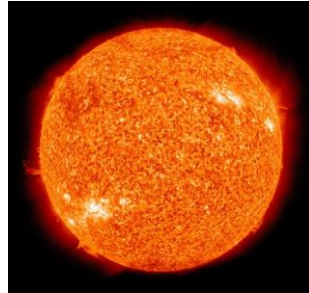


Oscars Space Facts Sheet

2020

The Sun



Our Sun sits at the center of our solar system, without it life on Earth would not exist, heat can be felt from the sun which is a staggering 93 million miles away, the heat and light is produced by nuclear fusion reactions at its core.

Amazingly our Sun originates from clouds and dust called a solar nebula about 4.6 Billion years ago, under gravity the nebula collapsed into itself under gravity and began to spin faster and faster. The spin caused the cloud to flatten into a disc like a pancake, the cloud clumped together to form a Protostar which would eventually become our Sun.

Shining brightly in space providing us with light and heat the Earth is far enough away for life to flourish here on Earth, we all take the Sun for granted but without it we would not be here.

DID YOU KNOW ?

The Sun is huge compared to the Earth, you could fit 1.3 million Earths into it

Facts and Figures

- 4.6 Billion Years Old
- Light takes 8 minutes to reach Earth from the Sun
- Temperature reaches 15 million degrees Celsius
- The Sun is middle aged and will last another 4.6 billion years
- The Sun is almost a perfect Sphere
- The Sun is a Yellow Dwarf (G2V)