.

The Moon Changes

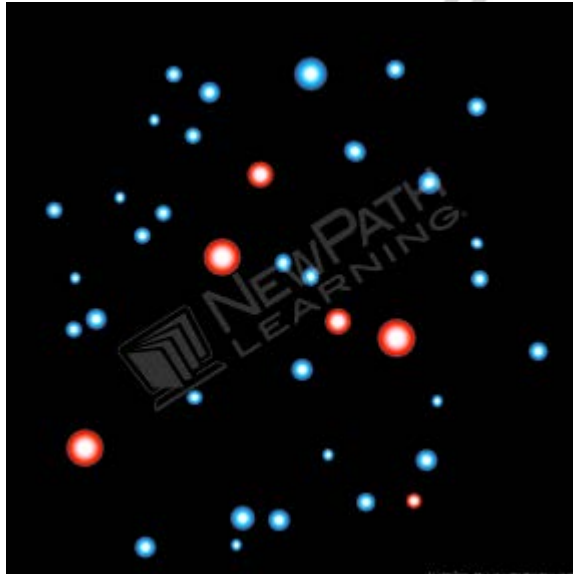
Because of the way the Moon circles the Earth and reflects the light of the Sun, we can see a different amount of the Moon each night.



These changing of its look is called the **Moon's phases**.

Stars

A **star** is a hot ball of gas.



Stars give

The Sun is

Planets

A **planet** is



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Orbit means to move in a path around something.

Planets do not give off light. They just reflect sunlight.

Reflect is when light touches and then bounces off of a thing.

There are **8 planets in our solar system**: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.



Pluto used to be considered a planet but it is now known by scientists as a dwarf planet.

The Telescope

A telescope is used to see objects that are far away in space. Even the closest stars are very far away. A telescope helps us see them.

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What is the Solar System?

The solar system is the sun, all planets, their moons, and other objects in space.

Everything in the solar system orbits (revolves or moves around) the Sun.

