

Curriculum Overview for Year 6

<p><u>Reading</u></p> <p>Read a broad range of genres, eg persuasive texts, non-chronological reports, autobiographies and biographies (eg Darwin) Make comparisons within/across books Support inferences with evidence Summarise key points from texts Identify how language, structure etc contribute to meaning Discuss use of language Discuss and explain reading, providing reasoned justifications for views</p>	<p><u>Writing</u></p> <p>Plan writing to suit audiences and purpose (eg speeches, letters, diaries, balanced arguments) Develop character and setting in narrative Write a range of genres, in particular, develop use of 'voice' in non-fiction texts Use a wide range of cohesive devices Ensure grammatical consistency Develop legible personal handwriting style Select grammar and vocabulary for effect</p>	<p><u>Grammar</u></p> <p>Use the passive voice Use features to convey and clarify meaning Use full punctuation Use language of subject/object Different prefixes/suffixes</p> <p><u>Speaking & Listening</u></p> <p>Use questions to build knowledge Articulate arguments and opinions Use appropriate register and language</p>	<p><u>Art and Design</u></p> <p>Make observational drawings and paintings of Ancient Egyptian artefacts. Sculpt a model of a mummy using clay and Modroc. Learn about great artists and designers Art/paintings used to express opposition to things eg graffiti - Banksy Create own tag 3D model - use mouldable materials with an electric circuit (Link to volcanoes work, science and computing work) 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? Use a search engine using keyword searches Use complex searches Use Scratch to make a greetings card Add special effects Present a film and adapt for a different audience Measure levels of light using sensors Data bases - natural disaster alarm service</p>
<p><u>Number/Calculation</u></p> <p>Secure place value and rounding to 10,000,000 including negatives All written methods, including long division Use order of operations (not indices) Identify factors, multiples and primes Solve multi-step number problems</p> <p><u>Algebra</u></p> <p>Introduce simple use of unknowns</p>	<p><u>Geometry and Measures</u></p> <p>Confidently use a range of measures and conversions Calculate area of triangles/parallelograms. Use area and volume formulas Classify shapes by properties Know and use angle rules Translate and reflect shapes, using all four quadrants <u>Data</u> Use pie charts Calculate mean averages</p>	<p><u>Fractions</u></p> <p>Compare and simplify fractions Use equivalents to add fractions Multiply simple fractions Divide fractions by whole numbers Solve problems using decimals and percentages Use written division up to 2 decimal places Introduce ratio and proportion</p>	<p><u>Design & Technology</u></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 Grow own products</p> <p>Marble Run - design, generate, develop, model and communicate their ideas through discussion and making of prototypes Select from a wide range of tools, materials and equipment Evaluate investigate and analyse their product</p>	<p><u>Geography</u></p> <p>Name and locate counties, cities, regions and features of UK Understand latitude, longitude, Equator hemisphere, tropics, polar circles and time zones Antarctica - how human activity has caused an environment to change Create sketch maps and use 4 and 6 fig grid references Volcanoes, earthquakes and tsunamis (plus vegetation belts, rivers, mountains and water cycle)</p>
			<p><u>Modern Foreign Languages</u></p> <p>Listen & engage Engage in conversations, expressing opinions Speak in simple language and be understood Develop appropriate pronunciation Present ideas and information orally Show understanding in simple reading Adapt known language to create new ideas Describe people, places and things Understand basic grammar Transition work - summer term.</p>	<p><u>Music</u></p> <p>Sing a harmony part, use different forms of notation Recognise that different forms of notation serve different purposes Compare and contrast the impact of different composers on people e.g. Wagner versus Elgar/ Britten and links to propaganda Evaluate use of venue, occasion and purpose 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>Science</u></p> <p>Evolution and Inheritance. - classification, living things change over time - fossils, Explain the process of evolution and describe the evidence for this - Look at adaptation (tie into Antarctica work) Find out about Darwin, Anning and Wallace Light - travels in straight lines, how we see things, spectrum, look at simple optical instruments (Link with 'War' theme.) Learn about shadows Identify and name main parts of human circulatory system, function of heart, blood vessels and blood Medical pioneers. Electricity - Circuits and 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. Effects of drugs, lifestyle, exercise and 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 How has Britain had a major influence on world history? What has Britain learnt? 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>Physical Education</u></p> <p>Use running, jumping, catching and throwing in isolations and in combination Play competitive games, applying basic principles Develop flexibility and control in gym, dance and athletics Take part in Outdoor and Adventurous activities Compare performances to achieve personal bests</p>	<p><u>Religious Education</u></p> <p>Learn about Harvest and what it means to our local community and how it is celebrated Studying people's interpretation of Jesus - 'Who do people say I am?' and explore Jesus through art 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? Look at Humanism and think about how they value community, friendship and explain the world Think about what happens when we die Also study a range of world religious festivals</p>