



People



Katherine Johnson



Chris Hadfield

Yuri Gagarin



Valentina Tereshkova



Neil Armstrong



Tim Peake



Mae Jemison



We live in a galaxy called 'The Milky Way.' Our Solar System is made up of 8 planets orbiting the sun which is a giant star.



Places

Foundation Stage Knowledge Organiser

SUMMER 2

3...2...1...BLAST OFF!



DANE ROYD SCHOOL



Facts

Facts about the Solar System

- Everything in our Solar System revolves around the Sun. The Sun is at the centre of the Solar System.
- The time it takes for a planet to revolve on its axis once is called a day. The time it takes for the planet to orbit the Sun once is called a year.
- The objects in the Solar System fall into different groups, which occupy different regions.
- Four rocky planets (Mercury, Venus, Earth and Mars) are closest to the Sun.
- The 'main asteroid belt' is beyond Mars. This is a band of asteroids which sit between the orbits of Mars and Jupiter.
- Next are the four larger planets, the 'gas giants', (Jupiter, Saturn, Uranus and Neptune).
- Beyond Neptune lies the Kuiper Belt, two areas occupied by comets and other small objects which are too small to be considered planets.
- The Oort Cloud is a vast area which sits beyond the Kuiper belt. It is made up of millions of comets which don't orbit the Sun in a ring but instead move around in a completely random direction.
- The Solar System formed around 4.6 billion years ago.

Find more info here:



<https://spaceplace.nasa.gov/menu/solar-system/>

Pluto used to be considered a planet but was reclassified as a **Dwarf Planet** in 2006

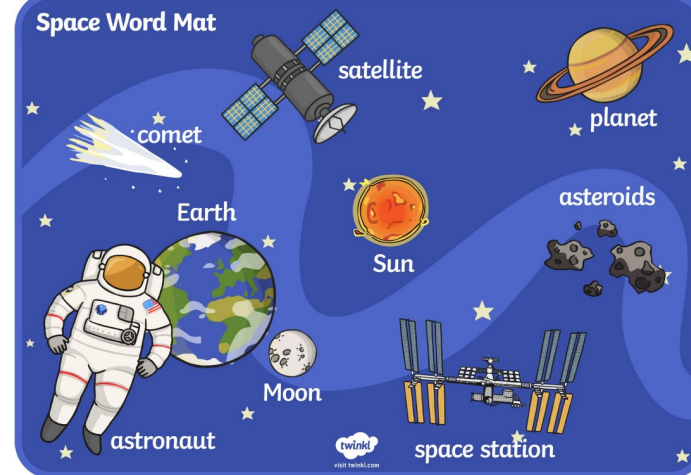


The **Moon orbits** Earth in an oval-shaped path while spinning on its **axis**. At various times in a month, the **Moon** appears to be different shapes. This is because as the **Moon rotates** round Earth, the **Sun** lights up different parts of it.



Words

Space Word Mat



Our Class Texts

Astro Girl
 Counting on Katherine
 Racoon on the Moon
 Once There was a Boy
 The Way Back Home
 Look Up
 How to Catch a Star
 My Pet Star
 Here We Are

Reading Spine Texts

1. The Birthday Crown
2. Katie in London
3. Romeo's Tea with the Queen
4. The Queen's Knickers
5. The Queen's Hat
6. The Queens's Handbag

