

# Solar System System





## Overview

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What is the Solar System made up of?

Our solar system is made up of the sun and all the amazing objects that travel around it. The universe is filled with billions of star systems. Located inside galaxies, these cosmic arrangements are made up of at least one star and all the objects that travel around it, including planets, dwarf planets, moons, asteroids, comets, and meteoroids.

What does the Solar System include?

The solar system includes everything that is gravitationally drawn into the sun's orbit. Use these resources to learn about the work of National Geographic Explorers including Munazza Alam, Cynthia Chiang and Sophie Dia Pegrum, and to teach students about the objects and relationships within our solar system.

What is a star system?

A star system is a group of planets, meteors, or other objects that orbit a large star. While there are many star systems, including at least 200 billion other stars in our galaxy, there is only one solar system. That's because our sun is known by its Latin name, Sol.

What is at the center of the Solar System?

At the center of the Solar System is the Sun, a massive star that provides light and heat to the planets that orbit around it. In addition to the Sun and the planets, the Solar System also includes moons, asteroids, comets, and other smaller objects that orbit around the Sun. The Sun is the largest and most important object in the Solar System.



## Solar System System

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### Solar System

Mar 29, 2025 · The Solar System is the gravitationally bound system of the Sun and all celestial bodies that orbit it. This includes planets, moons, asteroids, comets, dwarf planets, and ...

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### Solar System , Planets in the Solar System

The Solar System The Solar System, in which Earth is located, is part of the Milky Way. In the Solar System, eight planets orbit the Sun in elliptical ...

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### Solar System

Apr 9, 2021 · The Solar System provides the only known example of a habitable planet, the only star we can observe close-up, and the only worlds we can visit with space probes. Solar ...

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### Solar System: Planets, Moons, and the Sun ...

May 18, 2025 · The solar system, once unreachable, is becoming part of humanity's extended presence. Conclusion: A System, A Story, A ...

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### The solar system--facts and information , National Geographic

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### Solar system , Definition, Planets, Diagram, Videos, & Facts ...

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### 6.1: Our Solar System

This page provides insights into the solar system's age, estimated at 4.6 billion years via meteorite studies and stellar observations. It outlines the components of the solar system, ...

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### Solar System - Definition & Detailed Explanation

Oct 31, 2025 · The Solar System is a complex and fascinating system that has captivated humans for centuries. From the blazing Sun to the icy comets that roam through space, each celestial ...

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### Solar System: Planets, Moons, and the Sun Explained

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### Solar System Exploration

Dec 4, 2025 · The solar system has one star, eight planets, five dwarf planets, at least 290 moons, more than 1.3 million asteroids, and about 3,900 comets.

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