

# Interesting facts about planets in the solar system

What are some interesting Solar System FACTS?

With so many interesting solar system facts, we've narrowed them down to 25 of our favorites. Our solar system consists of the sun and everything that orbits that sun, like the eight (once nine) planets we all know from elementary school. But the main planets, as diverse and fascinating as they are, are just the beginning.

How many planets are in the Solar System?

The solar system consists of our sun, which is a star, and all that its gravity affects. The planets in our solar system are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. There are also dwarf planets such as Pluto, dozens of moons and millions of asteroids, comets and meteoroids of all shapes and sizes.

Why are the first 4 planets a terrestrial planet?

The order and arrangement of the planets and other bodies in our solar system is due to the way the solar system formed. Nearest to the Sun, only rocky material could withstand the heat when the solar system was young. For this reason, the first four planets - Mercury, Venus, Earth, and Mars - are terrestrial planets.

Which planets make up 99% of the Solar System?

Together the planets make up 0.14% of the solar systems mass, 99% of which is the gas giants (Jupiter, Saturn, Uranus and Neptune). Except for the Earth, the planets are named after gods from Roman and Greek mythology. The planets size comparison: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune

What are the most surprising things about the planets?

With eight planets and a wealth of smaller worlds to look at, there's more than enough to learn for a few lifetimes! So what are some of the most surprising things about the planets? We've highlighted a few things below. 1. Mercury is hot, but not too hot for ice The closest planet to the Sun does indeed have ice on its surface.

What makes up the Solar System?

This is where we call "home." The solar system is made up of some major and minor players, all of which interact with each other. The solar system consists of our sun, which is a star, and all that its gravity affects. The planets in our solar system are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.

Before we dive right into the detail, here's some bite sized Solar System facts to get us started! It is believed that the solar system formed 4.6 billion years ago from a cloud of gas and dust ...

Located at the centre of the solar system and influencing the motion of all the other bodies through its gravitational force is the Sun, which in itself contains more than 99 percent of the mass of the system. The

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planets, in order of their distance outward from the Sun, are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

The 8 primary planets of the solar system. (MARK GARLICK/SCIENCE PHOTO LIBRARY via Getty Images) ... Interesting Facts About Mercury. A year on Mercury is equivalent to 88 Earth days, making it the shortest year of any planet in the solar system; A day on Mercury ( the time it takes to rotate once on its axis) is longer than its year! ...

A lot of astronomy people like to think of the Solar System been made up in two parts We have the Inner Solar System which has Mercury, Venus, Earth and not forgetting Mars. These are closest to the sun and are called the terrestrial planets simply ...

Our solar system is home to eight amazing planets. Some are small and rocky; others are big and gassy. Some are so hot that metals would melt on the surface. Others are freezing cold. We're learning new things about our neighboring planets all the time. We send spacecraft to take pictures, gather information, and find out more about them.

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.

It's the largest planet in our solar system - if it were a hollow shell, 1,000 Earths could fit inside. It's also the oldest planet, forming from the dust and gases left over from the Sun's formation 4.6 billion years ago. But it has the shortest day in the solar system, taking only 10.5 hours to spin around once on its axis.

3 days ago&#0183; Our solar system is home to eight amazing planets. Some are small and rocky; others are big and gassy. Some are so hot that metals would melt on the surface. Others are ...

We've scavenged the vastness of the internet to provide you with some of the most interesting solar system facts you probably have never heard of. So dive into space with these 50 compelling facts about our solar system and expand your knowledge beyond Earth! ... You Could Fit All The Planets In Our Solar System Between Earth And The Moon. At ...

With an equatorial diameter of 7926 miles (12,760 kilometers), Earth is the biggest of the terrestrial planets and the fifth largest planet in our solar system. From an average distance of 93 million miles (150 million kilometers), Earth is exactly one astronomical unit away from the Sun because one astronomical unit (abbreviated as AU), is the ...

Facts about Jupiter. Jupiter is the fourth brightest object in the solar system. Only the Sun, Moon and Venus are brighter. It is one of five planets visible to the naked eye from Earth. The ancient Babylonians were the first to record their sightings of Jupiter. This was around the 7 th or 8 th century BC. Jupiter is named after the

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king of ...

The planets of the solar system are grouped into three categories, based on their size and composition: They are gas giants (2), ice giants (2), and terrestrial planets (4 - including Earth). Key Facts & Summary. The biggest planets in the Solar System are ...

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, Haumea, Makemake, and Eris. Get the Facts

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The Sun Provides Most of Our Solar System's Mass. According to solar system facts, 99.86% of our solar system's mass is made of the Sun, which is the only star in our solar system. Planets, dwarf planets, moons and asteroids all orbit around the Sun. Earth is actually considered to be inside the Sun's atmosphere, so it can be said that we ...

Solar system facts for kids. Drawing of the Solar system . 1. The Solar system has 8 planets ... The gas planets in the solar system are Jupiter, Saturn, Uranus, and Neptune. The rest of the planets, like Earth, do have a surface to stand on. Those are called rocky planets and are Mercury, Venus, Earth, and Mars. 7. The rocky planets are closer ...

This article will explore the 10 most interesting facts about the planets that make them so fascinating. Firstly, we will delve into the planet closest to the sun, Mercury. Despite being the most minor planet in our solar system, Mercury has many unique features, including a day that lasts longer than its year and a surface covered in craters.

Top 10 facts. Everything in the Solar System revolves around the Sun. The Sun is a star - a massive ball of hot gas that gives off light and heat.; There are eight planets that orbit around the Sun.; The closest planet to the Sun is Mercury, and the farthest away is Neptune.

The Earth is the only planet in our solar system not to be named after a Greek or Roman deity. The Earth was formed approximately 4.54 billion years ago and is the only known planet to support life. Equatorial Diameter: 12,756 km: Polar Diameter: 12,714 km: Mass: 5.97 &#215; ...

30 Interesting Fun Facts About The Solar System For Kids. Ignite your little one's curiosity with enlightening planetary system facts. Reviewed by Ashley KZ Showell, MEd Ashley KZ Showell MEd Specialty: ... The planets in our solar system are frequently hit by asteroids and meteorites. Therefore, craters of different sizes

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on the planets and ...

Even though there are only eight planets, our Solar System actually contains hundreds of star systems. Some of the moons in our Solar System are larger than the planet Mercury! Two of the moons of Jupiter have interesting characteristics; Io has active volcanoes, Europa has a thick liquid water ocean layer, though covered by thick crusts of ...

6 days ago&#0183; You probably know that a year is 365 days here on Earth. But did you know that on Mercury you'd have a birthday every 88 days? Read this article to find out how long it takes all ...

A lot of astronomy people like to think of the Solar System been made up in two parts We have the Inner Solar System which has Mercury, Venus, Earth and not forgetting Mars. These are closest to the sun and are called the terrestrial ...

Mercury is the smallest planet in the Solar System. One of five planets visible with the naked eye a, Mercury is just 4,879 Kilometres across its equator, compared with 12,742 Kilometres for the Earth. Mercury is the second densest planet. Even though the planet is small, Mercury is very dense. Each cubic centimetre has a density of 5.4 grams ...

The Nine Planets is an encyclopedic overview with facts and information about mythology and current scientific knowledge of the planets, moons, and other objects in our solar system and beyond. The 9 Planets in Our Solar System

Exploration of Uranus's rings, filled with planets facts, offers clues about the solar system's dynamics. Discovered in 1977, Uranus's rings are a relatively recent find compared to the well-known rings of Saturn, highlighting the ongoing discoveries within our solar system.

The second biggest planet in our solar system and another gas giant, Saturn is also mostly made up of Hydrogen and Helium. It is famous for its rings which are formed by chunks of rock and ice. It has 62 moons. Saturn takes 10.7 hours to rotate once and 29 years to revolve around the Sun once.

3. The Solar System formed 4.6 billion years ago. The Solar System was formed 4.6 billion years ago from a cloud of gas and dust called the solar nebula. A shock wave from a nearby supernova (big star) explosion probably started it. The Sun formed in the center, and the planets formed around it. 4. The Solar System is part of The Milky Way.

The Objects in Our Solar System The planets, dwarf planets and other objects in our solar system. There are many different types of objects found in the solar system: a star, planets, moons, dwarf planets, comets, asteroids, gas, and dust. In terms of the numbers of each of these objects, our current knowledge is as follows:  
1 star (The Sun)

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Traditionally, the solar system has been divided into planets (the big bodies orbiting the Sun), their satellites (a.k.a. moons, variously sized objects orbiting the planets), asteroids (small dense objects orbiting the Sun) and comets (small icy objects with highly eccentric orbits).

The heliosphere extends beyond the orbit of the planets in our solar system. Thus, Earth exists inside the Sun's atmosphere. Outside the heliosphere is interstellar space. The core is the hottest part of the Sun. Nuclear reactions here - where hydrogen is fused to form helium - power the Sun's heat and light. Temperatures top 27 million ...

Jupiter is the largest planet in our solar system. If Jupiter was a hollow shell, 1,000 Earths could fit inside. Jupiter also is the oldest planet, forming from the dust and gases left over from the Sun's formation 4.5 billion years ago. But it has the shortest day in the solar system, taking only 10.5 hours to spin around once on its axis.

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