

Bob alien tour of the solar system

The Solar System is situated near the edge of the Milky Way galaxy, thirty thousand light years from the Galactic Central Point (about 285,000,000,000,000,000 kilometres away!). There are countless galaxies in the universe. It is impossible for us ...

Bob the Alien's Tour of the Solar System is written and developed by James Adams who is based in Staffordshire, England. The website is published by Sultana Barbecue. James was educated at Newcastle-under-Lyme School and Keele University, both situated in Staffordshire, near Stoke-on-Trent. He was a student at Keele University from 1997 to 2000 ...

Titan is Saturn's largest moon. It was discovered in 1655 by the Dutch astronomer Christiaan Huygens and is the second largest moon in the solar system. The solar system's largest moon is Ganymede which orbits Jupiter. Titan is unique as it's the ...

The Solar System The Sun The Moon The Inner Planets Mercury Venus Earth Mars The Outer Planets Jupiter Saturn Uranus Neptune Dwarf Planets Ceres Pluto Haumea Makemake Eris Differences between Inner and Outer Planets Planets Table Solar System's 20 Largest Objects Formation of the Solar System Comets Halley's Comet Comet Hale-Bopp Shoemaker-Levy ...

Venus has a thick atmosphere which is almost entirely made up of dense carbon dioxide. It is so thick that it traps heat from the Sun, causing Venus to be the hottest planet in the Solar System. Its atmosphere also contains clouds of sulfuric acid. It ...

Since then, every planet in the Solar System has been visited by robotic spacecraft and humans have constructed space stations in Earth's orbit and walked on the Moon. The Space Race Buzz Aldrin, the US flag and the Apollo 11 Lunar Module, "Eagle", image credit NASA

Solar System Overview. The Solar System; Solar System Formation; The Inner Planets; The Outer Planets; Differences between Inner & Outer Planets; Planetary Statistics Table; Solar System's 20 Largest Objects; Your Weight in Space; Space A to Z; Sun and Planets. The Sun; Mercury; Venus; Earth; Mars; Jupiter; Saturn; Uranus; Neptune; Pluto ...

People have been looking into the skies for thousands of years and observing the stars. These early astronomers didn't know exactly what they were looking at, and mistook the stars and planets to somehow control events on Earth (astrology) or to be their gods. Even so, ancient astronomers were able to make predictions of when stars and planets would be visible, and ...

The Moon is Earth's only natural satellite, and is the second brightest object in the sky after the Sun is larger

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than the dwarf planet Pluto, and the fourteenth largest object in the Solar System. Unlike Earth, the Moon's surface is very old, and the craters which are seen all over its surface have been there for billions of years. From Earth, only one side of the Moon can be seen.

The third planet from the Sun and the fifth largest planet in the Solar System. The only planet in the Solar System where large quantities of water exist, and the only planet in the Universe on which life is known to exist. Earth has one natural satellite (the Moon). EDT : ...

Jupiter, the largest planet in the solar system, has a diameter of 142,984 km (88,846 miles) and is more than 10 times wider than Earth. Neptune is the smallest of the outer planets with a diameter of 49,532 km (30,779 miles), and is over 4 times wider than Earth.

Welcome to Bob the Alien's Tour of the Solar System. Join me and my dog, Bobsdog, for an exciting journey around your Solar System and beyond. We will visit peculiar planets, mysterious moons, amazing asteroids, crazy comets and, if we have time, we can look at some stars too!

Makemake was discovered on 31st March 2005, by a team of astronomers led by Mike Brown at the Palomar Observatory in California. They used a telescope specifically designed to search for objects far beyond Neptune in a region of space called the Kuiper Belt, an area filled with small icy bodies orbiting the Sun.

Caverswall Palace Productions features information for children about Callisto. The information is provided as part of Bob the Alien's Tour of the Solar System. Callisto is an orbiting...

Stars come in many different sizes. The size of a star can be affected by its internal heat or its age. For example, when the Sun gets older, it will expand so much that the four Inner Planets, Mercury, Venus, Earth and Mars, may be swallowed up by it. A hot star is also brighter, bigger, but uses its supply of hydrogen quicker so that it dies sooner than cooler stars.

Titan is the second largest moon in the solar system. Its diameter (width across the equator) is 5,150 kilometres (3,200 miles) making it larger than objects such as the planet Mercury (4,878 kilometres / 3,031 miles), dwarf planet Pluto (2,390 kilometres / 1,430 miles) and Earth's Moon (3,475 kilometres / 2,159 miles). The only moon larger than Titan is Ganymede, a moon of ...

Bob the Alien's Tour of the Solar System is designed to provide information about the fascinating topic of astronomy and space exploration. We publish this information online so that it can be spread far and wide across the entire planet, and maybe other planets too. There may be various reasons why you would like to use content from this ...

Uranus is the seventh planet from the Sun in the Solar System "s a bluey-green gas giant that was discovered in 1781 by William Herschel. This makes Uranus the first planet to be discovered as the planets known before its discovery are easily visible from Earth and have been known about for thousands of years. Uranus orbits on

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its side and has at least 27 moons known to ...

Most Massive Dwarf Planet: Eris is the most massive known dwarf planet in the Solar System. **Most Distant Dwarf Planet:** At certain points in its orbit, Eris is the most distant known dwarf planet from the Sun. **Discovered in 2005:** Eris was discovered on 5th January 2005 by a team led by Mike Brown. **Named After Greek Goddess:** The dwarf planet is named after Eris, the Greek ...

Since the 1950s, human beings have been blasting all kinds of spacecraft into space in their quest to discover more about the universe. Some stay quite close to Earth while others take longer distance trips out to the solar system's planets and moons. A small number are even making their way out of the solar system.

Originally created in 2000 and still going strong, the website allows its visitors to join Bob the Alien and his dog, Bobsdog, on a trip around the Solar System and the Universe beyond. Bob the Alien's Tour of the Solar System is split into sections dedicated to each of the main celestial objects. It also looks into the history of astronomy and ...

The outer planets don't mark the edge of the Solar System - there is still a lot more of the Solar System lying beyond the orbit of Neptune. There is the Kuiper Belt for example, an area where most of the dwarf planets exist. These are worlds like Pluto, Haumea, Makemake and Eris, plus many more like them that don't have names.

Pluto's orbit is highly elliptical and inclined when compared to the eight major planets in the Solar System. It ranges from about 4.44 billion kilometers (2.76 billion miles) at its closest approach to the Sun, known as perihelion, to 7.38 billion kilometers (4.59 billion miles) at its farthest point, called aphelion.

The nearest planet to Neptune is Uranus, although they're not really near to each other at all. The gap between their orbits is about 1.6 billion kilometres (1 billion miles), the largest gap between any two planets in the Solar System. The next ...

Mighty Mercury is the closest planet to the Sun, orbiting it at a distance of about 58 million kilometres (36 million miles). As it is so close, it only takes it 88 days to complete one journey around the Sun. Compare this to Neptune, the most distant planet in the solar system, which takes almost 165 days to get around.

Pluto was once considered to be a planet. Pluto was classified as the ninth planet in the Solar System after its discovery in 1930, but it was reclassified as a dwarf planet in 2006 due to the discovery of other similar-sized objects in the Kuiper Belt.

The announcement of Haumea's existence in July 2005 sparked both excitement and controversy among the scientific community. The drama unfolded with two teams of astronomers, one led by Mike Brown in California, USA, and the other led by José Luis Ortiz Moreno in Spain, each claiming the discovery of this distant world.



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