

Show me solar system





Overview

The Solar System is the gravitationally bound system of the Sun and the objects that orbit it. It formed about 4.6 billion years ago when a dense region of a molecular cloud collapsed, forming the Sun and a protoplanetary disc. The Sun is a typical star that maintains a balanced equilibrium by the fusion of hydrogen into.

PastThe Solar System formed at least 4.568 billion years ago from the gravitational collapse of a region within a large . This initial cloud was likely several light-years.

The Sun is the Solar System's star and by far its most massive component. Its large mass (332,900), which comprises 99.86% of all.

The inner Solar System is the region comprising the terrestrial planets and the . Composed mainly of and metals, the objects of.

Beyond the orbit of Neptune lies the area of the "", with the doughnut-shaped Kuiper belt, home of Pluto and several other dwarf planets, and an overlapping disc of.

Astronomers sometimes divide the Solar System structure into separate regions. The includes Mercury, Venus, Earth, Mars, and the bodies in the . The includes Jupiter, Saturn, Uranus, Neptune, and the bodies in the .

The outer region of the Solar System is home to the and their large moons. The and many orbit.

CometsComets are , typically only a few kilometers across, composed largely of volatile ices. They have highly eccentric.



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Solar System Facts , Information, Size, History and Definition

The solar system consists of the Sun; the eight official planets, at least three "dwarf planets", more than 130 satellites of the planets, a large number of small bodies (the comets and asteroids), and the interplanetary medium. (There are probably also many more

[3D Diagram of the Solar System](#)

As you zoom out, the solar system's outer planets - Jupiter, Saturn, Uranus and Neptune - come into view. The date slider allows you to move forwards or backwards by a few months to see the motion of the planets along their orbits. The top



Solar System , NASA Space Place - NASA Science for Kids

3 ???· The hottest planet in our solar system explore All About the Planets Learn more about the planets in our solar system The windows show the Universe in all its colors. explore Make colorful star cookies! Find out why stars aren't A real shooting star! Is Mira



[The solar system--facts and information](#)

Our solar system is made up of the sun and all the amazing objects that travel around it. Learn more about the planets, asteroids, and comets in our solar system. Skip to ...



Solar System

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 System research is essential for understanding the origin and evolution of planets, along



Interactive Solar System Tour , 3D Model of the Solar System

Solar System Scope is an incredibly accurate solar system tour, allowing you to explore the solar system, the night sky and outer space in real-time. All of the objects on the tour are accurately positioned based on where they are right this very second, and the tour contains interesting facts and information about the many objects in space.



About the Planets

About the Planets The solar system has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. There are five officially recognized dwarf planets in our solar system: Ceres, Pluto, Haumea, Makemake, and Eris. The first four planets from



The solar system: Facts about our cosmic neighborhood

An image of a massive solar flare (or coronal mass ejection) erupting out of the sun in 2017. (Image credit: NASA) The sun is at the center of the solar system and is its largest object



Solar system planets, order and formation -- a guide , Space

The order of the planets in the solar system, starting nearest the sun and working outward is the following: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and then

[Solar System -- Google Arts & Culture](#)

The solar system consists of a central star, the sun, and all of the smaller celestial bodies that continuously travel around it, including our very own Earth. This star grew larger and larger as it collected more and more of the dust and gas that collapsed into it. Further



Solar System Facts

Our planetary system is called "the solar system" because we use the word "solar" to describe things related to our star, after the Latin word for Sun, "solis." 2. Our solar system orbits the center of the Milky Way galaxy at about 515,000 ...



[The solar system--facts and information](#)

Our solar system is made up of the sun and all the amazing objects that travel around it. Learn more about the planets, asteroids, and comets in our solar system. Skip to content



[Gallery of NASA Solar System Images](#)

Our solar system is made up of a star--the Sun--eight planets, more than 140 moons, a bunch of comets, asteroids and space rocks, ice, and several dwarf planets, such as Pluto. Credits: NASA/Johns Hopkins University Applied Physics Laboratory/Carnegie

Universe Sandbox

The space tracker you can take anywhere. Track noteworthy space objects in your browser in a 3D simulation of the solar system Explore the Solar System to your heart's content. Solar System Sandbox 3D Web App Hint: Add objects by using the Search bar in



[StarChild: The Solar System](#)

Show me the Level 2 version of this page. Return to the StarChild Main Page Go to Imagine the Universe! Astronomers think the solar system is more than 4 billion years old. Astronomers are now finding new objects far, far from the Sun which they call dwarf



Planets of our Solar System

In the centre of the Solar System is the Sun, our star. It is a huge ball of burning gas made mostly of hydrogen. The Sun makes up 99% of all the mass in the Solar System; that means if you put

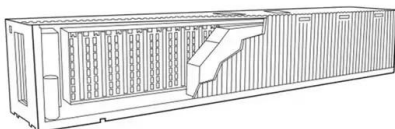


Solar System

Solar System Diamond rain, supersized volcanoes, exploding oceans - and we have a front row seat for it all. Professor Brian Cox reveals the strange worlds visible to us as never before. Series 1: 1.

Solar System , NASA Space Place - NASA Science for Kids

Read this article to find out how long it takes all the planets in our solar system to make a trip around the Sun. explore How Long is a Year on Other Planets? You probably know that a year is 365 days here on Earth. But did you know that on Mercury you'd



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

On first glance, our solar system seems to be well understood. It includes a single star, planets, their moons, dwarf planets like Pluto and Ceres, and smaller bodies like ...



In Depth , Our Solar System - NASA Solar System Exploration

Our solar system formed about 4.5 billion years ago from a dense cloud of interstellar gas and dust. The cloud collapsed, possibly due to the shockwave of a nearby exploding star, called a supernova. When this dust cloud collapsed, it formed a solar nebula - a



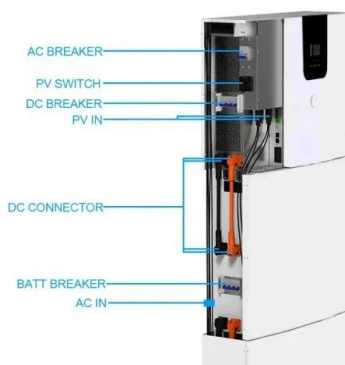
Solar System , NOVA

All across the solar system, volcanoes are erupting, storms are raging, and ice is acting in strange ways. And surprises like these aren't limited to planets: Our solar system is home to a



Planet Sizes and Locations in Our Solar System

Jupiter Jupiter is the largest planet in the solar system. It's about 11 times wider than Earth with an equatorial diameter of 88,846 miles (about 142,984 kilometers). Jupiter is the fifth planet from the Sun, orbiting at an average distance of 483.7 million miles (778 million kilometers). (778 million kilometers).



Solar System

Solar System What is a solar system? A solar system is essentially a star orbited by one or more planets bound to it by its gravitational pull. Our solar system is home to eight planets, several dwarf planets, over 200 moons, countless asteroids, comets, meteors, and other forms of planetary debris.



Solar System Scope

Online 3D simulation of the Solar System and night sky in real-time - the Sun, planets, dwarf planets, comets, stars and constellations Contact us: contact@solarsystemscope Facebook Newsletter Embed Account SolarSystemScope 5-in-1 Bundle



The Solar System

The insets show the planets magnified many times. (Courtesy NASA/JPL) Portrait of the Solar System These six narrow-angle color images were made from the first ever "portrait" of the solar system taken by Voyager 1, which was more than 6.4 billion kilometers .

Solar System Exploration

Learn about the planets in our solar system. The solar system has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. There are five officially recognized dwarf planets in our solar system: Ceres, Pluto, ...



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