

## People



Laika



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.



# Upper Foundation 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 Kings Pants
- 2) The Kings Hats
- 3) Peppa and the Coronation
- 4) Busy Royal Family
- 5) Mr Men Little Miss the new king
- 6) King Charles Colourful Coronation
- 7) Pussy Cat Pussy Cat

