

# Names of the planets in the solar system

The planets of the outer solar system are Jupiter, Saturn, Uranus, and Neptune (Pluto is now classified as a dwarf planet): The first thing to notice is that the solar system is mostly empty space. The planets are very small compared to the space between them. Even the dots on the diagrams above are too big to be in proper scale with respect to ...

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. ... Many have kept their names for hundreds of years, while the planets discovered after the invention of the telescope were named ...

An orrery is a model of the solar system that shows the positions of the planets along their orbits around the Sun. The chart above shows the Sun at the centre, surrounded by the solar system's innermost planets. Click and drag the chart to rotate the viewing angle, or use your mouse wheel to zoom in and out.

5 days ago&#0183; The solar system's several billion comets are found mainly in two distinct reservoirs. The more-distant one, called the Oort cloud, is a spherical shell surrounding the solar system at a distance of approximately 50,000 astronomical units (AU)--more than 1,000 times the distance of Pluto's orbit. The other reservoir, the Kuiper belt, is a thick disk-shaped zone whose main ...

The planets in order from the Sun based on their distance are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. The planets of our Solar System are listed based on their distance from the Sun. There are, of course, the dwarf planets Ceres, Pluto, Haumea, Makemake, and Eris; however, they are in a different class.

Using this method, the planets are listed in the following order: AU stands for astronomical units - it's the equivalent to the average distance from Earth to the sun (which is why Earth is 1 AU from the sun). It's a common way astronomers measure distances in the solar system that accounts for the large scale of these distances.

Earth. Color: Blue mixed with green, yellow, white, and brown Earth is a terrestrial planet with an atmosphere rich in nitrogen and oxygen. Blue light scatters more because of the oceans and atmosphere. Water absorbs red light, giving Earth its mostly blue appearance, often called The Blue Marble.. Beyond the dominant blue color, we see clouds and areas of ...

Mars, the red planet, is the seventh largest planet in our solar system. Mars is about half the width of Earth, and has an equatorial diameter of about 4,221 miles (6,792 kilometers). Mars is the fourth planet from the Sun, orbiting at an average distance of 141.6 million miles (227.9 million kilometers).

The Solar System [d] is the gravitationally bound system of the Sun and the objects that orbit it. [11] It formed



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about 4.6 billion years ago when a dense region of a molecular cloud collapsed, forming the Sun and a protoplanetary disc. The ...

**Solar System Formation.** The solar system is located in one of the spiral arms of the Milky Way galaxy. It was born about 4.5 billion years ago when a cloud of interstellar gas and dust collapsed. Most of the material was pulled toward a central point: nearly all of the solar system's mass--99.8%--is in the Sun.

**Names of all the Planets of the Solar System.** This page shows the names of all the planets and also the names of the currently known moons. It also lists the names and locations of each Planet and Satellite discoverer (if known) and provides the meaning/derivation for each name. The planets are in order of the date of discovery.

**How Many Moons Are in Our Solar System?** Naturally-formed bodies that orbit planets are called moons, or planetary satellites. The best-known planetary satellite is, of course, Earth's Moon. Since it was named before we learned about other planetary satellites, it is called simply "Moon." According to the NASA/JPL Solar System Dynamics team, the current tally [...]

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 ...

5 days ago&#0183; Solar system, assemblage consisting of the Sun and those bodies orbiting it: 8 planets with about 210 known planetary satellites; many asteroids, some with their own ...

As the term is applied to bodies in Earth's solar system, the International Astronomical Union (IAU) lists eight planets orbiting the Sun. Pluto also was listed as a planet until 2006. This is a ...

Our solar system is made up of a star--the Sun--eight planets, 146 moons, a bunch of comets, asteroids and space rocks, ice, and several dwarf planets, such as Pluto. Our solar system is made up of a star--the Sun--eight planets, 146 moons, a bunch of comets, asteroids and space rocks, ice, and several dwarf planets, such as Pluto. Skip to ...

The night sky over New Zealand's Southern Alps gives a spectacular view of the Milky Way, the galaxy in which our own solar system resides. Mike Mackinven / Getty Images. Our planet Earth is part of a solar system that consists of eight planets orbiting a giant, fiery star we call the sun. For thousands of years, astronomers studying the solar system have noticed ...

The planets, in order of their distance outward from the Sun, are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Four planets--Jupiter through Neptune--have ring systems, and all but Mercury and Venus have one or more moons.

Eight known planets, the moon, as well as comets, asteroids and other space objects, revolve around the sun. The Sun is the largest object in the solar system. In fact, it accounts for 99% ...

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The names of the planets in the solar system are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. These eight planets orbit the Sun and vary in terms of size, composition, and ...

The first four planets from the Sun are Mercury, Venus, Earth, and Mars. These inner planets also are known as terrestrial planets because they have solid surfaces. Mercury is the smallest planet in our solar system, and the nearest to the Sun. Venus is the second planet from the Sun, and Earth's closest planetary neighbor.

Eight planets and a dwarf planet in our Solar System, approximately to scale. Pluto is a dwarf planet at far right. At far left is the Sun. The planets are, from left, Mercury, Venus, Earth, Mars ...

There are eight planets in the solar system: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. The four inner solar system planets (Mercury, Venus, Earth, and Mars) fall under the category of terrestrial planets; Jupiter and Saturn are gas giants (giant planets composed mostly of hydrogen and helium) while Uranus and Neptune are the ice giants ...

5 days ago#0183; Solar system - Planets, Moons, Orbits: The eight planets can be divided into two distinct categories on the basis of their densities (mass per unit volume). The four inner, or terrestrial, planets--Mercury, Venus, Earth, and Mars--have rocky compositions and densities greater than 3 grams per cubic cm. (Water has a density of 1 gram per cubic cm.) In contrast, ...

Mercury is the first planet from the Sun in our Solar System. He amazed people with his retrograde movements from the beginning and his recently discovered phases and moon-like similarities. Mercury is the closest (first) planet to the Sun and the smallest member of our Solar System s diameter is 4,878 kilometers, and its mass is only 5.5% of the mass of the Earth.

Mercury is the first planet from the Sun in our Solar System. He amazed people with his retrograde movements from the beginning and his recently discovered phases and moon-like similarities. Mercury is the closest ...

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:

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.

The planets in our solar system were named after Roman gods. Mercury is the Roman god of travel and commerce, Venus is the Roman goddess of love and beauty, Mars is the Roman god of war, Jupiter is the king of all Roman gods, Saturn is the Roman god of agriculture and wealth, and Uranus is the Greek god of the heavens.



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