

Stars produce their own light and heat. This happens because the gases that makes up stars are always exploding! Planets and moons get their light and heat from the stars.

When we say 'the universe', we are talking about everything that exists. The universe is spilt up into lots of different galaxies. The galaxy that our solar system is in is called the Milky Way.

Most planets in the solar system have moons. The moons orbit the planets. Earth's moon takes 28 days to go fully around the earth. Some other planets have much more moons. Jupiter has 63!

The sun is one very big and very hot place. The temperature at the core of the sun is 15 million degrees. On the surface it reaches 6000 degrees! You would be able to fit 1.3 million earths inside the sun!

There are millions of stars in the universe. The closest star to planet Earth is the sun. That is where we get all our heat and light from. Without the sun, there would be no life!

A meteor is a bright streak of light that can be seen on Earth. They are also called shooting stars. Meteors happen when parts of asteroids break off start to burn. That is what causes the bright light we see!

There are 8 planets in the solar system. They are split up into the inner planets and the outer planets. In between Mars and Jupiter is the asteroid belt, which separates the two groups of planets from each other.

Asteroids and comets are both smaller than planets. Asteroids are made from rock and metal. Comets are made from dust, gas and ice.

When we say the 'solar system', we are talking about everything that orbits the sun. The sun provides all of the heat and light for everything in the solar system.

Planets are almost spheres, like a ball. Gravity pulls everything towards the middle of the planets. Different planets have different strengths of gravity! Jupiter has the strongest gravity of our planets.