

List of solar system names





Overview

The following is a list of objects by orbit, ordered by increasing distance from the Sun. Most named objects in this list have a diameter of 500 km or more. • The , a • The and the

How many planets are in the Solar System?

Our solar system is located in the Orion spiral arm of the Milky Way Galaxy and contains eight official planets that orbit counterclockwise around the Sun. The order of the eight official solar system planets from the Sun, starting closest and moving outward is: The planets in order from the Sun. Image created using IAU / NASA APOD.

What are the four closest planets to the Sun called?

The four closest planets to the Sun are called terrestrial planets. They are often called the Inner Planets as they lie before the asteroid belt of the Solar System. These rocky planets have a solid surface and are mostly made up of silicate rocks and metals. Earth is the largest terrestrial planet in the Solar System.

What is the Order of planets in the Solar System?

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 the possible Planet Nine. It's a dynamic system shaped by gravity and time, and while we've learned a lot, it still holds plenty of mysteries.

Are there other planets in our Solar System?

In addition to the planets, our solar system also includes dwarf planets, moons, asteroids, comets, and meteoroids. Our planetary system is the only official solar system in the Universe, but astronomers continue to find thousands of other stars with planets orbiting them in our galaxy.

What objects are in the Solar System?



The solar system is a collection of celestial objects bound to the sun by gravity. At the center is the sun, a yellow dwarf star that contains 99.8% of the solar system's mass. Everything else — from the eight major planets to dwarf planets, comets, asteroids, and icy objects — revolves around it.

What makes up the Solar System?

The solar system is our cosmic neighborhood, made up of the sun and everything that orbits it — planets, moons, asteroids, comets, and even dust and gas.



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[The Complete List of New Planet Names \(Exoplanets\)](#)

In the list below you will find the list of newly discovered planets that have received proper names. Most of them got theirs in the NameExoWorlds contests of 2015, 2019, and 2022 so will find a lot more variety in the sources ...

The Complete List of Moon Names

We have compiled a list of all the natural satellites (moons) in the Solar system. It is ordered by the distance to the Sun of their parent planet. Some of Jupiter's and Saturn's moons have been discovered so recently that they ...



Planets in Order From the Sun , Pictures, Facts, and Planet Info

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[What are the 9 Planets of the Solar System?](#)

The sun is the largest object in the solar system. In fact, it accounts for 99% of the solar systems' mass. Astronomers estimate that the solar system is more than 4.5 billion years old. Here is



a rundown on the 9 planets of the solar system:



[294 Moons of the Planets , 2024 List , GO ASTRONOMY](#)

SOLAR SYSTEM MOONS OF ALL THE PLANETS Do you know all 294 moons of the planets (and dwarf planets) in our solar system? Well here they are! Every so often new moons are discovered for Jupiter and Saturn. Moons are listed by ...



Lists of planets

For a list of geophysical planets in the Solar System, see: List of gravitationally rounded objects of the Solar System This also includes a list of the eight planets according to the IAU definition. For a list of objects in the Solar System once ...



List of Solar System objects

The following is a list of Solar System objects by orbit, ordered by increasing distance from the Sun. Most named objects in this list have a diameter of 500 km or more. o The Sun, a spectral class G2V main-sequence staro The inner Solar System and the terrestrial planets





In Depth , Our Solar System - NASA Solar System Exploration

The planetary system we call home is located in an outer spiral arm of the Milky Way galaxy. Our solar system consists of our star, the Sun, and everything bound to it by gravity - the planets ...

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Solar System

The Solar System[d] consists of the Sun and the objects that orbit it. [11] The name comes from S?l, the Latin name for the Sun. [12] It formed about 4.6 billion years ago when a dense region of a molecular cloud collapsed, creating the ...

Catalog of Moons A-Z

Catalog of Moons A-Z There are 288 discovered natural satellites - or moons, as they are more commonly referred to - in the Solar system. Most of them are found orbiting the outer gas giants. 164 of those moons have proper names as ...



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