

# List of planets from the sun

Introduction. 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 Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune; dwarf planets such as Pluto; dozens of moons; and millions of asteroids, comets, and meteoroids.

How to Use the Planet Size Comparison Chart. Click on a planet or the Sun for details on composition, mass, gravity, and number of moons. You can also zoom in and out on the planets or the Sun using the plus and minus buttons. Change between km / mi in settings; Use the buttons at the top to sort the planets by their order from the Sun or by ...

The 5th planet from the Sun and the most massive one, Jupiter is 317 times the mass of Earth. Located at a distance of 778 million km or 5.2 AU, it is two and half times larger than all other planets of the solar system combined. It is basically a giant ball of gas, Hydrogen and Helium being the primary components along with other trace ...

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. The eight planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Mercury is closest to the Sun. Neptune is the farthest.

Terrestrial planets. Mercury - The planet with the second highest temperature in the Solar System and the closest planet to the Sun.; Venus - The warmest planet. Sometimes called &quot;Earth's twin&quot; because Venus and Earth are very similar. Earth - The only planet that is known to have life. It has one natural satellite, the Moon.; Mars - Sometimes called the &quot;red planet&quot; and &quot;the brother ...

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 list of selected planets. (See also astronomy; infrared astronomy; planetarium; radio and radar astronomy; ultraviolet astronomy.) planets of the ...

The farthest planet from the sun at 2,794.4 million miles away is Neptune, named after the Roman god of the Sea. It has a diameter of 30,200 miles and is the fourth largest planet in the solar system. It takes 164.81 Earth years for Neptune to revolve around the sun and 19.1 Earth hours to rotate on its axis. Like Uranus, Neptune is made of ...

When the solar system settled into its current layout about 4.5 billion years ago, Mars formed when gravity pulled swirling gas and dust in to become the fourth planet from the Sun. Mars is about half the size of Earth, and like its fellow ...

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Let's take a brief look at each one in their order from the Sun. Mercury Mercury, 1st Planet from the Sun. (Image credit: NASA) Mercury is the closest planet to our star, the Sun, and moves incredibly quickly around it. The planet flies around the Sun in only 88 days, which is why it was named Mercury after the swift-footed messenger of the gods.

Distances in the solar system are often measured in astronomical units (AU). One astronomical unit is defined as the distance from Earth to the Sun. The distance from the Sun to Mercury is 0.39 AU, to Venus is 0.72 AU, to Earth is 1.00 AU, to Mars is 1.52 AU, to Jupiter is 5.20 AU, to Saturn is 9.54 AU, to Uranus is 19.22 AU, and to Neptune is 30.06 AU.

Dwarf planets in order from the Sun. As given in the above table, Ceres is the closest dwarf planet in our solar system and it is also IAU-defined. The IAU-defined farthest dwarf planet is Eris which is located in the scattered disc with ...

List of the 8 Planets in Order from The Sun Mercury. Mercury is the smallest planet in the solar system, and the one closest to the Sun. This planet is estimated to be just slightly larger than the Earth's moon. When you are viewing the Sun from the surface of Mercury, it appears three times larger than when it's viewed from the Earth.

Planets in Order: An Easy Trick To Remember Ordered by Distance From the Sun. The most common way to order the planets is by their distance from the Sun (starting with the closest one, Mercury).

Each planet's width is compared to Earth's equatorial diameter. There's also a handy list of the order of the planets moving away from our Sun. Size Up the Planets. ... Let's look at the mean temperature of the Sun, and the planets in our solar system. The mean temperature is the average temperature over the surface of the rocky planets ...

Venus is the second planet from the sun and the closest planet to Earth. Venus orbits the sun at an average distance of 0.722 AU, equating to 67-million miles on average. The orbit of Venus causes it to drift between 66 to 68-million miles from the sun. Earth is the third planet from the sun at an average distance of one AU. Scientists base ...

Jupiter is the fifth planet from the Sun and the largest of all the solar system planets. It was named after the king of the gods in Roman mythology. With an apparent magnitude of about -2, it is easily visible to the naked eye.

Positions of known outer Solar System objects Sun Jupiter trojans (6,178) Scattered disc (>300) Giant planets: J &#183; S &#183; U &#183; N Centaurs (44,000) Kuiper belt (>1,000) (scale in AU; epoch as of January 2015; # of objects in parentheses). These Solar System minor planets are the furthest from the Sun as of December 2021. The objects have been categorized by their approximate ...

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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, ...

The table below (first created by Universe Today founder Fraser Cain in 2008) shows all the planets and their distance to the Sun, as well as how close these planets get to Earth. Mercury: Closest ...

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 Facts. Mercury is the smallest planet in our solar system, and the nearest to the Sun. Explore Mercury.

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

Learn the order of the planets from the Sun and how to remember it, as well as their size, mass, orbital and rotation periods. Find out interesting facts and features of each planet, from Mercury to Neptune.

Updated: Mar 21. Our solar system is made up of 8 planets that orbit the Sun. Learn about all the planets in order from closest to farthest! Find images, facts, and useful information about each planet, and its moons if it has any, and go ...

Earth. The place we call home, Earth is the third rock from the sun and the only planet with known life on it - and lots of it too! Earth facts ->. Mars. The red planet is dusty, cold world with a thin ...

Understanding the order of the planets in our solar system is a fundamental aspect of astronomy education. Whether you're a high school student preparing for a science exam or simply curious about the wonders of the universe, this guide will provide you with a basic understanding of the planets" order, sizes, distances from the Sun, and their unique features.

History of the 9 Planets in our solar system. The ancient Greeks came across seven lights in the sky that moved against the background pattern of stars: the sun, the moon, Mercury, Venus, Mars, Jupiter, and Saturn. then they decided to name them Planetes, or Wanderers.If you observe closely their list, you will notice that the Earth is not included ...

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