

Curriculum Overview for Year 6

<p><u>Reading</u></p> <p>Read a broad range of genres, eg persuasive texts, non-chronological reports, autobiographies & biographies (eg Darwin)</p> <p>Make comparisons within/across books</p> <p>Support inferences with evidence</p> <p>Summarise key points from texts</p> <p>Identify how language, structure etc contribute to meaning</p> <p>Discuss use of language</p> <p>Discuss & explain reading, providing reasoned justifications for views</p>	<p><u>Writing</u></p> <p>Plan writing to suit audiences & purpose (eg speeches, letters, diaries, balanced arguments)</p> <p>Develop character and setting in narrative</p> <p>Write a range of genres, in particular, develop use of 'voice' in non-fiction texts</p> <p>Use a wide range of cohesive devices</p> <p>Ensure grammatical consistency</p> <p>Develop legible personal handwriting style</p> <p>Select grammar & vocabulary for effect</p>	<p><u>Grammar</u></p> <p>Use the passive voice</p> <p>Use features to convey & clarify meaning</p> <p>Use full punctuation</p> <p>Use language of subject/object</p> <p>Different prefixes/ suffixes</p> <p><u>Speaking & Listening</u></p> <p>Use questions to build knowledge</p> <p>Articulate arguments & opinions</p> <p>Use appropriate register & language</p>	<p><u>Art & Design</u></p> <p>Make observational drawings and paintings of Ancient Egyptian artefacts.</p> <p>Sculpt a model of a mummy using clay and Modroc.</p> <p>Learn about great artists and designers . Art/paintings used to express opposition to things eg graffiti - Banksy Create own tag</p> <p>3D model - use mouldable materials with an electric circuit (Link to volcanoes work, science & computing work)</p> <p>Improve mastery of techniques, such as drawing, Painting and sculpture</p>	<p><u>Computing</u></p> <p>Teach E-safety during an E-safety week. Can they contribute to discussions online?</p> <p>Use a search engine using keyword searches. Use complex searches.</p> <p>Use Scratch to make a greetings card.</p> <p>Make an information poster using graphic skills. Add special effects. Present a film and adapt for a different audience.</p> <p>Measure levels of light using sensors.</p> <p>Data bases - natural disaster alarm service.</p>
<p><u>Number/Calculation</u></p> <p>Secure place value & rounding to 10,000,000 including negatives</p> <p>All written methods, including long division</p> <p>Use order of operations (not indices)</p> <p>Identify factors, multiples & primes</p> <p>Solve multi-step number problems</p> <p><u>Algebra</u></p> <p>Introduce simple use of unknowns</p>	<p><u>Geometry & Measures</u></p> <p>Confidently use a range of measures & conversions</p> <p>Calculate area of triangles/parallelograms.</p> <p>Use area & volume formulas</p> <p>Classify shapes by properties</p> <p>Know and use angle rules</p> <p>Translate & reflect shapes, using all four quadrants</p> <p><u>Data</u></p> <p>Use pie charts</p> <p>Calculate mean averages</p>	<p><u>Fractions</u></p> <p>Compare & simplify fractions</p> <p>Use equivalents to add fractions</p> <p>Multiply simple fractions</p> <p>Divide fractions by whole numbers</p> <p>Solve problems using decimals & percentages</p> <p>Use written division up to 2dp</p> <p>Introduce ratio & proportion</p>	<p><u>Design & Technology</u></p> <p>Use market research & criteria to develop products—Fiver Challenge.</p> <p>Explain how their product should be stored. Consider how their product could be sold? How could they improve their product? Evaluation of the product and process.</p> <p>Making volcano - using different kinds of circuits, and exploring mouldable materials.</p> <p>Dig for Victory! - understand seasonality, understand and apply the principles of a healthy and varied diet. Make recipes from WW2.</p>	<p><u>Geography</u></p> <p>Name & locate counties, cities, regions & features of UK</p> <p>Understand latitude, longitude, Equator, hemisphere, tropics, polar circles & time zones</p> <p>Antartica - how human activity has caused an environment to change.</p> <p>Create sketch maps and use 4 & 6 grid ref</p> <p>Volcanoes, earthquakes & tsunamis (plus vegetation belts, rivers, mountains and water cycle)</p>
<p><u>Science</u></p> <p>Evolution & Inheritance. - classification, living things change over time. fossils, Explain the process of evolution and describe the evidence for this. Look adaptation (tie into Antarctica work).</p> <p>Find out about Darwin, Anning and Wallace.</p> <p>Light - travels in straight lines, how we see things, spectrum, look at simple optical instruments. (Link with 'War' theme.) Learn about shadows.</p> <p>Identify & name main parts of human circulatory system, function of heart, blood vessels & blood. Medical pioneers.</p> <p>Electricity - Circuits & circuit diagrams. Identify basic parts of a series circuit. Compare and give reasons for variation in how components function. Use recognised symbols in a diagram. Make own traffic light system.</p> <p>Effects of drugs, lifestyle, exercise & diet. (Tie in with PSHE work in summer term.)</p>	<p><u>History</u></p> <p>Children will be taught about the achievements of Ancient Egypt. They will learn about the methods and achievements of Egyptologists. Research Pharaohs and learn about symbols of power and wealth.</p> <p>How has Britain had a major influence on world history? What has Britain learnt?</p> <p>Identify and explain propaganda (WW2 speeches)</p> <p>Describe a key event (eg Dunkirk) using a range of evidence from different sources</p>		<p><u>Modern Foreign Languages</u></p> <p>Listen & engage.</p> <p>Engage in conversations, expressing opinions. Speak in simple language and be understood. Develop appropriate pronunciation. Present ideas & information orally. Show understanding in simple reading. Adapt known language to create new ideas. Describe people, places & things. Understand basic grammar. Transition work - summer term.</p>	<p><u>Music</u></p> <p>Sing a harmony part, use different forms of notation</p> <p>Recognise that different forms of notation serve different purposes</p> <p>Compare and contrast the impact of different composers on people. Eg Wagner versus Elgar/ Britten and links to propaganda. Evaluate use of venue, occasion & purpose</p> <p>War protest songs - Lennon/Dillon—compose own. Analyse features in different kinds of music. 'Eurovision Song Contest' in International week - use of chords, melodic and bass lines.</p>
			<p><u>Physical Education</u></p> <p>Use running, jumping, catching and throwing</p> <p>In isolations and in combination</p> <p>Play competitive games, applying basic principles</p> <p>Develop flexibility & control in gym, dance & athletics</p> <p>Take part in Outdoor & Adventurous activities</p> <p>Compare performances to achieve personal vests</p>	<p><u>Religious Education</u></p> <p>Learn about Harvest and what it means to our local community and how it is celebrated.</p> <p>Studying people's interpretation of Jesus- 'Who do people say I am?' and explore Jesus through art.</p> <p>Look at Buddhism in depth and consider what it means to be a Buddhist and think about how we can all be enlightened. Beliefs and Actions in the World: What key beliefs influence people's faith and how do people of faith live out their lives?</p> <p>Think about what happens when we die. Also study a range of world religious festivals.</p>