

Year 5		1 st Half Term	2 nd Half Term
Theme/Topic title		Time Travel	H ₂ O
Educational visits/Visitors		Forest School sessions	
Hook		Wonderstruck images	Water bowls
Texts		<ul style="list-style-type: none"> • Wonderstruck by Brian Selznick • Galileo Galilei • Non-fiction texts linked to America and time travel • Women in Science: 50 Fearless Pioneers Who Changed the World (Rachel Ignotofsky) 	<ul style="list-style-type: none"> • Wind in the Willows by Kenneth Graham • Non-fiction texts linked to water
Guided Reading		<ul style="list-style-type: none"> • A Rocketful of Space Poems by John Foster and Korky Paul • Ground Control Major Tim by Clive Gifford 	<ul style="list-style-type: none"> • Holes by Louis Sachar
English	Fiction focus	<ul style="list-style-type: none"> • Narrative 	<ul style="list-style-type: none"> • Older Literature • Adventure
	Non-fiction focus	<ul style="list-style-type: none"> • Leaflet • Letter 	<ul style="list-style-type: none"> • Non-fiction texts • Reports
	Poetry	<ul style="list-style-type: none"> • Poems linked to space 	<ul style="list-style-type: none"> • Water cycle poems including figurative language
Mathematics	Content overview	<ul style="list-style-type: none"> • Number and Place Value • Addition and Subtraction • Multiplication and Division • Fractions • Measurement • Geometry • Statistics 	
Science	Focus	Earth and Space	
	Content overview N.C. P.O.S.	Pupils will be taught to: <ul style="list-style-type: none"> • Describe the movement of the Earth, and other planets, relative to the Sun in the solar system • Describe the movement of the Moon relative to the Earth • Describe the Sun, Earth and Moon as approximately spherical bodies • Use the idea of the Earth's rotation to explain day and night, and the apparent movement of the sun across the sky 	
	Cornerstones Investigation	Why do Planets have craters?	Can we track the sun?
Computing	Focus	Algorithms	Problem solving
	N.C. subject content	<ul style="list-style-type: none"> • 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 and to detect and correct errors in algorithms and programs 	<ul style="list-style-type: none"> • Use logical reasoning to predict what might happen when variables and rules within a model change • Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable

		<ul style="list-style-type: none"> Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact 	behaviour; identify a range of ways to report concerns about content and contact
	Online safety message	Linked to Online Safety Day	What privacy settings have you got and should you have?
Geography	Focus	Grid references and maps	Physical and human similarities and differences
	N.C. subject content	<p>Geographical Skills and Fieldwork:</p> <ul style="list-style-type: none"> Use four figure grid references, symbols and key (including the use of Ordnance Survey maps) to develop knowledge of the United Kingdom and the wider world Use fieldwork to observe, measure, record and present the human and physical features in the local area Use four grid references to locate features on an Ordnance Survey or world map Produce scaled maps 	<p>Place knowledge:</p> <ul style="list-style-type: none"> Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America <p>Human and physical geography:</p> <ul style="list-style-type: none"> Describe and understand key aspects of physical and human geography
History	Focus	Historical American Landmarks	
	N.C. subject content	<ul style="list-style-type: none"> Address and devise historically valid questions about change, similarity and difference and significance Understand how our knowledge of the past is constructed from a range of sources Address and devise historically valid questions and follow independent lines of enquiry 	
Physical education	Content overview	Outdoor/Adventurous (with links to Geography) and Swimming	
	N.C. subject content	<p><u>Outdoor/Adventurous (for the term)</u></p> <ul style="list-style-type: none"> Plan routes and orientate maps Respond positively to increasing challenges Listen to feedback and evaluate performance 	<p><u>Swimming content (for the term)</u></p> <ul style="list-style-type: none"> Swim competently, confidently and proficiently over a distance of at least 25 metres Use a range of strokes effectively (for example, front crawl, backstroke and breaststroke) Perform safe self-rescue in different water-based situations
Art and design	Focus	Drawing famous American landmarks in perspective	
	N.C. subject content	<ul style="list-style-type: none"> Improve mastery of art and design techniques linked to drawing and painting Use a range of materials, tools and finishing techniques appropriately Learn about great designers and architects in history 	
Design and technology	Focus	Design and create a star constellation plaque	Design, create and sell a water bowl to raise money for Water Aid
	N.C. subject content	<ul style="list-style-type: none"> Select and combine materials with precision. 	<ul style="list-style-type: none"> Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose,

		<ul style="list-style-type: none"> (H&S) Select and name appropriate tools for specific jobs and demonstrate how to use them safely. 	<p>aimed at a particular individual or group</p> <ul style="list-style-type: none"> Generate, develop, model and communicate ideas through discussion and annotated sketches Select from and use a wider range of tools and equipment to perform a task Evaluate ideas and products against own criteria and consider the views of others to improve work
Music	Focus	Silent Movies	Wind in the Willows songs
	N.C. subject content	<ul style="list-style-type: none"> Listen with attention to detail and recall sounds with increasing aural memory Develop an understanding of the history of music Improvise and compose music for a range of purposes using the interrelated dimensions of music 	<ul style="list-style-type: none"> Play and perform in solo and ensemble contexts, using their voices Use and understand staff and other musical notations
PSHE		Confidentiality, respect and responding	Healthy choices
French	Rigolo unit:	Où vas-tu? -Where are you going?	On mange – We eat
R.E.		Forgiveness	
Cross curricular links	English	Letter writing Non-fiction texts Leaflets and advertising media research	Poetry (topic link) Research Newspaper writing
	Maths	Data collection and presentation Scale drawings Timelines (historic events) Time	Converting between units of measurement (topic link) Reasoning skills (topic link) Mathematical facts linked to water
	Other		Economic enterprise (PSHE)