

YEAR 5 ANNUAL CURRICULUM – THE MODERN YEAR

Michaelmas term		Lent term		Trinity term		
History	The First World War Causes of the war; relations between Germany and Britain, the Somme and the trenches, Gallipoli	The course of the war: the Ludendorff Offensive, shellshock, changing weapons	The Second World War The Versailles Treaty, new territories	The rise of the Nazi Party, appeasement, Churchill, Battle of Britain, D-Day, the Blitz	The Second World War Area bombing, Barbarossa The War in the East	Pearl Harbour, Operation Mincemeat Hiroshima, the nuclear age
English	<i>Prince Caspian</i> , C.S. Lewis First World War poetry by Brooke, McCrae and Binyon	<i>Prince Caspian</i> , C.S. Lewis First World War poetry by Owen, Seeger and Pope	<i>Alice in Wonderland</i> , Lewis Carroll Poetry by Shakespeare, Chesterton and Masfield	<i>Alice in Wonderland</i> , Lewis Carroll Poetry by Wordsworth and Carroll	<i>The Silver Sword</i> , Ian Serrailier Poetry by Hughes, Mackellar and McGough	<i>The Silver Sword</i> , Ian Serrailier Poetry by Hopkins, Blake and Tennyson

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RS	The Modern Year – Catholicism around the world, Hinduism, the Westminster Cathedral project					
	<p>The structure of the Church and revival of Catholicism</p> <p>The Laws of God. The Ten Commandments & how they are applicable in the modern age</p> <p>The Golden Rule & The New Commandment</p> <p>The Cardinal Virtues</p>	<p>The Beatitudes</p> <p>The Communion of Saints; Remembrance</p> <p>The Common Good: St Teresa of Calcutta (d. 1997)</p> <p>Modern Christmas traditions</p>	<p>The institution of the Sacraments</p> <p>The Seven Deadly Sins</p> <p>The Sacrament of Reconciliation</p> <p>Grace</p>	<p>The Mass today</p> <p>Salvation, vocation, marriage</p> <p>Modern Hinduism</p>	<p>Mary's importance to Catholics</p>	<p>The Westminster Cathedral Project</p> <p>Catholicism around the world</p>

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Computing	Rights and Responsibility – Digital Citizen Pledge	Word Processing	<i>Reasoning</i>		<i>Reasoning</i>	
	Spam	Presentation skills, referencing,				
	Secure passwords, Photoshop	Data handling & spreadsheets; podcasts				
	Online safety scenarios, viruses	Coding & touch typing				
Art	Illustration	Revolutionary Art	War in Art	Botanical Art	The Impressionists & nature painting	Modern Art
	Project: Create illustrations for <i>Prince Caspian</i> , taking inspiration from the Pre-Raphaelites Skills: drawing and use of colour	Project: Learning the painting techniques of J M W Turner Napoleonic ship building Create an origami ship Skills: origami, Modroc and painting with acrylic	Project: study how World Wars are depicted in art and war propaganda Produce a silhouette picture of the Blitz and design own war propaganda poster Skills: watercolours, silhouettes and typography	Project: study work of botanical artists during the Victorian period Explore links with scientific discoveries Draw your own specimens Skills: drawing, observation	Project: look at the style of the Impressionists Paint a spring inspired picture outside using watercolours Skills: brush strokes, colour, tone and watercolours Science and colour	Project: post war art, Henri Matisse before and after the war, the cut outs Produce a Matisse-inspired cut out Skills: collage and drawing with paper and scissors

	Michaelmas term	Lent term	Trinity term
Music	<p>Music History Baroque and Modern Periods</p> <p>Music theory Intervals Composer signatures in music Harmony</p> <p>Music history Instruments of the Orchestra Development of music</p> <p>Composer focus Johann Sebastian Bach Antonio Vivaldi Dimitri Shostakovich George Gershwin</p> <p>Performance opportunities Junior Choir Junior string band/junior wind ensemble Chamber groups Performance class Instrumental recitals</p> <p>Project Timeline of famous composers</p>	<p>Film Music</p> <p>Music theory Keys and their effects Intervals Composing music for story</p> <p>Composer focus Max Steiner John Williams Hans Zimmer</p> <p>Listening and watching <i>King Kong</i> – Max Steiner <i>Star Wars</i> – John Williams <i>Dunkirk</i> – Hans Zimmer</p> <p>Performance opportunity Junior choir School musical Junior string band/junior wind ensemble Chamber groups WCCS music competition Instrumental recitals</p> <p>Project Creation of story with accompanying music</p>	<p>Modern Music Styles</p> <p>Music theory Modes Improvisation 12-bar blues Composing a blues</p> <p>Composer focus George Gershwin Louis Armstrong Elle Fitzgerald Glenn Millar Wynton Marsalis</p> <p>Performance opportunity Junior Choir Junior string band/junior wind ensemble Chamber groups Performance class Instrumental recitals</p> <p>Project Writing and performing your own blues</p>

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French	Revision of –er verbs, avoir and etre	Asking for directions, tourist information Verb: aller	Telling the time, school subjects Basic daily routines	French meals, food and drink, fruit/vegetables, Quel / quelle	Verb : Aller + infinitive, Où habites-tu?	Colours as adjectives
	Weather, seasons, sports, activities	Questions and longer sentences Transport	Reflexive verbs Du/de la/des	Negatives Modern Francophonie : Senegal	IR and RE verbs Comprehension skills	Introduction to the past tense Speaking practice
	Dates & months	Battlefields in France	French meals, food and drink, fruit/vegetables, Modern Francophonie: Senegal	Cathedral project: Notre Dame	Cathedral project: Notre Dame	
	Remembrance through the ages					

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Latin	Revision of present tense verbs	The imperfect tense	3rd and 4th conjugation verbs	The perfect tense	The 3rd declension
	Revision of imperatives	2nd Conjugation verbs	Adverbs	Principal parts	English derivations
	Revision of the nominative, accusative and vocative cases	2nd declension nouns	The mixed conjugation	Perfect of 'sum'	The future tense
	Revision of conjunctions, adverbs, subordination, prepositions and interrogatives	Adjectives	Roman numerals	Lengthier subordinate clauses	'is, ea, id'
	Personal pronouns			Compound verbs	
	The genitive, dative and ablative cases				
Classical civilisation	Origins of Rome Romulus and Remus The Trojan War – the deaths of Patroclus and Hector		Horatius Cocles Mucius Scaevola The Story of Cloelia Coriolanus Manlius Torquatus		Foods and meals Julius Caesar Slavery The Roman army

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Maths ISEB Year 5	Arithmetic – fractions, decimals, percentages, ratios, pre-algebra Geometry – measurement in 3D shape, shape reasoning and transformations Algebra – the use of algebra to solve problems, use of formulae The Modern Year – Gauss: Summing; coding, counting in bases, Pascal & Fermat, Alan Turing and Enigma	
<ul style="list-style-type: none"> • Place Value • Factors • Number Properties • Decimals, Fractions and Percentages • Percentages of amounts • Angles • Rotation • Area and perimeter • 3D Shapes 3 (volume) 	<ul style="list-style-type: none"> • Ratio and proportion • Functions • Inequalities • Decimal multiplication • Decimal division • Long multiplication • Division using factors • Line graphs • Arithmetic mean, range, mode and median • Probability • Time and timetables 	<ul style="list-style-type: none"> • Fraction multiplication and division • BIDMAS • Speed-distance-time • Scale drawings and grids • Introduction to algebra • Advanced number work • Calculation by comparison • Sequences • Introduction to algebra

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Science	Earth and space A brief history, constellations The solar system Earth and moon Moving shadows, seasons, phases of the moon Light Reflection, light travels in straight lines Shadows Seeing Space exploration	Forces Magnetic, gravitational, friction Air/water resistance Elastic forces, reaction forces, upthrust Levers, pulleys and gears Force diagrams Projectiles and machinery in war the Falkirk wheel Scientist study Isaac Newton (1643-1727) Newton's laws	Ecology Conservation, populations and competition, variety of living organisms Evolution and inheritance Changes over time, adaptation Differences in habitats Scientists study David Attenborough (b. 1926) and Jane Goodall (b. 1934) Contribution to knowledge of animal behaviour	Reversible changes Changes of state, dissolving, soluble/insoluble Thermal insulators, temperature Acids and alkalis Indicators Chemical changes Combustion, rusting, word equations Using chemical changes The invention of synthetic materials: graphene, nylon, 1954 Schmidt investigation of rock strength and elasticity	Life cycles Plants, animals, humans Breathing Lung structure, gas exchange The role of smoking, circulation, exercise, the use of poison gas in war The dangers of aerial pollution History of smoking and the clean air act (1952)	Separating mixtures Decanting, filtering, evaporating, salt, oil, chemicals Chromatography Scientific diagrams, uses of science in conservation of art Scientist study Ruth Berenito (1916 – 2003) Development of washable cotton Chromatography in the fight against the Ebola virus

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	<p>The Modern Year Shifting borders and boundary disputes in the 20th Century Resource competition</p>		
Geography	<p><i>Map Skills:</i> -direction -distance -symbols -4 Figure Grid References -showing height</p>	<p><i>Wars in Modern Times:</i> -the USA -the USSR and the Cold War</p>	<p><i>Wars in Modern Times:</i> -Northern Ireland -geographical boundary wars -competition for water and other resources</p>

Michaelmas term	Lent term	Trinity term
<p style="text-align: center;">Reasoning</p>	<p>Non-verbal reasoning</p> <ul style="list-style-type: none"> • Similarities, analogies • Series, matrices • Hidden pictures, odd one out • Reflected pictures, codes • Combined pictures, nets of cubes • Series, reflected pictures <p>Verbal reasoning</p> <ul style="list-style-type: none"> • Synonyms, missing three-letter words, number sequencing, time problems • Missing numbers, antonyms, match the codes, true statements • Analogies, letters for numbers, letter sequencing, maths problems • Antonyms, missing letters, letter codes, sorting information • Spot the word, anagrams, number connections, date problems • Missing three-letter words, join two words to make one, missing numbers, sorting information <p>Non-verbal reasoning</p> <ul style="list-style-type: none"> • Analogies, odd one out • Nets of cubes, hidden pictures • Matrices, combined pictures • Reflected pictures, similarities • Codes, series • Odd one out, analogies 	<p>Non-verbal reasoning</p> <ul style="list-style-type: none"> • Similarities, nets of cubes • Matrices, reflected pictures • Hidden pictures, odd one out • Nets of cubes, combined pictures • Analogies, series • Codes, similarities <p>Verbal reasoning</p> <ul style="list-style-type: none"> • Number sequencing, join two words to make one, match the codes, true statements, date problems • Synonyms, analogies, letter sequencing, date problems • Word categories, letters for numbers, letter codes, sorting information • Odd ones out, synonyms, complete the sentence, complete the word • Number connections, anagrams, jumbled sentences, position problems • Word chains, join two words to make one, alphabetical order, maths problems <p>Non-verbal reasoning</p> <ul style="list-style-type: none"> • Revision of core skills

	<p>Verbal reasoning</p> <ul style="list-style-type: none"> • Alphabetical order, odd ones out, make a word from two words, complete the word • Synonyms, word chains, word codes, time problems • Word connections, missing numbers, letter sequencing, true statements, maths problems • Odd ones out, missing three-letter words, word codes, date problems • Move a letter, letters for numbers, word connections, maths problems • Antonyms, missing letters, make a word from two words, position problems 	<p>Verbal reasoning</p> <ul style="list-style-type: none"> • Spot the word, move a letter, missing letters, time problems • Antonyms, missing numbers, complete the sentence, complete the word • Move a letter, odd ones out, number sequencing, time problems • Spot the word, join two words to make one, number connections, complete the word • Make a new word, missing three-letter words, letter sequencing, date problems • Letter codes, jumbled sentences, synonyms, position problems
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English ISEB Pre-Test Preparation	<p>In the Pre-Test, questions will assess a boy's grasp of the grammar and literacy skills included in the National Curriculum Programme of Study up until the end of Year 5.</p> <p>Comprehension In the Pre-Test, the extracts boys are given are from novels, non-fiction writing and poetry and boys become familiar with all three. Questions assess boys' ability to:</p> <ul style="list-style-type: none"> - Find and recall information contained in a passage - Summaries main ideas - Make comparisons (between different moments in a text, between contrasting characters, between formal language and informal language) - Draw inferences and read between the lines, especially when understanding characters' motivations - Explain the meaning of words in the context they are used in a passage - Comment on the effects of language choices e.g. adjectives and literary devices (alliteration, similes, metaphors, onomatopoeia, imagery, irony, rhetorical questions and personification) <p>Grammar In the Pre-Test, boys are assessed on the following areas:</p> <ul style="list-style-type: none"> - Vocabulary – prefixes and suffixes; their ability to find synonyms and antonyms for given words; common idioms - Punctuation – correct use of commas (in a list, after an adverbial phrase, to separate clauses, within dialogue punctuation) full stops, exclamation marks, apostrophes (of possession and omission/contraction), speech marks, hyphens and dashes, question marks and colons - Grammar – their knowledge of what is grammatically correct, rather than complex terminology (pupils will be expected to be able to identify nouns, verbs, adjectives, adverbs and prepositions); clauses; formal and informal language; verb agreement; sentence structure. In most questions, boys will be asked 'What is grammatically correct?' rather than having to recall the names of specific tenses - Spelling – homophones e.g. their / there / they're and near homophones e.g. conscience / conscious; their knowledge of spelling patterns and common exception words e.g. for 'i' before 'e' except after 'c', leisure, foreigner, weird, seize, height <p>In Year 5, we continue the process of building and consolidating the fundamentals in each of the elements listed above and students begin to complete practice papers in timed conditions in the Trinity term. The overriding priority in Year 5 is to build competence and confidence in a wide range of skills which will be assessed in the Pre-Test.</p>	

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Maths ISEB Pre-Test Preparation	<p>In the Pre-Test, questions will assess a pupil’s knowledge of mathematics topics from the National Curriculum Programme of Study up until the end of Year 5:</p> <ul style="list-style-type: none"> • Number and place value • Calculations (addition, subtraction, multiplication, division) • Fractions, decimals and percentages • Measurement • Geometry • Statistics <p>Some questions will assess mathematical fluency in the form of arithmetic questions, others will require solving mathematical problems, possibly including more than one of the topics.</p> <p>In Year 5, we continue to progress through the National Curriculum. Some topics that were learned in Year 4 are reviewed at a higher level of difficulty to ensure that they are retained and mastered. Skills-based work is complemented with problem-solving and puzzles to ensure boys can access the higher difficulty questions in the Pre-Test.</p> <p>Atom Learning is used in one half-hour lesson per week. In Trinity term, one of the two weekly preps is set by the teacher on Atom Learning. This consists of Pre-Test-style questions in a certain topic. Aside from this, boys should also work through the ‘Primary – 11+ Mathematics’ course on Century Tech for further practice completing multiple choice questions online. This course covers the whole National Curriculum and is split into ‘nuggets’ which focus on specific topics.</p>	