

Year 5 Long Term Plan - 2022 - 2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Question	Were the Anglo Saxons really smashing?	Can you feel the force?	Will we ever send another human to the moon?	Why should rainforests be important for us all?	Could you be the next CSI investigator?	How were people's lives affected by WWII?
Writing	Beowulf – overcoming the monster story Chitty Chitty Bang Bang and the Race Against Time - Write a chapter	Women in Science - Biography	Everest – newspaper report of the moon landing Ripley's Mighty Machines - Non-chronological report	Jungle Survival Handbook - Instructions Kensuke's Kingdom – extended story (story ending)	Earth verse – poetry Tear Thief - Extended Story	My Secret War Diary - Diary Writing
Reading	Chitty Chitty Bang Bang and the Race Against Time		Jazz Harper: Space Explorer		The Violet Veil Mysteries - A Case of Grave Danger	
Maths	Unit 1: Number: Place Value (3 weeks) Unit 2: Number: Addition and Subtraction (2 weeks) Unit 3: Number: Multiplication and Division (3 weeks) Unit 4: Number: Fractions A (4 weeks)		Unit 5: Number: Multiplication and Division (3 weeks) Unit 6: Number: Fractions B (2 weeks) Unit 7: Number: Decimals and Percentages (3 weeks) Unit 8: Measurement: Perimeter and Area (2 weeks) Unit 9: Statistics (1 week)		Unit 10: Geometry: Properties of Shape (3 weeks) Unit 11: Geometry: Position and Direction (2 weeks) Unit 12: Number: Decimals (3 weeks) Unit 13: Number: Negative Numbers (1 week) Unit 14: Measurement: Converting Units (2 weeks) Unit 15: Measurement: Volume (1 week)	
History	Britain's settlement by Anglo-Saxons and Scots		History of Space Travel			An understanding of key figures in WWII
Geography	<u>Place knowledge</u> Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom in the past.		<u>Locational Knowledge</u> Identify the position and significance of latitude, longitude, Northern Hemisphere, Southern Hemisphere, the Prime/Greenwich Meridian and time zones (including day and night)		<u>Place knowledge</u> Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom	

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Science		<p><u>Forces</u> Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</p>	<p><u>Earth and space</u> 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.</p>	<p><u>Living things and their habitats</u> Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals.</p>	<p><u>Properties and changes of materials</u> 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 Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic demonstrate that dissolving, mixing and changes of state are reversible changes 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 style="text-align: center;">THROUGH SRE/PSHE: <u>Animals, including humans</u> Describe the changes as humans develop to old age</p>
	<p>During years 5 and 6, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content: Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs Using test results to make predictions to set up further comparative and fair tests Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations</p>					

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Identifying scientific evidence that has been used to support or refute ideas or arguments.						
Art	Self portrait		Abstract Art: Space Art inspired by Peter Thorpe – Water colour painting	Rainforest Artist: John Dyer Create a pastel painting of a rainforest element	Printing - Andy Warhol study	Blitz art Superimposed skylines on top of painted background
DT	Textiles weaving - wall hanging	Moving mechanisms				Food and nutrition - rationing recipes
Trips	(Y4 Egyptians rebooked)		Space Dome	Clive Pig Rainforests		
PE	Indoor: Gymnastics Outdoor: Games	Indoor: Dance Outdoor: Games	Indoor: Dance Outdoor: Games	Indoor: Gymnastics Outdoor: Striking and fielding	Indoor: Health and fitness Outdoor: Athletics	Indoor: Swimming Outdoor: Net and wall games
PSHE	BEING ME IN MY WORLD - Who am I and how do I fit?	CELEBRATING DIFFERENCE - Respect for similarity and difference. Anti-bullying and being unique	DREAMS AND GOALS - Aspirations, how to achieve goals and understanding the emotions that go with this	HEALTHY ME - Being and keeping safe and healthy	RELATIONSHIPS - Building positive, healthy relationships	CHANGING ME - Coping positively with change
RE	U2.1 What does it mean if Christians believe God is holy and loving?	U2.8 What does it mean to be a Muslim in Britain today?	U2.3 Why do Christians believe Jesus was the Messiah?	U2.9 Why is the Torah so important to Jewish people?	U2.4 Christians and how to live: What would Jesus do?	U2.10 What matters most to Humanists and Christians?
Computing	Online Safety Word Processing	Spreadsheets Coding	Coding	Game Creator	3D modelling	Concept maps
MFL (Spanish)	I'm learning Spanish	Seasons	I can...	Fruit	Animals	At the Cafe
Music	Livin' on a prayer - Rock Music	Classroom Jazz 1 - study of jazz music	Make you feel my love - study of pop ballads.	Fresh Prince of Bel Air - study of hip hop.	Dancing in the street - study of Motown.	Reflect, rewind and replay - Western classical music