

Year 5 Curriculum Map 2025-26

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	<p>Place value Number to a million - Roman numerals to 1,000 - Round to the nearest 10, 100 and 1000 - Compare and order numbers to a million - Round numbers to a million - Counting in 10s, 100s, 1,000s, 10,000s and 100,000s</p> <p>Addition and Subtraction - Add whole numbers with more than 4- digits (column method) - Subtract whole numbers with more than 4-digits (column method) - Round to estimate and approximate - Inverse operations (addition and subtraction) - Multi-step addition and subtraction problems</p>	<p>Multiplication and division - Multiples and Factors - Common factors - Prime numbers Square numbers - Cube numbers - Multiplying by 10, 100 and 1000 - Dividing by 10, 100 and 1000 - Multiples of 10, 100 and 1000</p> <p>Fractions Equivalent fractions - Improper fractions to mixed numbers - Mixed numbers to improper fractions - Number sequences - Compare and order fractions less than 1 - Compare and order fractions greater than 1 - Add and subtract fractions - Add fractions within 1 - Add 3 or more fractions -Add mixed numbers</p>	<p>Multiplication and division -Multiply 4-digits by 1-digit - Multiply up to 4-digits by 2-digits - Divide 4-digits by 1-digit - Divide with remainders</p> <p>Fractions Decimals and percentages Subtract fractions. - Subtract mixed numbers - Subtract – breaking the whole - Multiply unit fractions by an integer - Multiply non-unit fractions by an integer - Multiply mixed numbers by integers - Fraction of an amount - Using fractions as operators</p>	<p>Decimals and percentages Decimals up to 2 d.p - Decimals as fractions - Understand thousandths - Rounding decimals. - Order and compare decimals - Understand percentages - Percentages as fractions and decimals - Equivalent F.D.P.</p> <p>Perimeter and Area - Measure perimeter - Calculate perimeter - Area of rectangles - Area of compound shapes - Area of irregular shapes</p> <p>Statistics - Read, interpret and draw line graphs - Use line graphs to solve problems - Read and interpret tables - Two-way tables Timetables</p>	<p>Shape Measuring angles with a protractor - Drawing lines and angles accurately - Calculating angles on a straight line - Calculating angles around a point - Calculating lengths and angles in shapes - Regular and irregular polygons - Reasoning about 3D shapes</p> <p>Position and direction - Position in the first quadrant - Reflection. - Reflection with coordinates Translation - Translation with coordinates</p> <p>Decimals Adding and subtracting decimals within 1 - Complements to 1 - Adding decimals - Adding and subtracting decimals with the same then</p>	<p>Negative numbers Identify negative numbers - Plot negative numbers on a number line - Apply appropriate vocabulary - Solve problems involving negative numbers</p> <p>Measurement: Converting Units - Kilograms and kilometres - Milligrams and millilitres -Metric units - Imperial units - Converting units of time - Timetables</p> <p>Volume - What is volume? - Compare volume - Estimate volume - Estimate capacity</p>

					different number of decimal places - Decimal sequences - Multiplying and dividing decimals by 10, 100 and 1000	
Literacy	1) Poetry- mythical creatures 2) Non-chron report- Ancient Greece	1) Narrative- Myth-linked to guided reading text 2) Setting description- Storm linked to The Odyssey	1) Discussion- Henry VIII: fair ruler or tyrant? 2) Explanation-guided reading link- Magical machine	1) Narrative- Nowhere Emporium- lost chapter 2) Newspaper report-link to an event from Nowhere Emporium	1) Instructions – How to Survive at Camp Green Lake- linked to Holes 2) Diary – Holes-character from guided reading text	1) Narrative- Story opening- 'Abandoned' 2) Poetry- The Desert
Guided Reading	The Odyssey		The Nowhere Emporium		Holes	
History / Geography	What did the Greeks ever do for us?	Can I carry out an independent fieldwork enquiry?	What was life like in Tudor England?	What is life like in the Alps?	Local History topic- Chessington World of Adventures	Would you like to live in the desert?
Art/DT	Art Drawing – Typography and maps (drawing and design)	DT Aspect: Food Focus: Celebrating culture and seasonality	Art Surface and colour – making monotypes or mixed media land and city scapes or fashion design (hampton court link)	DT Aspect: Textiles Focus: Combining different fabrics shapes or using computer aided design in textiles	Art Working in three dimensions – Set design (modelling) or Architecture: Dream big or small (sculpture). – haunted house for Chessington	DT Aspect: Mechanical systems Focus: Pulleys and gears Link: Leisure and entertainment (fairground)
Science	Space 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	Living things and Habitats Describe the differences in life cycles of a mammal, an amphibian, an insect and a bird. Describe the life process of reproduction in some plants and animals.	Properties of materials Compare and group together everyday materials based on their properties, including hardness, solubility, transparency, conductivity 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.		Forces 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	Animals including Humans Describe the changes as humans develop from birth to old age. Working scientifically Make predictions on gestation periods Record data using scatter graphs

	<p>Sun, Earth and Moon as approximate spherical bodies.</p> <p>Use Earth rotation to explain day and night due to the apparent movement of the sun across the sky.</p> <p>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.(Forces objective moved to support space subject knowledge)</p> <p>Working scientifically Raise questions and suggest reasons for similarities and differences Use measurement to represent planets in a model Record work using scientific diagrams and labels Use a model to discuss, communicate and justify scientific</p>	<p>Working scientifically Use oral and written forms to report conclusions Present data in a variety of different ways to help answer my questions Ask relevant questions and find ways to answer them Make accurate and relevant predictions Suggest next steps based on the weakest aspects of the enquiry Record results using a bar chart and explain the results</p>	<p>Use knowledge of solid, liquid and gas to decide how mixtures might be separated including through filtering, sieving and evaporation.</p> <p>Give reasons based on evidence from comparative tests for the particular uses of everyday materials including metals, wood and plastic.</p> <p>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 this kind of change is not usually reversible including changes associated with burning and the action of acid on bicarbonate of soda.</p> <p>Working scientifically Evaluate tests Make predictions about which materials are soluble and insoluble Use scientific language and illustrations to discuss, communicate and justify ideas Make careful observations when heating solutions Plan my own test based on how materials react with one another Record results in a table</p>	<p>force to have a greater effect</p> <p>Working scientifically Observe different forces and measure the force using different equipment Set up tests Interpret and communicate results from data using scientific vocabulary Plan different types of enquiry to answer a question Take measurements using a range of scientific equipment Record results in a table</p>	<p>Make careful observations as we grow older Recording learning using scientific diagrams Interpret findings to help others Evaluate my learning</p>
--	---	--	--	---	--

	<p>ideas using scientific vocabulary Present results in a variety of ways to answer a question Plan own test and control variables</p>					
<p>Computing</p>	<p>Unit 5.1 Coding (6 lessons)</p> <ul style="list-style-type: none"> • What does simulating a physical system mean? • Describe how you would use variables to make a timer countdown and a scorepad for a game. • Give examples of how you could use the Launch command in 2Code. • What do the terms decomposition and abstraction mean? Use examples to explain them. <p>Unit 5.2</p>	<p>Unit 5.8 Word processing (8 lessons)</p> <ul style="list-style-type: none"> • What is a word processing tool used for? • What features can you use to make a document more readable? How do you successfully add an image to a document? 	<p>Unit 5.3 Spreadsheets (6 lessons)</p> <ul style="list-style-type: none"> • How would you add a formula so that the cell shows the product of two other cells? • What would you use in 2Calculate to have a cell that automatically calculates the number of days since a certain date? • Explain what a spreadsheet model of a real-life situation is and what it can be used for? 	<p>Unit 5.4 Databases (4 lessons)</p> <ul style="list-style-type: none"> • What is a database? • Why is the collaborative feature important? In what ways can I sort information in a database? 	<p>Unit 5.5 Game Creator (5 lessons)</p> <ul style="list-style-type: none"> • What is the 2DIY3D tool on Purple Mash? • What makes a good computer game? • Why is it important to continually evaluate your game? <p>Unit 5.6 3D Modelling (4 lessons)</p> <ul style="list-style-type: none"> • What are the different view of an object available in 2Design and Make? • How can the objects designed in 2Design and 	<p>Unit 5.6 - continued</p> <p>Unit 5.7 Concept Maps (4 lessons)</p> <ul style="list-style-type: none"> • What is a concept map? • How is information arranged on a concept map? How does a concept map help share ideas?

	Online safety (3 lessons) <ul style="list-style-type: none"> Who do I tell if I see anything online that makes me upset or scared? Why are passwords so important? Why is it important to reference sources in my work? 						Make be turned into 3D objects? <ul style="list-style-type: none"> How is CAD software used in industry? Give some examples. 		
PSHE	Healthy sleep habits; sun safety; medicines, vaccinations, immunisations and allergies	Personal identity; recognising individuality and different qualities; mental wellbeing	Keeping safe in different situations, including responding in emergencies, first aid	Protecting the environment; compassion towards others	How information online is targeted; different media types, their role and impact	Identifying job interests and aspirations; what influences career choices; workplace stereotypes	Managing friendships and peer influence	Physical contact and feeling safe	Responding respectfully to a wide range of people; recognising prejudice and discrimination
RE	Christianity – What do Christians believe about creation	Judaism – What does it mean to be a part of a synagogue community?	Islam – What helps Muslims to live a good life?	Christianity – Why is the idea of “rescue” so important to Christians	Christianity – How did the church begin and where is it now?	Thematic unit - What does it mean to live a good life?			
PE	Fitness Dodgeball	Dance Handball	Fitness Tag rugby	Gymnastics Basketball	Athletics Tennis	Badminton Cricket			
Music	Exploring Rhythmic Layers <ol style="list-style-type: none"> Exploring time signatures and performing together Performing rhythms expressively Exploring rhythmic texture Creating and notating musical texture 			Music and Words <ol style="list-style-type: none"> Developing an understanding of the inter-related dimensions and musical vocabulary Improvising musical patterns Exploring Jazz Composing and notating music inspired by lyrics and poetry 		Song Ingredients – Exploring Melody, Harmony and Lyrics <ol style="list-style-type: none"> Exploring melodic layers Exploring scales, intervals and chords Creating and playing harmonic accompaniments (drones, chords and basslines) Combining lyrics, melody and harmony 			

French	Le week-end <ul style="list-style-type: none"> • Ask what the time is in French. • Tell the time accurately in French. • Learn how to say what they do at the weekend in French. • Learn to integrate connectives into their work. <ul style="list-style-type: none"> • Present an account of what they do and at what time at the weekend. 		A l'école <ul style="list-style-type: none"> • Repeat and recognise the vocabulary for school subjects. • Say what subjects they like and dislike at school. • Say why they like/ dislike certain school subjects. • Tell the time (on the hour) in French. • Say what time they study certain subjects at school. 		Manger et bouger <ul style="list-style-type: none"> • Say and write what we eat and drink to stay healthy. • Say and write what we do not eat and drink to stay healthy. • Say and write the activities we do and do not do to stay in shape including a choice of physical activities. <ul style="list-style-type: none"> • Follow a simple, healthy recipe in French. 	
Trips/Visitors	Ufton Court	Synagogue Local area geography enquiry	Protecting the environment – compassion towards others Hampton Court	Thefield show V&A or Young V&A		Chessington Thefield taster
Opportunities for outdoor learning and maximising locality	Science - solar system scale demonstration	Residential trip Local area geography enquiry	Exploring the historical grounds at Hampton Court	Outdoor classroom – reader's theatre and PSHE circle time	Outdoor classroom – reader's theatre and PSHE circle time	Year 6 play read-throughs in outdoor classroom
How does the school's theologically rooted Christian vision enable pupil's adults and children to flourish?	Electing house captains	Residential trip – working together, teambuilding, challenging themselves Remembrance Day	RE – respect and tolerance for other cultures and religions PSHE - Protecting the environment; compassion towards others	Easter celebrations PSHE - Identifying job interests and aspirations; what influences career choices; workplace stereotypes	Managing friendships	Combating racism