

Space

By Paolo Lawrence

Space is a vast, seemingly infinite area and has a lot of mysteries to it.



How was Space Made?

No one knows what made the universe, but the most plausible thing that made space is The Big Bang theory. Before The Big Bang theory there was absolutely nothing. No sun, no moon and even no time. The Big Bang theory made quarks and electrons fly everywhere. These eventually made atoms to form planets, stars, you and me and everything around us.



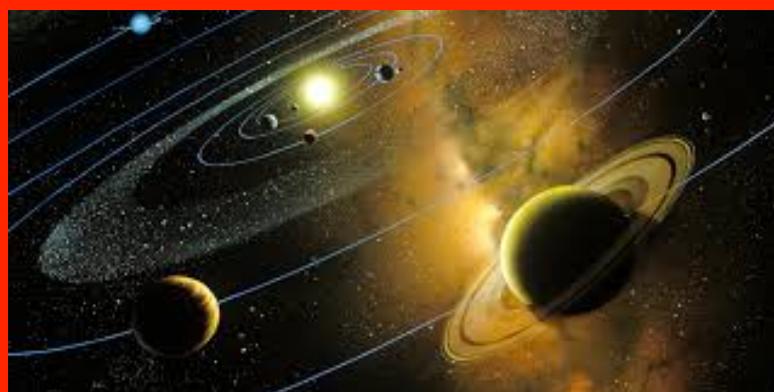
Our Solar System

Introduction

There are 8 planets in our solar system. Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto. And of course the big daddy, the sun.

The four rocks

Mercury, Venus, Earth and Mars are the closest planets to the sun in our solar system. Venus is by far the hottest planet in our solar system even though mercury is closer to the sun ((by max amount of hotness) Venus: 462 degrees Celsius. Mercury: 427 degrees Celsius) these temperatures are hot enough to melt lead. Earth is the largest of them (woo hoo!).



Our Solar System

continued

The gas giants

Jupiter, Saturn, Uranus and Neptune are the furthest planets from the sun in our solar system. The sun is 10x larger than Jupiter (considering that the sun is 1, 391,980km in diameter. All the giants have rings.

Poor old dwarfy...

Pluto is a dwarf planet and is smaller than the moon! But one surprising thing about dwarfy is it has 3 moons! New horizons has discovered what Pluto looks like (as seen below).



Pluto



Black Holes

Black holes form when a star collapses onto itself (only if it's big enough). Their gravitational pull is so strong that it sucks in everything (including light) and because it sucks in light it makes them invisible. There may even one in the center of our galaxy!



Birth of a star

The birth of a star is called a nebula, and they are made up of gas and dust. The star forms when the nebula begins to shrink then splits up into swirling clumps. As each piece continues to fall apart the material inside gets really hot and when it reaches to 10 million °C nuclear reactions start and the star is made.



<-Witch head
nebula

Eagle nebula ->



**Thanks for
watching!**

