

Year 5 Curriculum 2020-2021

	AUTUMN		SPRING		SUMMER	
	1 st (7 ½ wks)	2 nd (7 wks)	1 st (5 ½ wks)	2 nd (6 wks)	1 st (5 ½ wks)	2 nd (7wks)
Theme	Anglo- Saxons Is an Anglo Saxon a Viking?	Human Geography Settlements Why did people choose to live here?	Volcanoes and Earthquakes How does the earth's crust move?	Spaced Out! Earth and the Solar System Why do we have seasons?	Rivers How do rivers change the landscape?	Mayans Who are the Mayans?
Trips and Experiences	Anglo Saxon workshop	Visit London Eye	Visit a Mosque/Muslim visitor	Visit to the Easter Experience linked to RE topic on Easter Windmill Hill Residential trip 4-6 March	Thames river boat trip	Visit to Science Museum
Reading	How to Train your Dragon	London Eye Mystery The Highway Man by Alfred Noyes – Narrative Poetry	The Firework Maker's Daughter by Philip Pullman	The Rain Player by David Wisniewski	Wind in the Willows	Cosmic by Frank Cottrell Boyce A Nest Full of Stars-poetry
Literacy	<ul style="list-style-type: none"> ● Explain: Explanation text based on Vikings ● Instruct: Instructions linked to DT ● Recount: diary writing linked to text ● Entertain: narrative- writing a story. 	<ul style="list-style-type: none"> ● Persuade: persuasive letter- whether children should have homework. ● Recount: linked to school trip to London ● Narrative: Writing in role ● Inform: Report writing 	<ul style="list-style-type: none"> ● Explain: Non-chronological report based on volcanoes ● Entertain: Poetry ● Entertain: Narrative based on text 	<ul style="list-style-type: none"> ● Recount: Diary writing ● Entertain: Narrative- retelling the story/ key events ● Explain: Explanation text 	<ul style="list-style-type: none"> ● Inform: Newspaper linked to text ● Discuss: Discussion text linked to rivers ● Inform: Letters (not email) linked to text ● Entertain: Narrative linked to text 	<ul style="list-style-type: none"> ● Explain: non-chronological report linked to Mayans ● Entertain: Narrative linked to text ● Explain: biography author study ● Inform: letter writing to new class teacher in Y6

GPS	Rising Stars Spelling Units 1-6 Past and present tense Commas Verbs and adjectives Adverbs and pronouns Punctuation	Rising Stars Spelling Units 7-13 Nouns and verbs Apostrophes Headings and Subheadings Determiners Paragraphs	Rising stars Spelling Units 14-18 Punctuating speech Standard and non-standard English Clauses Brackets Dashes	Rising Stars Spelling Units 19-24 Word endings Relative clauses Phrases Prefixes	Rising stars Spelling Units 25-28 Prefixes Homophones Coordinating Conjunctions Subordinating conjunctions Prepositions	Consolidation / Gap filling Suffixes Silent letters Unstressed vowels
Maths	Place value (numbers to 100,000, then 1,000,000) Addition Subtraction Statistics (graphs and tables) Multiplication Division Measurement (area and perimeter)		Multiplication Division Fractions Decimals Percentages		Decimals Geometry (shape) Geometry (position and direction) Measurement (converting units) Measurement (volume and capacity)	
Science	<p>Materials Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.</p> <p>Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.</p> <p>Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.</p> <p>Give reasons, based on evidence from comparative and fair tests, for the particular</p>	<p>Materials Demonstrate that dissolving, mixing and changes of state are reversible changes.</p> <p>Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.</p> <p>Explore reversible changes, including, evaporating, filtering, sieving, melting and dissolving, recognising that melting and dissolving are different processes.</p> <p>Explore changes that are difficult to reverse, for example, burning, rusting and other reactions, for example, vinegar with bicarbonate of soda.</p>	<p>Forces Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.</p> <p>Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.</p> <p>Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</p>	<p>Earth and the Solar System Describe the Sun, Earth and Moon as approximately spherical bodies.</p> <p>Describe the movement of the Moon relative to the Earth.</p> <p>Understand that a moon is a celestial body that orbits a planet (Earth has one moon; Jupiter has four large moons and numerous smaller ones).</p> <p>Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</p>	<p>Living things and their habitat Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.</p> <p>Raise questions about their local environment throughout the year.</p> <p>Find out about the work of naturalists and animal behaviourists, for example, David Attenborough and Jane Goodall.</p>	<p>Living things and their habitat Describe the life process of reproduction in some plants and animals.</p> <p>Find out about different types of reproduction, including sexual and asexual reproduction in plants, and sexual reproduction in animals.</p>

	uses of everyday materials, including metals, wood and plastic.		<p>Explore the effects of air resistance by observing how different objects such as parachutes and sycamore seeds fall.</p> <p>Explore the effects of friction on movement and find out how it slows or stops moving objects.</p> <p>Find out how scientists, for example, Galileo Galilei and Isaac Newton helped to develop the theory of gravitation.</p>	<p>Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.</p> <p>Learn that the Sun is a star at the centre of our solar system and that it has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune (Pluto was reclassified as a 'dwarf planet' in 2006).</p>		
History	Anglo Saxons: Including exploring Anglo-Saxon invasions, settlements and kingdoms: place names and village life. Anglo-Saxon art and culture.					Mayans: to explore a non-European society that provides a contrast to British history.
Geography		Human Geography Settlements. How are they similar or different and why they are changing? Make links between places, people and the environment.	Physical Geography Volcanoes and Earthquakes Patterns in physical geography. Explore the conditions which influence the processes which lead to change.		Physical Geography Rivers and The Water Cycle Patterns in physical geography. Explore the conditions which influence the processes which lead to change.	Map Skills 8-point compass. Revise Map Features: Title, Legend, Grid, Compass Rose (8 point) and a Scale. Orienteering skills.
Art			Design and make a volcano using paper mache – paint and then erupt volcano.	Art in the style of Peter Thorpe (Space inspired Art)		Mayan Clay tiles
D.T.	Design a carrier – linked to properties of materials (STEM)			Make Sun dials	How will your beast open its mouth? Moving monsters! (STEM)	

Music	<p>Livin' on a prayer (rock) The units of work cover a range of styles and genres and musically draw together listening/appraising, composing/improvising and performing skills</p>	<p>Christmas Bells Ring Out Glockenspiel stage 2</p>	<p>Make you feel my love (ballad) The units of work cover a range of styles and genres and musically draw together listening/appraising, composing/improvising and performing skills</p>	<p>Topic songs (Space) Opportunities to explore links across the curriculum, to sing and make musical comparisons Gustav Holst- The Planets</p>	<p>The Fresh Prince of Bel Air (rap) The units of work cover a range of styles and genres and musically draw together listening/appraising, composing/improvising and performing skills</p>	<p>Dancing in the street (pop) The units of work cover a range of styles and genres and musically draw together listening/appraising, composing/improvising and performing skills Harry Potter Soundtrack- John Williams</p>
R.E.	<p>How did Jesus' teaching challenge people? What can we learn about the Christian faith from the Chronicles of Narnia?</p>	<p>Christmas Y5: Why is light an important sign at Christmas?</p>	<p>How can a mosque help us to understand the Muslim faith? What are the pillars of Islam?</p>	<p>Easter Y5: How do we know what happened at Easter?</p>	<p>What is a creed? How can churches help us to understand Christian belief?</p>	<p>What would Jesus do? How do the beliefs of Christians influence their actions?</p>
PSHE	<p>New beginnings Begin Say no to bullying</p>	<p>Complete Say no to bullying Getting on and falling out</p>	<p>Going for Goals! / Healthy Lifestyles / RSE (Puberty) The effects of drugs on the body.</p>	<p>Good to be Me</p>	<p>Relationships</p>	<p>Changes</p>
Computing	<p>Information Technology Blogging - 100 word challenge</p>	<p>Information Technology Creating content (report combining text, images, video with references, copyright free)</p>	<p>Digital Literacy How search engines work. What is the internet?</p>	<p>Digital Literacy How data travels across the internet</p>	<p>Information Technology Data handling (infographics)</p>	<p>Computer Science Programming (Scratch – shapes)</p>
MFL (Spanish)	<p>Revision greetings using role plays Talk about the date and the weather The time</p>		<p>Illnesses Body Getting practice on: I like it / I do not like it</p>	<p>Clothes Opposites Stationery</p>		
P.E.	<p>Football and Tag -Rugby</p>	<p>Sports Hall Athletics, Dance and Profiling</p>	<p>Netball, Handball and Profiling</p>	<p>Gymnastics and Health Related Fitness</p>	<p>Cricket and Hockey</p>	<p>Athletics, Rounders and Profiling</p>