

**Curriculum Overview – Year 6
2019 2020**

Subjects	Autumn	Spring	Summer
Mathematics	Place value Place value Addition and subtraction Addition and subtraction (Money Problems) Multiplication and division Multiplication and division (F, D and P) F, D and P Measurement (length) Measurement (capacity and volume) Measurement (Time) Algebra, ratio and proportion Geometry Interpreting data (graphs and averages) Position and direction	Place value Addition, subtraction, multiplication, division Reasoning problems F, D and P Measurement Geometry Four operations inc. money F, D and P Measurement Geometry inc. pos. and dir. Interpreting data (graphs and averages) Gap analysis	Gap analysis Gap analysis Gap analysis SATs Sports and maths (bar charts) Sports and maths (line graphs)
Literacy	Instructions - Gas mask Poetry - Rhyming war poems Diary - Evacuation Recount Narrative Dam Busters Punctuation and Grammar	Biography Story in a historical setting Poems Free Verse Instructional writing Information text Stories from imaginary Worlds Punctuation and Grammar	Persuasive writing Formal letter writing Creative Writing Argument Writing Recount in diary form Limericks and Kennings Punctuation and Grammar
Science	Light Microbes	Evolution and adaptation Reproduction of plants and animals Electricity	The respiratory system Diet and exercise, transport of nutrients
gSTEM 'Technology will not replace great teachers, but technology in the hands of great teachers can be transformational' - George Couros	Marvellous Microbes Water Collection and Contamination.	Wild weather, flood alerts Global Goal challenges Climate Change	Electric Vehicles and Formula E Racing
Music <i>"Where words fail, music speaks."</i> — Hans Christian Andersen	Celebration Music Skills and theory Develop rhythmic and coordination skills. To introduce jazz including the words blues and boogie woogie. Learn about the drum kit and coordinate sounds and actions. Deepen notational understanding through teaching of value of notes on the stave semibreves and dotted crotchets - compose melodies which use different note values in time signatures of 4/4 and ¾. To identify the sounds of different instruments To learn more about jazz including the words and sounds. To introduce tied notes and the term syncopation Learn how to sing songs from the Caribbean.	Recorders, composition of original music, differing time signatures	Ukulele, creating own scores with chords.

	To extend knowledge of intervals and develop aural skills. Write out a piece by ear using full notation To be able to fit new words to an existing piece of music. To introduce a new dotted crotchet/quaver rhythm.		
History	WWII		Mayan civilisation and the Aztecs
Geography	WWII	Case studies of storms and shipwrecks. Coastal erosion	Urban regeneration (STEM plastics link)
P.E	A1: Dance (WW11) – Artistic A1:Endurance and Running <i>Sports and maths (pie charts)</i> <i>Sports and maths (measurement)</i> <i>Sports and maths (averages)</i> <i>Sports and maths (F, D, P)</i> A2: Ultimate Frisbee A2: Fencing (PE SKILLS PROGRESSION DOC)	S1: Gymnastics S1: Hockey S2: Netball S2: Break Dance (PE SKILLS PROGRESSION DOC)	S1: Tennis S1: Cricket S2: Athletics- Fit-Triton – Linked to Science S2: Tennis (PE SKILLS PROGRESSION DOC)
MFL	French: at school	French: the weekend	Spanish: introduction
R.E	Rules and guidance Interpretation	Christian story Resurrection - Easter	Communication – prayer Community - Sangha
Computing	Programming – ollies/spheros Desktop publishing (For skills progression, refer to the skills progression document) E-safety - to be implemented throughout Inappropriate images	Publishing skills Data representation Multimedia – film/animation (For skills progression, refer to the skills progression document) E-safety - to be implemented throughout Self worth/FOMO	Data handling Writing algorithms – PowerPoint <i>quiz with hyperlinks</i> Programming CAD - Sketchup (For skills progression, refer to the skills progression document) E-safety - to be implemented throughout Digital Resilience
Art	Textiles Close observational drawing. Microscopic mixed media interpretations Resist using wax and tape	Links to architecture Monuments column structures Shipwrecks watercolours, layering.	Clay rolling, pulling 3D structures Mayan masks
Beach	See geography	Gilkicker defences Diving museum Historical talk at ramparts	
SMSC	Relations, working together, respecting others, becoming a respectful citizen Anti-bullying (including cyber bullying)	Who can you speak to? Cyber Bullying – CEOP talk	Types of bullying Gender respect Religion respect Race respect SRE – Puberty and reproduction Drug and alcohol awareness