

Year 5		1 st Half Term	2 nd Half Term
Theme/Topic title		Time Travel	H ₂ O
Educational visits/Visitors		Forest School session linked to travelling	
Hook		Wonderstruck images	Flooded classroom
Texts		<ul style="list-style-type: none"> Wonderstruck by Brian Selznick Ground Control Major Tim by Clive Gifford Galileo Galilei A Rocketful of Space Poems by John Foster and and Korky Paul Non-fiction texts linked to America and travel Women in Science: 50 Fearless Pioneers 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 Texts		<ul style="list-style-type: none"> The Hidden Hunting Lodge First News Articles 	<ul style="list-style-type: none"> Holes by Louis Sachar The Hidden Hunting Lodge First News Articles
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 	<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

		and to detect and correct errors in algorithms and programs <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	America	The Water Cycle
	N.C. subject content	<ul style="list-style-type: none"> Pupils should extend their knowledge and understanding beyond the local area to include North and South America Locate North and South America on maps and explore their environmental regions, key physical and human characteristics and major cities 	<ul style="list-style-type: none"> Describe and understand key aspects of physical and human geography linked to rivers and the water cycle
History	Focus	America past and present	
	N.C. subject content	<ul style="list-style-type: none"> Address and devise historically valid questions about change, similarity and difference and significance (linked to the influence significant individuals have had on the world) 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	Swimming and fitness (Onside Coaching 2 nd half Autumn Term)	
	N.C. subject content	<ul style="list-style-type: none"> Swim competently, confidently and proficiently over a distance of at least 25 metres unaided Use a range of strokes effectively Perform safe self-rescue in different water-based situations Play competitive games, modified where appropriate. Compare performances with previous ones and demonstrate improvement to achieve a personal best Communicate, collaborate and compete with each other 	
Art and design	Focus	Drawing famous American landmarks in perspective	3D modelling linked to Famous American skyscrapers
	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 	<ul style="list-style-type: none"> Improve mastery of art and design techniques linked to sculpture Use a range of materials, tools and finishing techniques appropriately Learn about great designers and architects in history
Design and technology	Focus		Design, create and sell a water bowl to raise money for Water Aid
	N.C. subject content		<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, aimed at a particular individual or group

			<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 musical
	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		Similarities and Differences	Enterprise and Economic Awareness All About Me Programme
French	Rigolo unit:		A l'école
R.E.		Key question: What does it mean to be a Muslim in Britain today?	
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)