




Key Stage 2 Year 5 Long term plan



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Clash of the Titans Ancient Greece & The Olympics 		Earth in Space 		The New World USA 	
English	Narrative Poetry Newspaper Report Biography Diary Entry Narrative - creating settings	Narrative- Sci Fi Narrative - alt. ending Suspense and Action Writing Horror- Diary entry, autobiography, persuasive advert 'Wikipedia' cemetery in France Play script War Poetry/Christmas Poetry/ Narrative	Space Poetry Information Text Narrative - characterisation and dialogue Instruction writing	Poetry NF Letter writing Setting description NF non-chronological report	Poetry Fictional Biography Historical Research (USA link) Balanced argument	Slam Poetry Explanation Text Persuasive Text Instruction writing
Texts (fiction, non-fiction and poetry)	Who Let The Gods Out The Tale of Three Brothers	Mission to Marathon Fleeced Wonder	Cosmic	Survivors	Holes	The Heart Stone Odyssey
Values	Courage	Generosity	Trust and Forgiveness	Compassion	Perseverance and Justice	Generosity
Maths	Number: Place Value Number: Addition and Subtraction Statistics Number: Multiplication and Division Measurement: Perimeter and Area		Number: Multiplication and Division Number: Fractions Number: Decimals and Percentages		Number: Decimals Geometry: Properties of Shape Geometry: Position and Direction Measurement: Converting Units Measurement: Volume	
Science	<u>Properties of Materials</u> Compare the properties and uses of different materials Describe the properties of different materials Make the perfect sandcastle	<u>Changes of Materials</u> Understand the actions of filtering, sieving and evaporating Be able to explain the words dissolve and solution	<u>Earth and Space</u> Describe Nicolaus Copernicus' ideas about planetary motion Describe the movement of the Earth in space	<u>Forces</u> Recall information about the life and works of Sir Isaac Newton Understand the forces of gravity and air resistance	<u>Studying Living Things</u> Know about the life and work of Sir David Attenborough Know about the life and work of Dame Jane Goodall Learn about sexual reproduction	<u>Animals including humans - the human life cycle</u> Know about life cycles Know about the human reproductive organs Exploring gestation periods

	<p>Explore materials which can be derived from crude oil; explain the importance of carbon compounds in our lives</p> <p>Explore extracting useful substances from natural resources</p> <p>Explore the thermal conductivity of materials to improve energy efficiency in buildings or other systems</p> <p><u>Black History Month</u> Recall information about the life work and impact of Katherine Johnson</p> <p>End of Unit assessment</p> <p><u>Working Scientifically</u></p> <p>Testing properties of materials</p> <p>Use test results to make predictions to set up further comparative and fair tests</p> <p>Plan a scientific enquiry to answer today's challenge, recognise the controlling variables</p> <p>Use test results to make predictions to set up further comparative and fair tests</p> <p>Report and present findings from enquiries, by creating a display</p> <p>Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings</p>	<p>Understand that some changes to materials are not reversible</p> <p>Understand that a chemical change alters a molecule permanently</p> <p>Know the difference between elements, compounds and mixtures</p> <p>Know the difference between physical and chemical change</p> <p>End of Unit assessment</p> <p><u>Working Scientifically</u></p> <p>Report and present findings from enquiries, share your conclusions</p> <p>Use existing knowledge to identify physical and chemical processes</p> <p>Take measurements using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings</p> <p>Describing laboratory processes</p> <p>Identifying chemical changes</p>	<p>Describe the characteristics of the planets in our solar system</p> <p>Describe the Big Bang theory</p> <p>Learn about gravitational force</p> <p>Explore what causes the different phases of the moon</p> <p>Know about comets, asteroids and meteors</p> <p>End of Unit assessment</p> <p><u>Working Scientifically</u></p> <p>Use existing knowledge to create a model of the solar system.</p> <p>Record data using scientific diagrams and labels</p> <p>Using test results to make predictions to set up further comparative and fair tests</p> <p>Apply knowledge and understanding</p>	<p>Understand the effects of water resistance and friction</p> <p>Explain how gears allow a smaller force to have a greater effect</p> <p>End of Unit assessment</p> <p><u>Working Scientifically</u></p> <p>Report and present findings using other presentations</p> <p>Use test results to make predictions to set up further comparative and fair tests</p> <p>Use test results to make predictions to set up further comparative and fair tests</p> <p>Take measurements, use range of scientific equipment, take repeat accurate readings</p> <p>Report and present findings using other presentations</p> <p>Record data using scientific diagrams and labels</p>	<p>Describe the life cycles of a mammal, bird and reptile</p> <p>Describe the life cycle of an insect and amphibian</p> <p>Learn about asexual reproduction</p> <p>End of Unit assessment</p> <p><u>Working Scientifically</u></p> <p>Report and present findings from enquiries, in oral and written forms</p> <p>Report and present findings from enquiries, in oral and written forms</p> <p>Write a report and present your findings</p> <p>Report and present findings from enquiries, in oral and written forms</p> <p>Comparing the life cycle of a butterfly with two other egg-laying animals.</p> <p>Plan different types of scientific enquiries to answer questions, including controlling variables where necessary</p>	<p>Describe the changes which happen in childhood</p> <p>Understand changes which happen in adolescence</p> <p>Describe the changes as humans develop to old age</p> <p>End of Unit assessment</p> <p><u>Working Scientifically</u></p> <p>Present information in a series of drawings</p> <p>Report on findings from enquiries, including oral and written explanations, displays of results</p> <p>Report and present findings from enquiries, including conclusions, in oral and written forms</p> <p>Report and present findings from enquiries, including conclusions, in oral and written forms</p> <p>Report and present findings from enquiries, including conclusions, in oral and written forms</p>
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		Identify scientific evidence that has been used to support or refute ideas or arguments	Take measurements, using a range of scientific equipment, with increasing accuracy and precision To explain a natural process			Report and present findings from enquiries, including conclusions, in oral and written forms
History and Geography	<p>Driver Question: History</p> <p>How can we find out about the civilisation of Ancient Greece?</p> <p>Who were the Ancient Greeks? What was life like in Ancient Greece?</p> <p>What do archaeological sites tell us about what life was like in Ancient Greece?</p> <p>Can we learn anything from Greek myths and legends?</p>	<p>Driver Question: Geography</p> <p>What did the Ancient Greeks ever do for us?</p> <p>To recall facts about Ancient Greek life.</p> <p>To understand how to locate the UK and Greece.</p> <p>To understand and apply the features of a compass.</p>	<p>Driver Question: History</p> <p>Who is significant in the history of space?</p> <p>Tim Peake Valentina Tereshkova (Russian female astronaut) Vasco de Gama Yuri Gagarin (space)</p>	<p>Driver Question: Geography</p> <p>Why is Earth unique? (solar system MTP)</p>	<p>Driver Question: History</p> <p>How much history does America have?</p>	<p>Driver Question: Geography</p> <p>Where do the states start and end?</p>
Art and Design / DT	<p><u>Art and design</u></p> <p>Formal Elements: Architecture</p> <p>Drawing from observation, creating prints, drawing from different perspectives and learning about the role of an architect.</p>	<p><u>Design Technology</u></p> <p>Food: What could be healthier?</p> <p>Discover the farm to fork process, understand the key welfare issues for rearing cattle.</p> <p>Compare the nutritional value of existing sauces and develop a healthier recipe.</p>	<p><u>Art and Design</u></p> <p>Every picture tells a story</p> <p>Exploring the meaning behind art - analyse the work of Banksy; making symmetry prints inspired by Rorschach, telling a story using emojis, re-enacting a poignant war scene and taking inspiration from ceramic artist Odundo.</p>	<p><u>Design Technology</u></p> <p>Mechanical Systems: Pop-up book</p> <p>Create a functional four-page pop-up storybook design, using lever, sliders, layers and spacers to create paper-based mechanisms.</p>	<p><u>Art and Design</u></p> <p>Art & Design Skills</p> <p>Developing design, drawing, craft, painting and art appreciation skills - creating an invention, expanding on an observational drawing, using a poem to create a portrait and painting an enlarged section of a drawn collage.</p>	<p><u>Design Technology</u></p> <p>Structure: Bridges</p> <p>Test and analyse various types of bridge to determine their strength and stability. Explore material properties and sources, before marking, sawing and assembling a wooden truss bridge.</p>
Safeguarding	<p>Water safety Trusted sites Racism Keeping ourselves and others safe Mobile/online gaming safety</p>		<p>Fire Safety Online safety week Emotional & physical abuse Road Safety</p>		<p>Friends/partners Healthy relationships Social networking Mind safe/body safe</p>	

	Be confident –say no, don't give in to peer pressure, know your own mind Anti-bullying week Vulnerabilities			Cyberbullying			Emotionally healthy Time to talk, learn to express yourself- Grooming/safe touching/safe spaces	
RE	Liturgy	Should every Christian go on a pilgrimage?	Christmas through Art and Music	Wisdom	What does it mean to be Sikh?	What happens in churches at Easter?	What are the 5 pillars of Islam and why are they important to Muslims?	Understanding Faith in action
PSHE/RSE	To set a goal To explain what makes a healthy meal Link to Eat Like A Champ To explain the importance of nutrients and fibre Link to Eat Like A Champ To explain the importance of hydration Link to Eat Like A Champ To understand the importance of portion control Link to Eat Like A Champ To interpret and understand information on food labels Link to Eat Like A Champ To explain what makes a situation fair or unfair. Link to Student Council Elections To explain how being excluded can affect people and to explain what to do if they are being bullied/witness bullying. Link to Anti-Bullying week To explore the risks associated with drug use To challenge misconceptions about drug users To explain what peer pressure is and how to challenge it To explain how to keep my body and mind healthy To explain how and when to share feelings To explain a healthy lifestyle			To understand what charity is and explain why people donate to charity To fundraise money for a charity To understand deductions that are taken from payslips To explain what budgeting is and why it is important To explain what migration is To explain why people need to migrate To explain how to keep safe online To identify who to talk to if you are worried or scared about something To understand mental health To understand how to talk about feelings To understand how to look after our mental health To explore gender stereotypes To explain why it is important to challenge gender stereotypes			To identify the qualities of a good friend To understand online pressure To explain how to use games and apps safely To understand peer pressure and saying no online To understand healthy friendships To understand how to identify good friendships To understand benefits of a growth mind-set and explain how to develop a growth mind-set To explain who is in their family, while recognising families are different To understand the physical and emotional changes that happened during puberty If covering FGM lessons: To understand the difference between culture and religion To know I have the right to say no. If you are NOT covering FGM lessons: To know the types of difficulties people with dementia may experience	
Computing/ E-Safety	DIGITAL LITERACY WORKING THROUGH DB PRIMARY- ONGOING							
	<u>Online Safety</u> To use technology safely, respectfully and responsibly; recognise acceptable/ unacceptable behaviour; identify a range of ways to report concerns about content and contact. To select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.	<u>Purple Mash</u> To design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. To use sequence, selection, and repetition in programs; work with variables and various forms of input and output. To use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.	<u>Radio Station</u> To select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information. By the end of this unit chn should be able to record and play their own sounds, import an existing sound file, choose appropriate software for sound recording and play and record a radio advert.	<u>Scratch Unit 3: Stories</u> To design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. To use sequence, selection, and repetition in programs; work with variables and various forms of input and output. To use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.	<u>Lego Moon Base</u> To design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. To use sequence, selection, and repetition in programs; work with variables and various forms of input and output. To use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.	<u>Website Design</u> Design website for the perfect school or link to history learning To use search technologies effectively, appreciate how results are selected and ranked, And be discerning in evaluating digital content. To select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.		

			This links with literacy text 'Boy at the Back of the Classroom' and topic.			By the end of this unit chn should be able to comment on features and layout of a webpage, create a new webpage with a chosen layout and format text, and search for images that can be used in documents.
Music	<u>Livin' On a Prayer</u> Rock Anthems	<u>Learning the Ukulele</u> Charanga Scheme of Work	<u>Make You Feel My Love</u> Pop Ballads	<u>The Fresh Prince of Bel-Air</u> Old School Hip-Hop	<u>Dancing in the Street</u> Motown	<u>Reflect, Rewind & Replay</u> The history of music, look back and consolidate your learning, learn some of the language of music
PE	COGNITIVE	CREATIVE	SOCIAL	PHYSICAL	HEALTH & FITNESS	PERSONAL
	REAL PE Unit 1 FUNS 10 & 1 REAL GYM – Unit 1	REAL PE Unit 2 FUNS 6 & 2 REAL DANCE – Unit 1	REAL PE Unit 3 FUNS 5 & 4 REAL GYM – Unit 2	REAL PE Unit 4 FUNS 9 & 7 REAL DANCE – Unit 2	REAL PE Unit 5 FUNS 8 & 12 ATHLETICS	REAL PE Unit 6 FUNS 11 & 3 OUTDOOR GAMES
MFL-French	Introduction to Verb Conjugation Present Tense (Avoir/Etre/Aller/Faire) All About Me	Introduction to Verb Conjugation Present Tense (Avoir/Etre/Aller/Faire) Learn a song or poem at Christmas	Verb Conjugations Regular Verbs (er/ir/re) Creating Negative Sentences All about Me (Likes/Dislikes)	Verb Conjugations Regular Verbs (er/ir/re) Creating Negative Sentences All about Me (Likes/Dislikes)	Verb Conjugations The Imperative Giving Instructions (Cooking Food) Creating Negative Sentences)	Verb Conjugations The Imperative Giving Instructions (Cooking Food) Creating Negative Sentences)
Enrichment	St Martin's Church Greek Workshop		Science Museum		TBC	