

Year 6 – Long Term Plan 2024 - 2025

Year 6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Holes (F) Is This the Perfect Trainer? (Persuasion NF)	The Final Year (P) The Life and achievements of al-Razi (Biographical recount NF)	Kensuke’s Kingdom (F) The Workings of a Human Heart. (Explanation NF)	The Workings of a Human Heart. (Explanation NF) Macbeth (F)	Wonder (F) How to Reduce your Carbon Footprint (Report NF)	The Land of Roar (F)
Mathematics	<p>Place value: Reading and writing numbers Comparing and ordering Rounding integers Negative numbers</p> <p>Four operations: Addition and subtraction Factors/multiples Divisibility rules Prime, square and cube numbers Written methods of multiplication Short and long division Order of operations Mental calculation</p>	<p>Fractions: Equivalent and simplifying Comparing and ordering Adding and subtracting Mixed number fractions Multiplying and dividing Fractions of an amount</p> <p>Converting units: Metric measures Converting and calculating Miles and kilometers Imperial measures</p>	<p>Ratio: Ratio language Ratio and fractions Scale drawing / scale factors Proportion</p> <p>Algebra: Forming expressions Substitution / formulae Forming Equations Finding pairs of values Problems with unknown value</p> <p>Decimals: Place value within 1 Rounding decimals Adding / subtracting decimals Multiply / divide by 10, 100, 1000 Multiply / divide by integers</p>	<p>Fractions, decimals and percentages: Decimal / fraction equivalents Fractions as division Understanding Percentages Ordering FDP Percentages of an amount</p> <p>Area, perimeter and volume: Shape Area and perimeter Area of a triangle Area of a parallelogram Volume</p> <p>Statistics: Line graphs Read / interpret pie charts Pie charts with percentages The mean</p>	<p>Shape: Measure and classify angles Calculate angles Angles in a triangle / quadrilateral / polygon Circles Draw shapes accurately</p> <p>Position and direction: The first quadrant Read and plot points in four quadrants Solve problems – coordinates Translations Reflections</p>	<p>Consolidation: Maths projects to consolidate learning</p>
Science	<p>Biology: Animals including humans Living things and their habitats</p> <p>Physics: Light</p>	<p>Biology: Evolution and inheritance</p> <p>Physics: Electricity</p> <p>Chemistry: Properties and changes of materials</p>	<p>Biology: Animals including humans</p> <p>Physics: Light</p>	<p>Biology: Living things and their habitats</p> <p>Physics: Earth and Space Electricity</p>	<p>Biology: Animals including humans Evolution and inheritance</p> <p>Physics: Electricity</p>	<p>Physics: Light Earth and space</p> <p>Chemistry: States of matter</p> <p>Biology: Evolution and inheritance</p>
Computing	<p>Computer Science: Programming in Scratch</p>	<p>Information Technology: Data detectives</p>	<p>Computer Science: Machine learning and AI</p>	<p>Information Technology: Web design</p>	<p>Computer Science: Virtual reality</p>	<p>Information Technology: Image editing</p>
<i>Online Safety throughout the year</i>						
RE	Life as a journey	How do Christians prepare for Christmas?	The Exodus: Why is the Exodus significant to Jews and Christians?	Easter: Who is Jesus?	Ascension and Pentecost	What is the nature and character of God?

History	Ancient Egypt: Why did Hatshepsut send an expedition to Punt? Who was Tutankhamen? How did civilisation of Egypt end?		Ancient Greece: How were the Ancient Greeks governed? How did the Olympic Games change over time? How was schooling different for children in Ancient Greece?		Beyond 1066: What was the Great Irish Famine? How was it caused? Why did it create a push and pull for migration? Why did others emigrate to Britain in a similar way to the Irish? What makes us British?	
	Early Islamic Civilisation: Who was Ibn Battuta and what did he contribute to the world? What did the Early Islamic Civilisation leave behind?		Comparison: Compare beliefs in Ancient Greece, Ancient Egypt and the Early Islamic Civilisation		Beyond 1066: Why did the Romans, Anglo-Saxons and Vikings migrate to Britain? Why did the Normans migrate to Britain?	
Geography	Classify countries of the world by their location.		How are countries of the world interdependent for, food and raw materials?		What do we mean by the environment?	
	What is climate change? The causes of climate change. The impact of global warming on the natural world. Areas of the world affected by climate change. The impact of climate change on the place being.		What is international trade? Key UK exports and the significant countries involved. The journey of a banana from Columbia to The UK. The main exports from the Amazon Basin. Why some countries that export raw materials are not as affluent?		Threats to the environment. The difference we can make to the environment and how we can protect our local environment. Plan a route using maps, six figure grid references and 8 compass points. Fieldwork trip using planned route. Design an improved environment locally.	
Art	Make My Voice Heard		Artist Study		Making Memories	
DT	Classroom Kitchen		Steady Hand Game		CAD Interior Design	
PE	Dodgeball	Hockey	Netball	Tennis	Rounders	Athletics
	OAA	Leadership through PE	Circuit Training	Dance	Gymnastics	Gymnastics
French	Phonetics	What is the date?	Weather	At School	The weekend	Phonetics
	Do You have a pet?					Healthy Living
Music	Advanced Rhythms		Coast – Fingal’s Cave		Production	
			Film Music		Pop Art	
RSHE	Me and my relationships: Working together Solve the friendship problem Behave Yourself Assertiveness skills Don’t force me Acting appropriately		Valuing difference: Ok to be different We have more in common Respecting differences Tolerances and respect Advertising friendships Gender stereotypes		Keeping safe: Think before you click! To share or not to share? Rat Park What sort of drug is...? Drugs: the law Alcohol: what is normal?	
			Rights and respect: Two sides to every story ‘Fakebook’ friends What’s it worth? Happy shoppers Democracy: elections Democracy: laws		Being my best: This will be your life Our Recommendations What’s the risk Basic first aid Five ways to wellbeing	
				Growing and changing: I look great Media manipulation Pressure Online Managing change Is it normal? Making babies		