

Curriculum Year 6 Term 2: The Story of Space-Settlement on Mars

	Curriculum	Local Context
History	<p>A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066, for example: changes in an aspect of social history.</p> <p>The building of the post war Council Estates</p>	<p>The British historical tradition of exploration and conquest. The post war housing estates- local history. How has space exploration changed the world that we live in?</p>
Geography	<p>Human and physical geography: Including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.</p> <p>Geographical skills and fieldwork: Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world</p> <p>Use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.</p>	<p>Analyse the local estate – how was it planned and built? Plus a new development that is currently being built.</p> <p>Satellite mapping.</p> <p>Creating a settlement – what is needed? Land use/trade links/distribution of resources.</p> <p>Plans of space – distance between the planets – how is this represented in diagrams?</p> <p>Physical features of Mars.</p>
Science	<p>Animals Including Humans: Identify and name the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. Describe the ways in which nutrients and water are transported within animals, including humans.</p>	<p>The intense regime of the space traveller – fitness, diet. Micro-organisms.</p>

Design and Technology	Food: Understand and apply the principles of a healthy and varied diet. Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.	Use of locally produced products to design a space traveller's daily menu.
Art	To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, paint, clay)	Representations of the night sky. Van Gogh How art was influenced by the space race.
Music	Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression Improvise and compose music for a range of purposes using the inter-related dimensions of music Listen with attention to detail and recall sounds with increasing aural memory Use and understand staff and other musical notations Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians Develop an understanding of the history of music.	Ukulele and Djembe drumming and general musicianship lessons delivered by Norwich Music Service Assembly music Christmas Concert
PE	Play competitive games, modified where appropriate, such as badminton, basketball, cricket, football, hockey, netball, rounders and tennis, and apply basic principles suitable for attacking and defending.	Invasion games
Computing	Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. Use sequence, selection, and repetition in programs; work with variables and various forms of input and output Use logical reasoning to explain how some simple algorithms work	Scratch programme. Cross Curricular: PowerPoint/Keynote, CAD, Tables, Word documents

	and to detect and correct errors in algorithms and programs	
French	<p>By engaging with other languages, including, where appropriate, those used in their communities, children should: 1. look at the patterns, structures and origins of languages in order to understand how language works 2. listen to and join in with conversation in other languages and communicate about simple, everyday matters 3. understand how learning other languages can help them appreciate and understand other cultures as well as their own.</p>	French lessons delivered by specialist teachers from CAN
English	<p>Reading, Comprehension, Spelling, Handwriting Composition, Vocabulary, grammar and punctuation</p> <p>In writing children should: 1. learn to write for a variety of purposes, for a range of audiences and in a range of forms 2. develop their understanding of how writing is essential to thinking and learning and is enjoyable, creative and rewarding 3. explore writing using different media including web pages and multimodal formats in English and in other languages.</p>	<p>Writing in context:</p> <p>Argument texts, journey/quest story/ diary entries, suspense story, portal stories, journalistic writing.</p>
Maths	<p>Breadth of learning: During the year, pupils should be taught the knowledge, skills and understanding through:</p> <ul style="list-style-type: none"> • practical activity, exploration and discussion • using mathematical ideas in practical activities, then recording these using objects, pictures, diagrams, words, numbers and symbols • estimating, drawing and measuring in a range of practical contexts • drawing inferences from data in practical activities • exploring and using a variety of resources and materials, including ICT <p>activities that encourage them to make connections between number work and other aspects of their work in mathematics.</p>	<p>Maths in context:</p> <p>Distance to planet/time, resources needed, population statistics, recipes for healthy diet. Design and rocket construction shape 3D Measuring, converting and scaling up and down. Volume of a sphere. 3d shape Ratio and proportion</p>

<p>British Values and SMSC</p>	<ul style="list-style-type: none"> • An understanding of how citizens can influence decision-making through the democratic process • An appreciation that living under the rule of law protects individual citizens and is essential for their wellbeing and safety 	<p>Debate and votes on relevant issues. Class elections</p> <p>Social: Using drama to explore the life possible on Mars.</p> <p>Moral: How to make laws? Accept or reject new comers from other parts of the globe in the Off Earth Experiment.</p> <p>Spiritual: 'Leaving our lands' for a far planet and new way of life. Drama concerning the moment of leaving home shores. What will we write to our loved ones?</p> <p>Cultural: Adaptation and integration of a belief system or will the Mars project reject Earth concepts and outlaw religion?</p>
--------------------------------	---	--