

# Information about the solar system





## Overview

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The Solar System consists of the Sun and the objects that orbit it. The name comes from Sōl, the Latin name for the Sun. It was formed when a dense region of a molecular cloud collapsed, creating the Sun and a protoplanetary disk from which the orbiting bodies assembled. The fusion of hydrogen into helium inside the Sun's core releases energy, which is primarily emitted through its outer atmosphere. This creates a decreasing temperature as distance from the Sun increases.



## Information about the solar system

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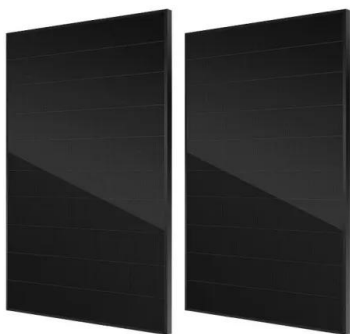


### [Solar System: Planets, Moons, and the Sun Explained](#)

With each planet, moon, asteroid, and comet, the solar system tells a story of birth, destruction, rebirth, and motion--stories written in craters, frozen oceans, swirling storms, and planetary rings.

### [10 Fascinating Facts About Our Solar System](#)

10 Fascinating Facts About Our Solar System  
Forget textbook platitudes: our Solar System is a laboratory of physical paradoxes where mass, motion, and matter stage spectacles that challenge classical intuition. A single ...



### **Solar System quick facts**

Our Solar System contains planets, comets and asteroids all of which travel around our star, the Sun. Until 2006 nine main planets were listed, but under the current classification there are now only eight main planets and five 'dwarf ...

### **Solar System**

Overview  
Definition  
Formation and evolution  
General characteristics  
Sun  
Inner Solar System  
Outer Solar System  
Trans-Neptunian region

The Solar System consists of the Sun and the



objects that orbit it. The name comes from Sol, the Latin name for the Sun. It formed about 4.6 billion years ago when a dense region of a molecular cloud collapsed, creating the Sun and a protoplanetary disc from which the orbiting bodies assembled. The fusion of hydrogen into helium inside the Sun's core releases energy, which is primarily emitted through its outer photosphere. This creates a decreasing temperature gradient a...



### Planet Facts - The Planets In Order

Planet Facts - The Planets In Order Our solar system has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. With the exception of Uranus and Neptune, each of these planets can be seen unaided. All eight ...

### Solar System

Planets and dwarf planets of the Solar System. Compared with each other, the sizes are correct, but the distances are not The Solar System is a group of space objects that are held together by gravity, with the Sun in the center. The Sun is ...



### [100 Interesting Facts about the Solar System](#)

Facts about Solar System: The Solar System is a vast and mysterious place, filled with a wide variety of fascinating objects and phenomena. From the massive and powerful sun at its center, to the diverse array of planets, moons, comets, and ...



## [Our Solar System: A Tour of All the Planets](#)

Our tour of the planets reveals a solar system that is anything but uniform. Each world is a singular expression of cosmic evolution--shaped by collisions, cooled by time, and sculpted by forces both known and mysterious.



## **In Depth , Our Solar System - NASA Solar System Exploration**

Our solar system consists of our star, the Sun, and everything bound to it by gravity - the planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune; dwarf planets such as ...

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