

How do the Earth and Moon move?



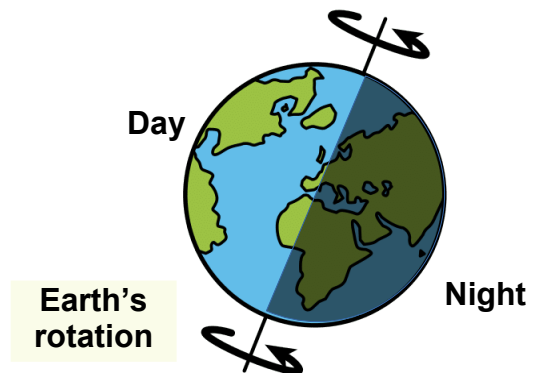
We're always on the move!

THE EARTH

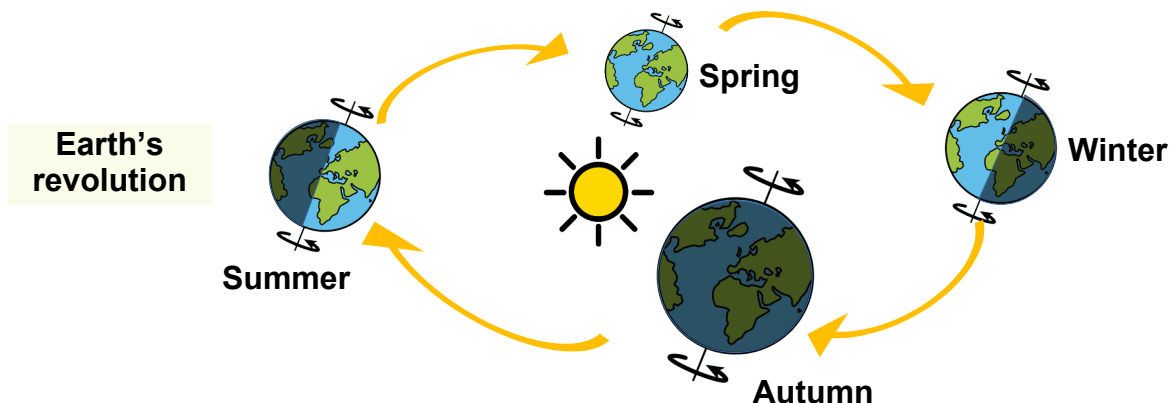
The Earth is the only planet where living things can live.

The average temperature on Earth is **15°C**. The atmosphere has **oxygen**. There is **water** in three states: solid, liquid, and gas.

The Earth has two movements:



1. **Rotation:** The Earth rotates on its axis. It takes **24 hours**, or one day, to complete one rotation. This makes day and night.
2. **Revolution:** The Earth orbits the Sun. It takes **365 days and 6 hours**, or one year, to make one full orbit. The Earth's axis is tilted, so the Sun's light reach the Earth at different angles. This causes the seasons.

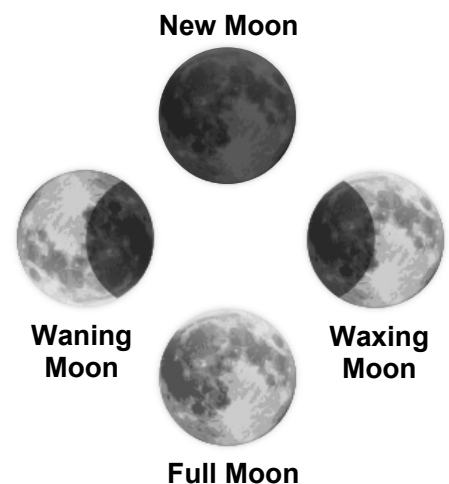


THE MOON

The Moon is the Earth's satellite. It is smaller than the Earth.

Like the Earth, the Moon has two movements:

1. **Orbit:** The Moon orbits the Earth. It takes **28 days** to complete one orbit.
2. **Rotation:** The Moon rotates on its own axis. It also takes **28 days** to complete one rotation.



The Moon's orbit and rotation take the same amount of time. This is why we only see one side of the Moon. The Moon looks different depending on where it is in the sky. These changes are called the **lunar phases**.

