

Topic Hook	Is Space out of this world?					
	Suggested Activities	Enrichment Activities	Writing Opportunities	Numeracy- Application of skills	ICT- Application of skills	Assessment
Science	Earth and Space Earth, Moon and Sun Model. Research and produce Moon reports. Phases of the Moon Day and Night experiment with torches. Time zones.	Rockets (bicarbonate of soda and vinegar) Centre for Life	Instructions and report writing Diagrams Explanations	Statistics	Statistics Excel	Topic quiz
STEM	Balloon rockets Measuring speed and distance	Links to Newton on reactions	Explanation text	Graph results	Writing code of explanation text - flow diagram	Completion of model, measurements and evaluation
History	Man landing on the moon (Neil Armstrong) Humans and animals in space (Laika, Albert) Space race (timeline) Women in space (Katherine, Mary and Dorothy- sources) Ptolemy, Alhazen and Copernicus - history of the understanding of the solar system	Drama - landing on another planet Debates on women in space Greenscreen - landing on the moon.	Letter to Tim Peake Newspaper report writing Diary writing of Apollo 13 reports	Timeline of events Cause and effect of the space race	Research projects - the Moon, ISS. Tim Peake Espresso Purplemash - Coding (rocket launch)	Can pupils select and use a wide range of sources to answer questions about the past? Describe a range of different features of key historical events and their impact
Geography	Identifying and	Graph of	Make Factfile	Distance and size	Google expedition	Present findings and

	<p>investigating planets (Science links time zones, day/night)</p> <p>Location of ISS participants (flags, mapwork)</p>	<p>planets temps/size/distance from sun etc</p> <p>Phases of the moon</p>	<p>cards on the planets</p> <p>Space tourism leaflet/brochure</p> <p>Mnemonics</p>	<p>of planets etc</p> <p>Scales - size of the planets</p>	<p>- visit Mars</p> <p>Database of the planets</p>	<p>statistical information in a range of different ways</p> <p>Use primary and secondary sources to find information</p>
Art	<p>Notan Art</p> <p>Peter Thorpe - abstract art</p> <p>Art John (Youtuber) - pastel work (Earth, stars and moon)</p>		<p>Planning and evaluation template</p>		<p>Research of artists</p>	<p>Explore and respond to direct sensory experiences, and to memory and imagination, natural and made environments.</p>
Music	<p>Music appreciation of Holtz Planet Suite</p> <p>Fly me to the moon</p> <p>Learn and perform</p> <p>Moon phases song</p> <p>Space Odyssey- David Bowie - support from Mr Nelson</p> <p>Charanga Learning new musical skills/concepts and revisiting them over time and with increasing depth.</p>	<p>Explore sounds to represent the planets</p> <p>Write a score for the launch of a rocket.</p> <p>Public service broadcast - the race for space album</p>	<p>Diary entry in role of spaceman from David Bowie's song (guided read)</p>			<p>Develop some understanding of how artists develop, express and represent their ideas.</p> <p>Compare and recreate shapes and patterns in nature and the environment.</p>
D/T	<p>Star constellation with string and pins (canvas)</p>	<p>Myths and legends of the</p>	<p>Complete own myth and legend</p>	<p>Measurement of time, distance</p>		<p>Use research to develop design criteria</p>

	<p>Make ISS - choose relevant materials</p> <p>Links to STEM: rockets - see above</p>	<p>constellations and nebulas.</p> <p>Make balloon rocket and chemical rockets</p> <p>Design and make space food recipes.</p>	<p>Evaluate techniques.</p> <p>Take photographs of each step to make rockets and write instructions.</p>	and speed.		<p>that are fit for purpose.</p> <p>Use annotated sketches, cross-sectional, exploded diagrams and increasingly complex prototypes.</p> <p>Support discussions about ideas, plans and designs with relevant information.</p>
RE	<p>What is it like to follow God? Explore key features of the story of Noah. Understand the term 'covenant' and how it links with everyday life (including marriage and rules) Understanding the importance of saying sorry</p> <p>What kind of world did Jesus want? Calling of the first disciples Jesus healing a leper Role of a reverend</p> <p>Why do Christians call Jesus the light of the</p>	<p>Drama/role play of the healing of the leper</p>	<p>Explanations of the issues and beliefs.</p> <p>Summary of covenants</p> <p>Write up of a group table contract</p> <p>Writing a job role/advertisement (reverend)</p>		<p>Use various forms of research to explore the key aspects of the questions.</p>	<p>Support discussions. Present thoughts and ideas</p>

	world? Advent ring Visual literacy/art:analysis of the importance of light					
ICT	Coding - make traffic lights for in space for space ships Use scratch 3 to make an animation of space rocket taking off		Write an explanation of how the traffic lights work	Grid references in scratch to include negative numbers	Saving projects in named folders. Managing folders and saved work. Practise key board skills	
MFL	Revision of Families Use of feminine and masculine Write simple sentences about your family Speak and respond to questions	Learn and sing Dans ma famille, with actions	Ongoing about pupils' families Letter writing	Numbers to 30 in figures and words		Oral and marking in books, termly assessment