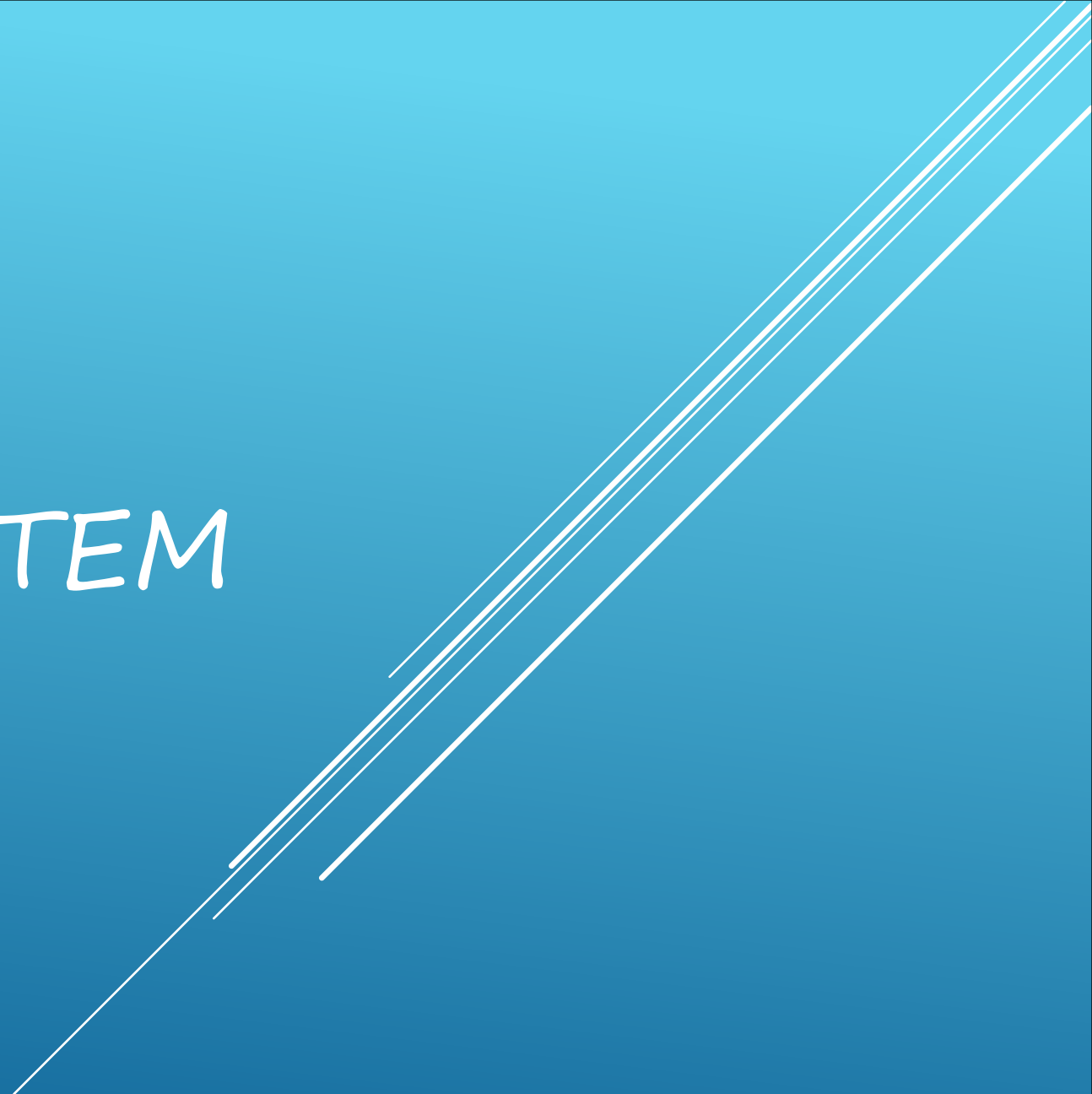


THE SOLAR SYSTEM

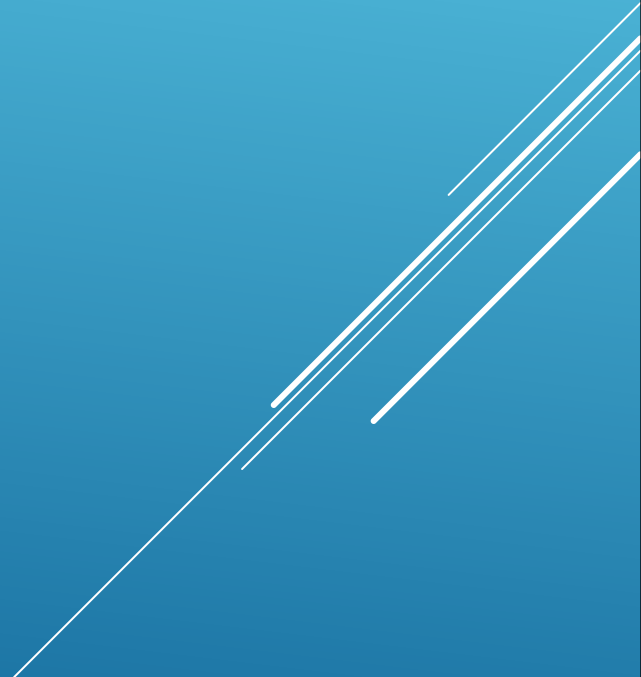
By David Houlihan



Introduction:

The Solar system we live in contains the Sun at its centre and 8 planets orbiting it. This includes the planet Earth where we all live.

There are many solar systems in the universe but we will only be looking at our one here.

Several white lines of varying lengths and thicknesses are drawn diagonally across the bottom right corner of the slide, extending from the right edge towards the bottom left.

THE SOLAR SYSTEM
CONTAINS 8 PLANETS AS
SHOWN HERE.
EACH PLANET ORBITS THE
SUN WHICH IS THE STAR AT
THE CENTRE OF OUR SOLAR
SYSTEM.
MERCURY ORBITS THE SUN
ONCE EVERY 88 DAYS ,
EARTH TAKES 365 DAYS FOR
A FULL ORBIT.
NEPTUNE THE PLANET
FURTHEST FROM THE SUN
TAKES 165 YEARS TO
COMPLETE AN ORBIT. A LONG
WAIT FOR YOUR FIRST
BIRTHDAY!



Facts about our Solar System:

Our Solar system was formed 4.6 Billion years ago.

Mercury is closest to the Sun and has a temperature during the day of 427 Degrees Centigrade, although Venus which is further away from the Sun is hotter at 465 Degrees centigrade as it has a thicker atmosphere that keeps the heat trapped.

There are 5 Dwarf planets in the Solar system also. Pluto has recently been downgraded from a planet to a dwarf planet.

For thousands of years humans were unaware of the Solar system as we understand today. They thought the Earth was the in centre of the Solar system.(They also thought the earth was flat!)

Facts about our Solar System:

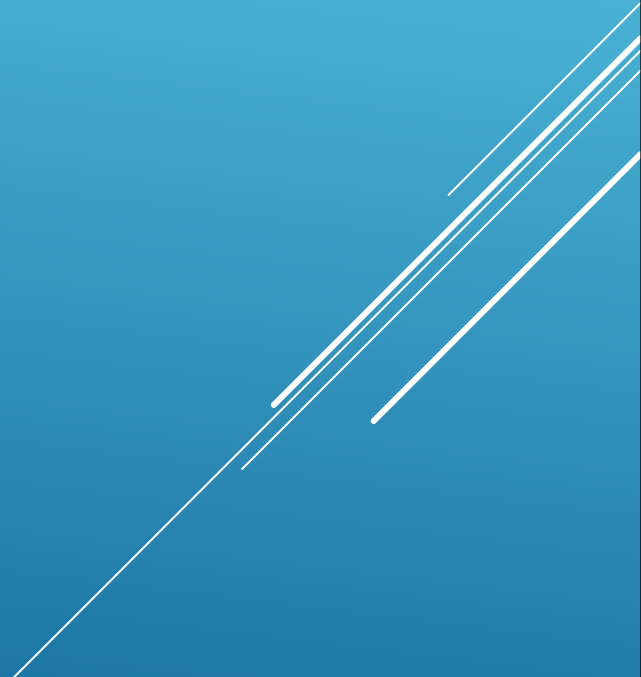
We sent a probe into space in 1977 called Voyager 2. Voyager 2 took 12 years to get from Earth to Neptune. It has now left the Solar system and is heading into Deep Space.

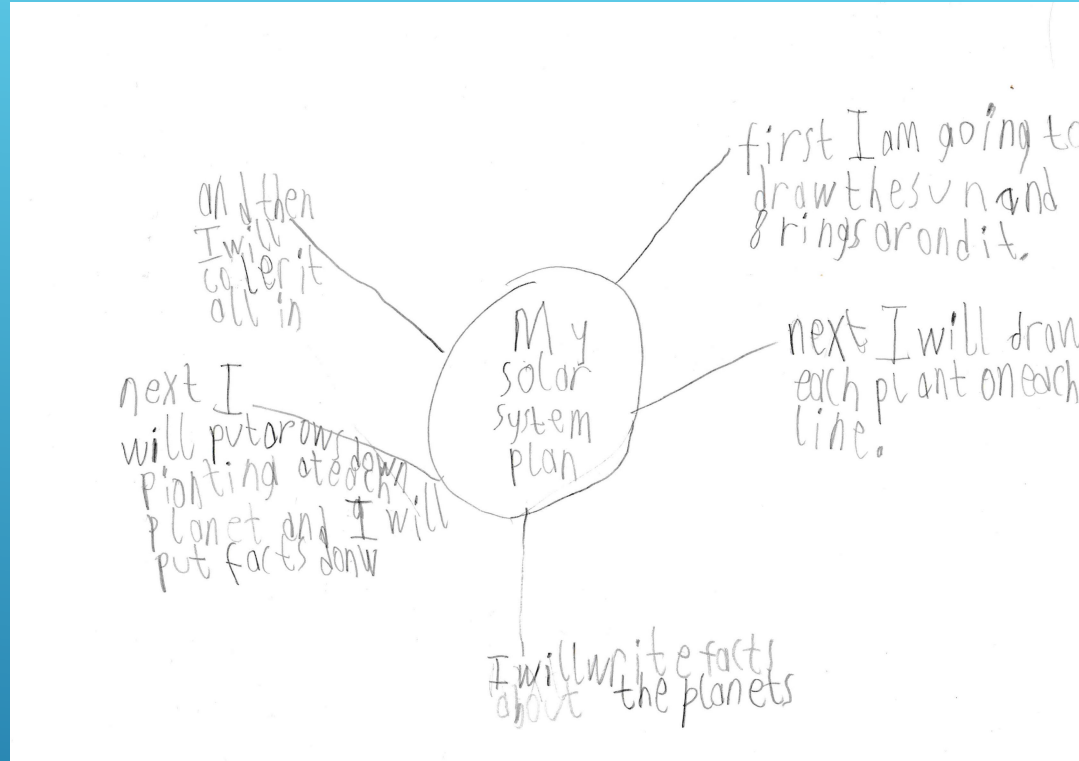
The Solar System has four inner planets and 4 outer planets. The 4 inner planets are smaller and rockier. The 4 outer planets are bigger and are made up of more gas. They are called Gas Giants.

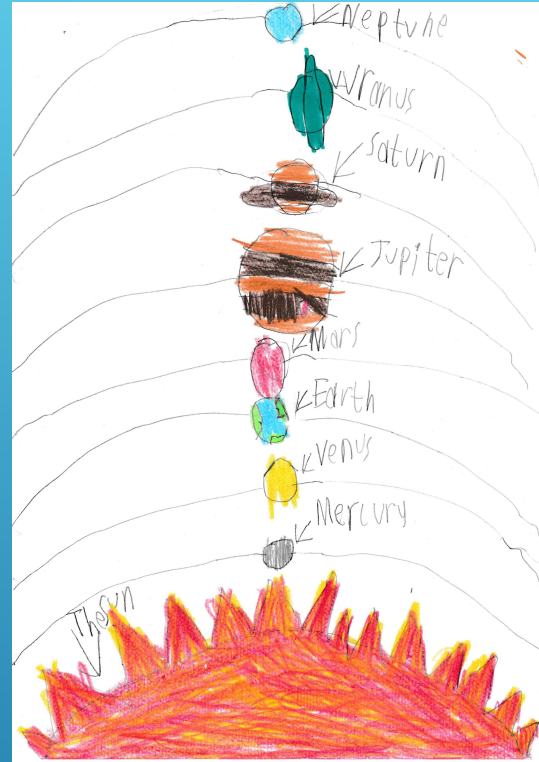
As well as the planets orbiting the Sun, there are also comets, asteroids, Meteoroids, moons and dwarf planets

.Sun makes up 99.86% of the Solar System Mass.

ROUGH WORK FOR PROJECT:







Our solar system formed 4.6 billion years ago.

As Mercury is closest to the sun the temperatures on this planet can reach 427°C / 800°F by day.

Solar systems includes a star (in our case the sun) and all objects that orbit it.

There are five dwarf planets in the solar system: Pluto, Haumea, Makemake, Eris, and Ceres.

For thousands of years humans were unaware of the solar system and believed that Earth was at the center of the universe.

The inner planets (also known as terrestrial planets) are smaller and made mostly of rock and metal.

The outer planets (also known as gas giants) are much larger and made mostly of hydrogen, helium, and other gases.

There are eight planets in the Solar System. The four inner planets are Mercury, Venus, Earth, and Mars while the outer planets Jupiter, Saturn, Uranus, and Neptune are gas giants.

The Solar System includes the Sun and all that orbit around it due to its gravity. This includes things such as planets, comets, asteroids, meteoroids, and moons.