

THE SUN AND EARTH

The Sun

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



The Sun is

Everything
center of c



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

The Sun is needed by plants to help them grow and make own food.

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

Don't forget that too much sun can be bad for your skin because the Sun gives off harmful rays too. You should wear sun block when outside on a sunny day and sunglasses too to protect your eyes.



Did you know?

Sun rays shine on the moon at night which makes the moon bright!



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The Earth

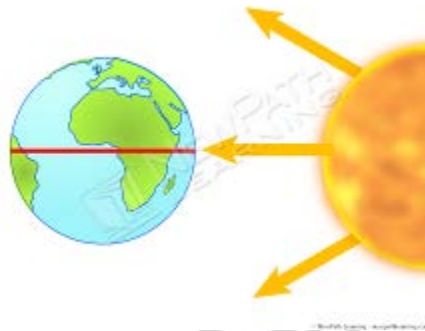
The Earth is the third planet from the Sun.

Land and water cover the Earth but there is more water than land on Earth.

Earth moves around the Sun in the solar system.



Different places on Earth receive different amounts of sun rays – this is why it is colder in New York during the winter than in Florida.



**Let's check what we have learned so far:
Why does the moon look bright at night?**

What causes day and night?

As the Earth rotates, different parts of the Earth receive sunlight.

This rotation causes day and night. When one side of the Earth is facing the Sun, it is daytime. When the other side is facing the Sun, it is nighttime.

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



**Let's check what we have learned so far:
What causes day and night on Earth?**

The Four Seasons

There are four seasons: **winter**, **spring**, **summer**, and **fall**.

What causes the seasons?

Earth is tilted and goes around the Sun in one year's time, so different places on Earth are closer and farther away from the Sun during different times of the year...causing us to have seasons on Earth.

Winter is the coldest season.



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Summer is the warmest season.



Fall is when some areas leaves on trees change color and fall off.



Spring is when it starts to warm up after winter and new plants begin to grow.



PREVIEW

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***Let's check what we have learned so far:
What causes us to have seasons here on Earth?***