

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	Geography	Geography	The Second World War: The Versailles Treaty, rise of the Nazi Party; appeasement; Churchill; Battle of Britain; D-Day	The Second World War: area bombing, Pearl Harbour, Operation Mincemeat, Hiroshima
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	Word Processing	Computer science	<i>Reasoning</i>		<i>Reasoning</i>	
	Digital citizen pledge	Presentation skills				
	You've won a prize	Coding with Kodu.				
	Sites to cite	Data & spreadsheets podcast				
	Picture perfect					
	Cyber comics					
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 and Modroc 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

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Music	<p>20th Century and Contemporary Music <i>The Classical tradition today</i></p> <p>Music theory Grade 2 Theory Complex time signatures Leger lines Composing around a 12-bar blues form and structure</p> <p>Listening <i>It's Gonna Rain</i> (Reich) <i>War Requiem</i> (Britten) <i>4' 33"</i> (Cage) <i>Five Orchestral Pieces</i> (Schoenberg) <i>The Rite of Spring</i> (Stravinsky) <i>Music for Strings, Percussion and Celeste</i> (Bartok)</p> <p>Singing <i>Friday Afternoons</i> (Britten) <i>Come Away Death</i> (Finzi) Vocal music by Poulenc, Barber, Prokofiev, Ligeti</p> <p>Performance opportunities Junior choir Junior ensembles One recital class per term</p>	<p>Film music, and music for screen <i>Popular applications of Classical music</i></p> <p>Music theory Grade 2 Theory Minor scales Italian performance directions Triads and inversions Composing music for moving picture</p> <p>Listening <i>Schindler's List</i> (Williams) <i>Alice in Wonderland</i> (Elfman) <i>Dambusters March</i> (Coates) <i>The Gadfly</i> (Shostakovich) <i>King Kong</i> (Steiner) <i>Vertigo</i> (Herrmann) <i>Star Wars</i> (Williams) <i>Inception</i> (Zimmer)</p> <p>Singing <i>Blue Moon</i> <i>When You Wish Upon a Star</i> <i>Raindrops Keep Fallin' On My Head</i> <i>Twist and Shout</i> <i>Hakuna Matata</i></p> <p>Performance opportunity Junior choir School musical Junior ensembles One recital class per term</p>	<p>Pop Music since 1940 <i>Understanding pop</i></p> <p>Music theory Major vs minor: Scales (C, F, G, D, Bb) ABRSM practice papers (Grade 2) Composing a pop song</p> <p>Listening <i>We'll Meet Again</i> (Vera Lynn) <i>Sgt Pepper's Lonely Hearts Club Band</i> (The Beatles) Songs by Stevie Wonder <i>Gimme Shelter</i> (Rolling Stones) 21 (Adele) <i>Goodbye Yellow Brick Road</i> (John) Five Spirituals from <i>A Child of Our Time</i> (Tippett) <i>Hound Dog</i> (Elvis Presley)</p> <p>Singing <i>Penny Lane</i> <i>I Can't Get No Satisfaction</i> <i>My Way</i> <i>Don't Stop Believing</i> <i>Go down Moses</i> <i>It Don't Mean a Thing</i></p> <p>Performance opportunity Junior choir Junior ensembles One recital class per term</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 Negatives Modern Francophonie : Senegal	Verb : Aller + infinitive, Où habites-tu? IR and RE verbs Comprehension skills Cathedral project: Notre Dame	Colours as adjectives Introduction to the past tense Speaking practice Cathedral project: Notre Dame
	Weather, seasons, sports, activities Dates & months Remembrance through the ages	Questions and longer sentences Transport Battlefields in France	Reflexive verbs Du/de la/des French meals, food and drink, fruit/vegetables, Modern Francophonie : Senegal			
Latin Clarke's Latin II	[CL II.-1-4] <i>Amo</i> , negatives, conjunctions, nominatives & adverbs	[CL II.-1-4] The imperfect tense The future tense The 2nd conjugation The 2nd declension	[CL I.7-10, V1.8] Interrogatives, imperatives, vocatives & genitives	[CL I.11-14, V1.9] Datives, ablatives, prepositions governing the ablative & revision passages	[CL II.3-5, V1.10-11] Imperfect & future tenses & <i>moneo</i>	[CL II.6, V1.12] <i>Dominus & filius</i>

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Classical civilisation	<p>The Greek Agora</p> <p>Greek Mythology 1 (Perseus, Scylla and Selene and Endymion)</p>	Greek Warfare 1 (Thermopylae and Salamis)	The Conquest of Britain Greek Mythology 1 (Medusa)	Herodotus, Father of History (the Amazon Warrior Women)	Greek Warfare 1 (Thermopylae, Salamis and the death of Archimedes)	The Severans (Septimius Severus, Julia Domna, Antoninus and Publius)
Maths ISEB Year 5	<p>Arithmetic – fractions, decimals, percentages, ratios, pre-algebra</p> <p>Geometry – measurement in 3D shape, shape reasoning and transformations</p> <p>Algebra – the use of algebra to solve problems, use of formulae</p> <p>The Modern Year – Scratch programming project, Babbage, counting in bases, Turing and the Enigma machine</p>					
	<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 • Data handling (bar graphs and pie charts) 	

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Science	<p>Adaptation and habitats, how habitats differ, different organisms and camouflage</p> <p>Ecology, conservation, living organisms, evolution, inheritance and selective breeding</p> <p>David Attenborough and Jane Goodall – contributions to animal behaviour</p>	<p>Magnetic and gravitational forces, friction</p> <p>Air and water resistance</p> <p>Elastic and reaction forces, upthrust, levers, pulleys and gears</p> <p>Projectiles and machinery in war</p> <p>The Falkirk Wheel</p> <p>Isaac Newton</p>	<p>Properties of materials</p> <p>Reversible changes, soluble and insoluble</p> <p>Thermal insulators, temperature, acids and alkalis</p> <p>The invention of synthetic materials: graphene, nylon</p> <p>Schmidt’s investigation of rock strength and elasticity</p>	<p>Life cycles, plants, animals, humans</p> <p>Breathing, lung structure, gas exchange</p> <p>The use of poison gas in war</p> <p>The dangers of aerial pollution</p> <p>The Clean Air Act, 1952</p>	<p>Earth and space, constellations, the solar system, earth and moon, moving shadows</p> <p>Seasons and phases of the moon</p> <p>Light, reflection, light travel in straight lines, shadows</p> <p>The use of satellites during war</p> <p>Communications satellites</p>	<p>Separating mixtures, decanting, filtering, evaporating</p> <p>The use of science in art conservation</p> <p>Ruth Berenito (1916 – 2003) and the development of washable cotton</p> <p>Chromatography in the fight against the Ebola virus</p>
Geography	The Modern Year – Shifting borders and boundary disputes in the 20th Century and resource competition					

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	History	<ul style="list-style-type: none"> • Map skills • Direction • Distance • Symbols • Four-figure grid references • Showing height 	<ul style="list-style-type: none"> • Modern wars • Israel & Palestine • USSR & Cold War • Geographical boundary wars • Competition for water 	History

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Reasoning <i>Atom Learning/ Century Tech</i>	<p>Non-verbal reasoning (30 mins) pre-test questions are split into these main types, each with different question styles:</p> <ul style="list-style-type: none"> ○ Similarities/differences: odd ones out, find the figure like the first two, find the figure like the first three ○ Codes: two-letter shape codes, vertical codes, horizontal codes ○ Complete the diagram: complete the pair, complete the series <p>Spatial reasoning:</p> <ul style="list-style-type: none"> ○ 3D visualisation: 3D rotation, 3D building blocks, plans and elevations, plans and elevations with cuboids, nets of cubes, nets of cuboids, cubes and nets ○ 2D manipulation: rotate the figure, reflect the figure, rotation and reflection, combining 2D shapes, 2D folding. <p>Verbal reasoning (30 mins) pre-test questions are split into these main types, each with different question styles:</p> <ul style="list-style-type: none"> ○ Word meaning: synonyms, antonyms, odd ones out, homographs, connecting words to complete the sentence, sentence order ○ Comprehension (making words): missing letter, move one letter, find the hidden word, find the missing word, following a pattern to make a word, joining words to make a new word, following a pattern with word pairs ○ Reasoning: balancing equations, number sequences, related numbers, basic algebra, mixed up words, words within words, alphabetical order, mixed up words within a sentence ○ Logic: alphabet codes, connecting letters, words and letter codes, words and number codes, word problems 	
	<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>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"> • 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>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"> • 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"> • 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</p> <p>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</p> <p>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>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>	