

The Sun

The Sun, with all of its fiery glory, has some crazy facts in the dark, black, mystical, void that is space. Brighter and bigger than anything, the sun only has 5 billion years before it dies, so scientists are trying to find as much about it in the meantime. How was it formed? How old is it? How big is it? How does it impact life on Earth?

The Sun, as you all may know, is the second biggest star in our galaxy (UY Scuti trumps that). Our sun is 696,340 kilometres wide, and takes up 99.86% of our galaxy. According to professional scientists, more than 1.3 million Earths could fit in the sun. The biggest known planet in our galaxy, Jupiter, could fit into the sun 1,000 times! The sun is almost 110 times the diameter of the Earth.

Our Sun is quite old. The sun was formed around 4.6 billion years ago. It has been around for 4.603 billion years, and has been here well before the dark ages. Our wonderful Sun gives off light to Earth at the speed of 299,792 km per second. The Sun is amazingly hot, with an average temperature of 15 million degrees celsius! That is like doubling the heat of lava more than 12 times! That means, if you all of a sudden floated up to space with your normal clothes on and travelled toward the sun, you would only make it 95 yards before you started burning up.

Some people may say that the sun is made of fire, but you would be wrong. The sun is made of gas, this includes hydrogen and helium. These gases have different purposes of each layer of the sun. There are 3 main parts to the layers of the sun. This includes the core, which is the centre of the sun. Then there is the Radiative Zone, which gets its name from the energy it brings to the surface of the sun. The outer layer of the sun is called the Convective Zone, and its energy bubbles at the surface of the sun like a boiling pot of rice.

There are so many interesting facts about the sun! Like how the sun holds 6 ten-billionths (0.000000006) of atoms of gold! That doesn't seem like much, but think about how big the sun is! Also, did you know that the sun is too hot for a moon? Its true! If the sun used to have moons, it doesn't have any left now! The sun is so hot it would melt all of its moons!

So, the sun is an amazing help for all life on earth. It is 15 million degrees celsius, and it takes up 99.86% of our galaxy. It gives light to planet earth, and is evidently rich! What more could the sun do to help us? Without the sun, we wouldn't be here today. Everyone should thank the sun for all that it does for us!