

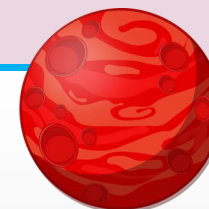


Inspiring awe and wonder in the unknown.
Outcome: A brief knowledge of the solar system, astronauts and stars.



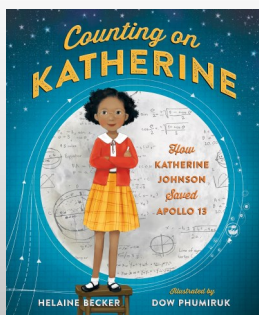
Earth and beyond—brain busting facts!

Our planet is called **Earth**. It is the 3rd planet of 8 in order from the sun. Our solar system is defined as 'the gravitationally bound planetary system of the sun.' It incorporates everything that orbits the sun, including 8 known planets, 5 known dwarf planets, including over 500 natural satellites, over 750,000 minor planets, over 4000 comets. Our solar system is approximately 4.5 billion years old and sits within the Milky Way galaxy. The Milky Way is one of approximately 1 hundred billion galaxies in the observable universe. Our next nearest galaxy is the Canis Major Dwarf Galaxy, and travelling at the speed of light it would take 158,200 years to reach it.

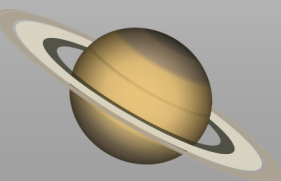


Knowledge

Organiser:



Vocabulary	Definition
Astronaut	A person who is trained to travel in a spacecraft.
Constellation	A group of stars forming a recognisable pattern that is traditionally named after its apparent form or identified with a mythological figure.
Planet	A celestial body moving in an elliptical orbit around a star.
Solar System	A collection of planets and their moons orbiting a star, together with smaller bodies in the form of asteroids, meteoroids and comets.
Space	The expanse that exists beyond the Earth and between celestial bodies.
Star	A fixed, luminous point in the night sky which is a large, remote, incandescent body, like the sun.



<p>Science—Autumn 1</p> <p>Year R</p> <p>During the Autumn term, Year R will be learning about changes to the weather and seasons</p> <p>Years 1-2 Everyday Materials</p> <p>Our theme for this unit will be identifying and the uses of everyday materials.</p> <p>Children will learn about solids, liquids and gases. They will be naming materials, sorting materials and thinking about how they can be best used to suit a purpose.</p>	<p>SHINE—Autumn 1</p> <p>My Well-Being</p> <p>This unit will focus on emotions and feelings.</p> <p>The children will learn or revisit different feeling words, thinking about how body language & facial expressions might show what someone is feeling. They will also learn and discuss class rules and investigate stories or scenarios about people's emotions and feelings.</p>	<p>History—Autumn 1</p> <p>Change & development, cause & effect</p> <p>In this unit, children will find out about space exploration, answering questions such as 'when did we discover planets?' and 'how do we know so much about them?'</p> <p>The children will find out about cause and effect and how decisions made in the past have led up until the present day.</p>	<p>PE—Autumn 1</p> <p>Year R-body management</p> <p>Year 1 & 2 -attack, defend, shoot</p> <p>This unit will introduce or revisit basic ball skills.</p> <p>During this unit of work, the children will learn or revise how to use their hands and feet to control, stop and move a ball around. They will learn about individual and partner work, building towards some simple team games.</p>	<p>Music—FOUNDATION WEEK WB 16.10.2023</p> <p>Year R—Celebration music</p> <p>The children in music for a range of celebrations</p> <p>Year 1—Chanting & percussion</p> <p>Year 1 will revisit musical vocabulary before learning a simple chant accompanied by percussion instruments.</p> <p>Year 2—Dance, Timbre, Tempo</p> <p>The children will listen to and learn about a range of music and define/identify the timbre and tempo of each piece before learning a simple dance routine!</p>	<p>Art—FOUNDATION WEEK WB 16.10.2023</p> <p>Year R-singing songs</p> <p>Children will learn some simple songs across the term, including all the necessary ones for our performance of the Nativity.</p> <p>Year 1 & 2-work of other artists</p> <p>In this unit, children will explore a number of artists but Kandinsky in particular. They will learn collage techniques and build towards making their own SPACE themed picture.</p>
<p>Science—Autumn 2</p> <p>Year R—see above</p> <p>Year 1—magnet powers</p> <p>Children will learn about magnetic forces and the uses of magnets in everyday life.</p> <p>Year 2-Seasonal Changes</p> <p>Children will find out about how and why seasons change and what happens when they do.</p>	<p>RE—Autumn 2</p> <p>Year R—We are all different</p> <p>The children will learn about differences in faith and culture, in our class and the wider world.</p> <p>Year 1—Friendship</p> <p>Children will learn about the values of friendship and how to be a good support to others.</p> <p>Year 2—Rules & routines</p> <p>This unit explores the rules and routines of religions and cultures.</p>	<p>Geography—Autumn 2</p> <p>The UK and the World</p> <p>In this unit, the children are introduced to, or revisit, map skills and using maps & atlases. They will use them to explore the United Kingdom, learning about the customs and places of each of the four UK countries.</p>	<p>PE—Autumn 2</p> <p>Year R-1-2 Dance</p> <p>This unit will introduce or revisit basic dance skills.</p> <p>During this unit of work, the children will be linking to their gymnastics learning about a range of body movements, before sequencing these to create and perform a simple dance.</p>	<p>Computing—FOUNDATION WEEK WB 11.12.2023</p> <p>Year R—Exploring hardware</p> <p>In this unit, the children will explore and learn about a range of computer equipment, naming screens, keyboards and other accessories.</p> <p>Year 1—Programming</p> <p>The children will follow instructions and create simple programmes</p> <p>Year 2—International Space Station</p> <p>The children find out about the uses of technology in space.</p>	<p>DT—FOUNDATION WEEK WB 11.12.2023</p> <p>Year R—Making props</p> <p>The children in Year R will make props and learn songs for their Nativity show (more details to follow!)</p> <p>Year 1-Wheels & axels</p> <p>Year 2-Mechanisms</p> <p>Our older children will learn about toys with moving parts and try to use some of these techniques to make simple creations.</p>