



Medium Term Plan - Y5 (AUTUMN)
OUT OF THIS WORLD



<u>Intent</u>		<u>Implementation</u>								<u>Impact</u>				<u>Celebration & sharing</u>			
<p>Within this topic, Y5 will learn about early scientists' research into space, how this has impacted modern research and explorations into space as well as the events of the Space Race which saw human life venture into space for the first time and allowed for vastly improved research across our solar system and beyond.</p> <p>Alongside this, Y5 will develop their understanding of how the Solar System works to greater understand the planets, how we experience day and night and how the Moon appears to change shape in the night sky.</p>		<p>During our lessons at school, children will conduct their own research, evaluating and comparing a variety of sources to determine its accuracy and reliability, particularly in discussing the different USA and USSR viewpoints of the Space Race. In science, we will use a variety of different models to explore the movement and surface of different planets, picking out the pros and cons of each model to determine its effectiveness.</p>								<p>Y5 will develop an understanding of how we have come to know and understand various aspects of space and our solar system, from the theories of early scientists such as Copernicus and Galileo and how these have impacted 20th and 21st century research.</p> <p>Y5 will develop their enquiry question skills by ordering, comparing and evaluating key historical events and the figures behind them which have impacted present day space exploration and research.</p> <p>Through a culmination of reading, writing, debating and creativity, Y5 will develop their understanding of how Earth, the Sun and other planets act in our solar system to explain phenomena relative to our experiences on Earth.</p>				<p>Y5 will share their end of term performance with parents and the rest of the school. Parents will be invited in to share their TASC creations as well as seeing their class assembly performance.</p> <p>Y5 will share their learning through Tapestry to their parents.</p> <p>Children will also show their learning through their POW homework projects.</p>			
Term	Autumn 1								Autumn 2								
Subject/Week	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
English	Fiction: Science fiction third person chronological narrative				Non-fiction: Autobiographies:				Exploration narrative: When We Walked on the Moon - David Long				Non-fiction: Newspapers				
Guided Reading book	Cosmic - Frank Cottrell Boyce											Lunar - Chris Bradford					
Spelling	Y5 spelling rules covered and recapped																
Handwriting	Tricky joins revision and spelling words								Tricky joins revision and spelling words								
Maths	Multiplication consolidation & Roman Numerals	Place Value up to 1,000,000	Round ing	Formal methods of addition and subtraction	Place Value: Negative numbers	Properti es of 2D shapes	Meas ureme nti Perim eter	Statistics	Multiplicatio n and division by powers of 10	Multiplica tion and division: Prime numbers, multiples and factors	Equivalent fractions	Compare and order fractions	Add and subtract fractions				
Science	Space								Forces								
Computing	Online Safety				Systems and Networks				Online Safety				Vector Drawings				
History	1955 - 1975 The Space Race								Scientific discoveries related to space				Class Assembly preparation and performance (TASC Week)				

Geography	Geography Day			Geography Day	Name and locate rocket launch sites and refer to time zones		
Art	Use of colour and painting: oil pastel perspective design	Artist study - Van Gogh Drawing (texture and tones)		Collage		Use of colour and painting: Watercolour wash	
DT	Mechanics: Space buggies			Construction: Space shuttle		Materials: Strengthening materials for purpose	
PE 1	Tag Rugby			Indoor Athletics/ Multi-Skills			
PE 2	Gymnastics - movement		OAA orienteering and map reading	Netball		OAA orienteering and map reading	
Spanish	Phonetics 3	Do you have a pet?		Traditions and celebrations			
RE	Sanatana Dharma What is the best way for a Sanatani to show commitment to God?			Christianity Is the Christmas Story true?			
Music	NMPAT Brass Sessions			NMPAT Brass Sessions	Class Assembly		Christmas Performance
PSHE	Being me in my world	First aid	PolEd Understanding the Law	Celebrating difference		Radicalisation & Extremism	First aid
Class enrichment	Now Press Play	Tow Car Do		Y5 Space Camp:p'		Now Press Play	
Whole School enrichment days	Harvest	Black History Month		Diwali	Christmas performance / nativity		Pantomime
Class Assembly	N/A			Out of this World! Class Assembly			