

Characteristics of planets in the solar system ppt

What are the 4 inner planets of the Solar System?

The document summarizes key facts about the four inner planets of our solar system: Mercury, Venus, Earth, and Mars. It provides details on each planet's diameter, mass, density, atmosphere, distance from the sun, orbital path, moons, surface features, and core composition.

How many planets are in the Solar System?

There are eight planets of the solar system. The planets are commonly divided into two groups. These are the Terrestrial Planets and the Jovian Planets. Planets are orbited around the Sun. Mercury is the innermost and smallest planet in the Solar System. It looks like a pinkish star but it is difficult to find in the sky because it stays close to the sun.

What are Jovian and terrestrial planets?

The document categorizes the planets in the solar system into terrestrial and Jovian planets. The terrestrial planets consist of Mercury, Venus, Earth, and Mars. They are rocky, closer to the sun, and have few or no moons. The Jovian planets are larger gas giants beyond the terrestrial planets' orbits.

What is the difference between Mercury and planets?

The planet spins on its axis very slowly which means that one side of it faces the Sun for long. The other side because it faces away from the Sun. Its temperature is a Freezing -290°F (180°C). Planets is covered with craters and looks like the moon. But Mercury, unlike the moon. Has no large flat plains or seas.

What is the largest planet in the Solar System?

Jupiter is the fifth planet from the Sun and the largest planet within the Solar System. This planet is truly gigantic. It is more than 300 times the mass of the Earth. In fact, the mass of Jupiter is almost 2.5 times that of all the other planets in the solar system, Jupiter rotates fastest - once every 9 hours, 55 minutes and 30 seconds.

Which planet looks like a moon or a crater?

Planets is covered with craters and looks like the moon. But Mercury, unlike the moon. Has no large flat plains or seas. Venus is the second planet from the Sun, orbiting it every 224.7 Earth days. Venus is the brightest object in the sky. Of all the planets.

Earth has many characteristics that make it unique among all the other planets in the Solar system. For starters, ours is the only planet that can support life (as far as we know). ... Astronomers believe there are many planets that have similar characteristics to Earth in the universe but we don't have enough data about them yet to compare them.

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13. Our Solar System The Solar System is the sun together with the eight planets and all other celestial bodies that orbit the sun. Everything in the Solar System orbits or revolves around the Sun in a counter-clockwise ...

The 9 Planets in Our Solar System. Mercury. The smallest and fastest planet, Mercury is the closest planet to the Sun and whips around it every 88 Earth days. ... The Sun is the heart of our solar system and its gravity is what keeps every planet and particle in orbit. This yellow dwarf star is just one of billions like it across the Milky Way ...

SOLAR SYSTEM The solar system is made up of the sun and everything that orbits around it, including planets, moons, asteroids, comets and meteoroids. COMPOSITION OF SOLAR SYSTEM Sun: 99.85% Planets: ...

The Solar System also includes eight official planets that orbit the Sun, along with dwarf planets, moons, asteroids, comets, and other small bodies. Planets and their Unique Characteristics - Download as a PDF or view online ...

o Jupiter is the largest planet in our Solar System. o Jupiter's volume is large enough to contain 1,300 planets the size of Earth. o Jupiter rotates faster than any planet in the Solar System. It rotates so quickly that the days are only 10 hours long. o But it takes 12 Earth years for Jupiter to complete an orbit around the sun.

Explore the Planets in the Solar System with our black picture-centric template. Download now, fully customizable and completely free to use. Back All ... black-themed PowerPoint and Google Slides template allows teachers to craft engaging presentations about our solar system's planets. Use this PPT template to transform your astronomy ...

Then, on Feb. 11, 1999, it crossed Neptune's path and once again became the solar system's most distant planet -- until it was demoted to dwarf planet status. Pluto will stay beyond Neptune for 228 years. Pluto's orbit is ...

Ask the learners what galaxy the solar system resides in Ask the learners for the correct sequence (from the inner planets to the outer planet). 1. The Earth, the planet we live on, is part of the Solar System. 2. If we want to know how the Earth formed, we need to understand the origin and evolution of the Solar System.

Compare the planets of the solar system (LC S6ES-IVg-h-6). After going through this module, you are expected to 1. identify the planets in the solar system, 2. describe the characteristics of the inner planets and outer planets, 3. compare the relative distances, surface temperature and sizes of the inner planets with the outer planets, and 4 ...

The document provides instructions for a science lesson on planets. It asks students to unscramble words related to planetary motion and describes the basic properties of planets in our solar system. It discusses the



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inner terrestrial planets Mercury, Venus, Earth, and Mars. It then covers the outer gas giants Jupiter, Saturn, Uranus, and Neptune. It compares characteristics ...

2 Objects in Our Solar System Our solar system is made up of the sun, eight planets, their moons or satellites (about 166 in our solar system), dwarf planets, comets, asteroids and meteors... 3 4 Mnemonic phrase to remember the order of the planets, starting from those closest to the sun:

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: Mercury, Venus, Earth, and Mars. Dwarf planet Pluto also has a solid surface. But since the gas giants don't have a surface, the mean is the average temperature at what ...

This solar system resource includes a PowerPoint presentation, guided notes, display posters for the sun and planets and a fun tabbed mini-book for students to create while learning about space. This zipped folder contains: ? POWERPOINT PRESENTATION - 15 slides covering our solar system, the sun, eight planets, asteroid belt and including a fun ...

"JUST RIGHT" EARTH 13 the third planet from the Sun and fifth largest planet in the Solar System a terrestrial planet located in the Goldilocks zone (habitable zone) has unique physical and chemical characteristics compare to other neighboring planets the only habitable planet or planet known in the Solar System that can support life

A lesson powerpoint detailing information on each of the planets in the solar system. Lots of use of images to help students learn facts and information about our solar system. Learning objectives: Recall the names of the planets; Describe some characteristics of each planet; Use information to state the order of the planets

Our solar system formed about 4.6 billion years ago. The four planets closest to the Sun -- Mercury, Venus, Earth, and Mars -- are called the terrestrial planets because they have solid, rocky surfaces. Two of the outer planets beyond the orbit of Mars -- Jupiter and Saturn -- are known as gas giants; the more distant

The solar system is host to two broad categories of planets. The four closest to the sun -- Mercury, Venus, Earth and Mars -- are the terrestrial planets. They have rocky surfaces enclosed by relatively shallow atmospheres. The gas and ice giants -- Jupiter, Saturn, Uranus and Neptune -- are outliers.

The beginning teacher identifies the properties of the components of the solar system. Key Concepts: The solar system consists of the Sun, planets, dwarf planets, moons, comets, asteroids, meteoroids, dust, atomic particles, electromagnetic radiation, and magnetic fields. Each component of the solar system has its own specific properties.

The Solar System Song. 15 Did You Know? You would not be able to see stars from Venus because the



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atmosphere of thick poisonous gas clouds block out the Sun and stars The sky looks red and it is impossible to see the surface of Venus from Earth Venus has rainfall of acid All space probes that landed on Venus only kept working for 1 hour

Well, you know how much we like planets and stuff, but this time it's different. We have a ready-made template with actual content for introductory lessons on the Solar System, its planets, satellites and more. It's illustrated and will be a great resource for teachers, since it provides a nice visual support for their lessons.

The Solar System We will be examining the planets in the Solar System based on a few main characteristics: Size relative to the earth Surface features Atmospheric features Relative distance from the sun Ability to support life Other facts Let's make sure you understand the meaning of these characteristics

The document summarizes characteristics of the planets in our solar system. It provides details on each planet's average distance from the sun, translation period, mass, radius, density, rotation period, and number of ...

The document provides an overview of the eight planets in our solar system - Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune - as well as at least three dwarf planets. It lists key facts about each planet's size, composition, features, and distance from the sun. In addition to the eight major planets, the solar system contains ...

THE SOLAR SYSTEM UNIT OVERVIEW Our solar system is home to Earth and seven other planets. Each planet rotates on its axis while revolving around the Sun. Each planet has unique characteristics and qualities that set it apart from the others. The Sun keeps this complex arrangement in order. The Solar System unit reveals detailed



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