

Curriculum Overview Autumn Term Year 6

Year 6	Core Subjects		
	English	Maths	Science
	<p><u>Theme: War and Conflict</u> <u>Writing- Create</u> Narrative- Character description Non- Chronological reports- WW1 Instructions and explanations- How the evacuation process worked Poetry Recount- Piano</p> <p><u>Reading- Skills</u> Predict Retrieval Inference Vocabulary Summarise Sequence Compare and contrast Using evidence Fact and opinion Explain</p> <p><u>PAG- Knowledge</u> Word classes (Recap) Semi-colons Colons Relative clauses Modal Verbs Conjunctions Hyphens Synonyms and Antonyms Figurative language</p>	<p><u>Place Value</u> -Recognise, read and write numbers to 1,000,000 and 10,000,000 -Powers of 10 -Number line to 10,000,000 -Compare and order any integers -Round any integers -Negative Numbers</p> <p><u>Four Operations</u> - Add and subtract integers - Common Factors, common multiples, prime numbers - Rules of divisibility - Multiply up to a 4 -digit number by a 2-digit number - Solve problems with multiplication - Short division - Division using factors - Long division with remainders - Solve multi-step problems - Order of operations - Mental calculations and estimation - Reasons from known facts</p> <p><u>Fractions</u> - Equivalent fractions and simplifying - Compare and order fractions - Add and subtract simple fractions - Add mixed numbers - Subtract mixed numbers</p>	<p><u>Animals Including Humans</u></p> <p><u>Knowledge and Skills:</u></p> <ul style="list-style-type: none"> ➤ Components of blood ➤ Role of blood cells ➤ Types of blood vessels ➤ Structure and function of the heart ➤ Understand ways in which water and nutrients are transported around the body. ➤ Understand how blood is transported around via the circulatory system. ➤ To know what is meant by a 'healthy lifestyle'. ➤ To understand how drugs and alcohol effect the body. <p><u>Investigate:</u></p> <ul style="list-style-type: none"> ➤ What is blood made of? ➤ How does blood flow through the heart? <p><u>Living things and their habitats</u> <u>Knowledge and skills:</u></p> <ul style="list-style-type: none"> ➤ Classifying animals ➤ Animal habitats ➤ Classifying plants ➤ What are microorganisms?

	<p>Ellipsis Switching between past and present Subjunctive form</p>	<ul style="list-style-type: none"> - Subtract mixed numbers - Multi-step problems - Multiply fractions by integers - Multiply fractions by fractions - Divide a fraction by an integer - Divide any fraction by an integer - Fractions of an amount <p><u>Converting Units</u></p> <ul style="list-style-type: none"> - Metric measures - Convert metric measures - Calculate with metric measures - Miles and Kilometers - Imperial measures 	

Year 6	Foundation Subjects						
	History	Geography	Art and Design	Music	PE	Computing	Design Technology
	The causes of WW2	Mountains and Coasts	Portraiture/ Collage	Singing and Performing	Small Sided Games Invasion Games	E-Safety/ 3D design	Cooking and Nutrition
	<p><u>Knowledge</u> To understand how Hitler rose to power</p> <p>To understand the importance of the Battle of Britain</p> <p>To understand eras in history and place them in chronological order</p>	<p><u>Knowledge</u> To understand key aspects of physical geography: mountains and coasts.</p> <p>To understand key aspects of human geography: settlement, land use and economic activity.</p>	<p><u>Knowledge</u> Study the work of Paper Monster</p>	<p><u>Knowledge</u> To use technical vocabulary to compare and contrast different songs.</p>	<p><u>Knowledge</u> To apply a variety of attacking skills and techniques in a game</p> <p>To be able to move with a ball</p> <p>To play competitive games, (small sided games and football) and apply basic principles suitable for attacking and defending</p> <p>To develop flexibility strength, technique, control and balance</p>	<p><u>Knowledge</u> Bullying and cyberbullying</p> <p>Networks and secure websites</p> <p>Communicating with people online</p> <p>Safe to share online</p>	<p><u>Knowledge</u> Understand seasonality in the context of when fruit and vegetables are in season in Britain.</p> <p>Understand seasonality and know where and how a variety of ingredients are reared, caught and processed.</p> <p>To understand seasonality in the context of tasting food that is in season.</p>
	<p><u>Skills</u> Source analysis</p> <p>Understanding how the provenance of a source affects reliability</p> <p>Research skills- looking</p>	<p><u>Skills</u> Map skills- locating mountain ranges.</p> <p>Map skills- 4 and 6 figure grid reference</p>	<p><u>Skills</u> Portraiture workshops/ proportions of the face</p> <p>Artist study- Paper monster</p> <p>Collage</p>	<p><u>Skills</u> Perform using an instrument (Glockenspiel)</p>	<p><u>Skills</u> Passing Running Keeping the ball Finding space Passing the ball Receiving the ball Gaining and keeping possession</p>	<p><u>Skills</u> 3D software- designing using 3D software (sketch up).</p>	<p><u>Skills</u> Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques in the context of preparing and cooking a healthy seasonal meal.</p>

	at primary and secondary resources		Photography and photo manipulation		Invading the opposing team's space		
	Creating timelines						

Year 6	Foreign Languages
	<p>Key knowledge</p> <ul style="list-style-type: none"> • Chinese writing and sound systems • Chinese numeracy - understanding how large numbers (greater than 99) are built

Year 6	Personal Development		
	RE	PSHE and Citizenship	RSE
	Islam	Rights and responsibilities	Safeguarding
	<u>Knowledge</u> Islamic creation story The Quran Features of a Mosque The 5 Pillars of Islam The Prophet Mohammad What is a Shirk?	<u>Knowledge</u> <u>Knowledge</u> Rights and responsibilities Basic human rights Children's rights Bullying Respect and diversity	<u>Knowledge</u> Who can we go to with concerns at GPA? Managing situations safely Physical health Mental health
	<u>Skills</u> Awareness of world faiths. Respecting other religions Linking to other world religions.	<u>Skills</u> Oracy - debate and presentation Tolerance and respecting others	<u>Skills</u> Confidence How to keep mind and body healthy

Curriculum Overview Spring Term Year 6

Year 6	Core Subjects		
	English	Maths	Science
	<p><u>Theme: Inclusion and diversity</u> <u>Writing- Create</u> Narrative Balanced argument Biography Persuasive</p> <p><u>Reading- Skills</u> Recap- Predict Recap- Retrieval Recap- Using evidence Recap- Vocabulary Recap- Compare and contrast Recap- Fact and Opinion Justify Impressions Cause and Effect True and false</p> <p><u>PAG- Knowledge</u> Adverbials Sentence types Speech- Inverted commas Pronouns/possessive pronouns Recap- conjunctions Active and passive Apostrophes Dashes for parenthesis First person Verb tense Recap- Modal verbs</p>	<p><u>Ratio</u></p> <ul style="list-style-type: none"> - Use ratio language - Introduction to the ratio symbol - Ratio and fractions - Scale drawing - Use scale factors - Similar shapes - Ratio problems - Proportion problems - Recipes <p><u>Algebra</u></p> <ul style="list-style-type: none"> - Function machines - Form expressions - Substitution - Formulae - Form equations - Solve 1-step and 2-step equation - Find pairs of values - Solve problems with two unknowns <p><u>Decimals</u></p> <ul style="list-style-type: none"> - Place value within 1 - Place value -integers and decimals - Rounding decimals - Add and subtract decimals - Multiply by 10, 100, 1,000 - Divide by 10, 100, 1,000 - Multiply decimals by integers - Divide decimals by integers - Multiply and divide decimals in context <p><u>Fractions, decimals and percentages</u></p> <ul style="list-style-type: none"> - Decimals and fraction equivalents - Fractions as division 	<p>Evolution and Inheritance:</p> <p><u>Knowledge and Skills:</u></p> <ul style="list-style-type: none"> ➤ Evolution Theory ➤ Evolution of humans ➤ Natural selection ➤ How fossils are formed and how they show evidence of evolution. ➤ Scientist study- Charles Darwin ➤ Adaptations- finding evidence. ➤ Inheritance- why do we not look exactly like our parents? ➤ Natural selection <p><u>Investigate:</u></p> <ul style="list-style-type: none"> ➤ Inheritance experiment

		<ul style="list-style-type: none"> - Understand percentages - Fractions to percentages - Equivalent fractions, decimals and percentages - Order fractions, decimals and percentages - Percentage of an amount - Percentages (missing values) <p><u>Area, Perimeter and volume</u></p> <ul style="list-style-type: none"> - Shapes (same area) - Area and perimeter - Area of any triangle - Area of a parallelogram - Volume of a cuboid <p><u>Statistics</u></p> <ul style="list-style-type: none"> - Line graphs - Dual bar charts - Read and interpret pie charts - Pie charts with percentages - Draw pie charts - The mean 	

Year 6	Foundation Subjects						
	History	Geography	Art and Design	Music	PE	Computing	Design Technology
	Life on the Homefront	Our Global World	Portraiture	Ukulele	Basketball Gymnastics	Computer Programming (Scratch) Computer Hardware: Makey Makey	Textiles
	<u>Knowledge</u> Evacuation Air Raid Precautions The role of women D Day celebrations	<u>Knowledge</u> Human Geography: trade links, making a living from natural resources Globalization and trade-fair trade. Biomes	<u>Knowledge</u> To continue our study of Paper Monster	<u>Knowledge</u> To identify the key parts of a ukulele To analyse different musicians playing the ukulele	<u>Knowledge</u> How to dribble with accuracy How to pass with accuracy and control	<u>Knowledge</u> To understand what an algorithm is. To understand how algorithms are used in gaming. To understand how computer hardware is used.	<u>Knowledge</u> To know the names and methods for different stitching types Features of fabrics- flexibility, sturdy, waterproof
	Skills Comparison of sources Analysis and evaluation of source material Narrative	Skills Locate key cities on a world map and compare physical and human features. Give the latitude and longitude of major cities.	Skills To use collage to create a contemporary portrait To use ICT programs to create portraiture/photography pieces	Skills To play the ukulele using different strumming patterns	Skills Perform dribbling skills with accuracy, confidence and control To perform passing skills with accuracy, confidence and control	Skills To create and debug simple algorithms. To program and debug a piece of computer hardware.	<u>Skills</u> Sewing Designing and making templates Cutting fabrics

Year 6	Foreign Languages
	<p>Key knowledge</p> <ul style="list-style-type: none"> • Expression of ages • Using connectives • Describing pets • Describing family

Year 6	Personal Development		
	RE	PSHE and Citizenship	RSE
	Judaism	E safety	Keeping Safe
	<p><u>Knowledge</u></p> <p>How Jews show respect to God.</p> <p>How, where and why Jews worship.</p>	<p><u>Knowledge</u></p> <p>Resilience - what is it? Building strategies to develop resilience E safety - what are social media platforms used for How to report negative behaviour</p>	<p><u>Knowledge</u></p> <p>Families - what is a family unit? Different relationships</p>
	<p><u>Skills</u></p> <p>To make links between Judaism and other world religions. To understand the impact religion has upon daily life.</p>	<p><u>Skills</u></p> <p>Confidence building</p>	<p><u>Skills</u></p> <p>To understand that all families are unique. Develop an understanding of the qualities of a loving family. Identifying the qualities of different types of relationships e.g. friendships</p>

Curriculum Overview Summer Term Year 6

Year 6	Core Subjects		
	English	Maths	Science
	<p><u>Theme: Overcoming adversity</u> <u>Writing- Create</u> Narrative- Titanium News report</p> <p><u>Reading- Skills</u> Structure and language Sequence Recap- sequence Recap- Impressions Recap- Inference Recap- Vocabulary Recap- Summaries Recap- Retrieval</p> <p><u>PAG- Knowledge</u> Recap- Y5 skills/Autumn term/Spring Term Recap- Inverted commas Recap- DADWAVERS Recap- Figurative language Recap- 3rd person Direct and reported speech Brackets for parenthesis Punctuation for parenthesis</p>	<p><u>Shape</u></p> <ul style="list-style-type: none"> - Measure with a protractor - Calculate angles - Vertically opposite angles - Angles in a triangle (missing angles) - Angle in special quadrilaterals - Angles in regular polygons - Draw shapes accurately - Draw nets of 3-D shapes - <p><u>Position and Direction</u></p> <ul style="list-style-type: none"> - The first quadrant - Four quadrants - Translations - Reflections 	<p><u>Electricity</u> <u>Knowledge and skills:</u></p> <ul style="list-style-type: none"> ➤ Circuit components ➤ Creating circuits ➤ Understanding that current is the steady flow of electrons ➤ Voltage and impact upon components <p><u>Investigate:</u></p> <ul style="list-style-type: none"> ➤ Fixing broken circuits ➤ Different types of circuits <p><u>Light</u> <u>Knowledge and skills:</u> How light travels Reflection and how it helps us see Refraction</p> <p><u>Investigate:</u> How can we see around corners? Refraction through a prism.</p>

Year 6	Foundation Subjects						
	History	Geography	Art and Design	Music	PE	Computing	Design Technology
	Post War Britain	Field Work	Childhood Sketches	Djembe Course and Harry Potter	Athletics Rounders	Computer software: Spreadsheets Multimedia: Music Videos	Electrical Systems Control and Monitoring
	<p><u>Knowledge</u> The impact of war on post war Britain</p> <p>Baby boomers</p> <p>1950's youth culture</p> <p>1960's youth culture</p>	<p><u>Knowledge</u> To carry out a field survey of an urban and rural region.</p>	<p><u>Knowledge</u> To study the work of Sarah Graham</p>	<p><u>Knowledge</u> To understand the history of African drumming.</p> <p>To learn about a range of instruments and which families they belong to.</p>	<p><u>Knowledge</u> To understand how to pass a baton</p> <p>Starting positions</p> <p>Health and safety in athletics</p> <p>Positions in rounders and responsibilities when fielding and batting</p>	<p><u>Knowledge</u> To understand how computer software can be used for different purposes (spreadsheets).</p> <p>To understand the process involved in creating videos.</p>	<p><u>Knowledge</u> To understand and use Crumble software.</p> <p>To understand and analyse a range of products using subject vocabulary.</p>
	<p><u>Skills</u> To evaluate life in both the 1950's and 1960s.</p> <p>To compare how life for the youth evolved during these decades.</p>	<p><u>Skills</u> To use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.</p>	<p><u>Skills</u> Sketch a range of cartoons and logos</p> <p>Create a 3D sculpture, inspired by Childhood toys</p>	<p><u>Skills</u> To perform and compose a range of African drumming techniques.</p> <p>To compose a piece of music using Glockenspiels to suit the theme of Harry Potter.</p>	<p><u>Skills</u> How to complete a long jump and triple jump</p> <p>How to correctly clear a hurdle</p> <p>How to hold a rounders bat</p> <p>How to safely catch and pass a rounders ball</p> <p>How to work as a team in rounders</p>	<p><u>Skills</u> To use computer spread sheeting tools.</p> <p>Planning a music video Recording video footage Editing video footage Incorporating green screen footage. Adding in sound effects.</p>	<p><u>Skills</u> To evaluate a range of electrical board games and consider how they work and how appealing they are.</p> <p>To understand and use our control and monitoring software.</p> <p>To conduct a survey to use to create a game.</p> <p>To design, create and evaluate an electrical game.</p>

Year 6	Foreign Languages
	<p>Key knowledge</p> <ul style="list-style-type: none"> • Colours • Describing body parts • Combining colour and body parts to give descriptions

Year 6	Personal Development		
	RE	PSHE and Citizenship	RSE
	Buddhism	British Values	Friendships
	<u>Knowledge</u> Who is Buddha? What were Buddha's teachings? Wheel of Dharma Living in communities	<u>Knowledge</u> E safety - online sources Fake news Identifying unhealthy online behaviours Sharing information online safely Stereotypes and prejudice What are British Values? Money confidence	<u>Knowledge</u> Importance of friendships Healthy and unhealthy friendships Consent - my body my choice
	<u>Skills</u> Understanding beliefs of others around the world Understanding and discussing how religion may affect moral issues	<u>Skills</u> Managing personal information safely How to keep money safe	<u>Skills</u> Confidence to identify situations that require consent

