

The Solar System

The Solar System is like a big family with the Sun in the middle and planets going around it. The Sun is super hot and huge—300,000 times bigger than Earth! It shines so bright that it lights up all the planets.



The Sun and the Planets

The Sun

The Sun is the largest and hottest object in the Solar System. It's a giant ball of burning gas that provides light and warmth to all the planets.

The Planets

There are eight planets in our Solar System: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Each planet is unique and has its own characteristics.



Venus and Earth

Venus

Venus is often called Earth's twin because it's about the same size, but its atmosphere is thick and toxic, making it much hotter than Earth.

Earth

Earth is the only planet in our Solar System known to have life. It has liquid water, a breathable atmosphere, and a comfortable temperature.

The Planets in Our Solar System



Mercury

The smallest and closest planet to the Sun. A year on Mercury lasts only 88 days.



Venus

Earth's twin in size, but its atmosphere is toxic and thick, making it very hot.



Earth

The only planet known to have life, with liquid water, a breathable atmosphere, and a comfortable temperature.



Mars

The red planet, known for its rusty-red surface and possibility of past liquid water.

