

### Curriculum Overview

<b>Year 8</b>	<b>Subject – Mathematics</b>	<b>Terms – Lent &amp; Trinity</b>
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<b>Topics covered</b>	<p>All the CE topics studied since Year 6 will be reviewed this term.  <a href="#">The official complete CE syllabus can be downloaded here.</a>          A short summary is given below.</p> <p><b>Number</b></p> <ul style="list-style-type: none"> <li>• Four operations with whole numbers, decimal numbers, proper and improper fractions, mixed numbers and negative numbers</li> <li>• Factors and multiples, prime factors. HCF &amp; LCM. Powers and roots</li> <li>• Order of operations (BIDMAS)</li> <li>• Rounding and significant figures</li> <li>• Standard form (Level 3 only)</li> <li>• Percentages and fractions including percentage increase calculations</li> <li>• Measures (length, mass, time, money, capacity)</li> <li>• Ratio, scale and speed problems</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>• Simplification, factorisation and expanding brackets</li> <li>• Substitution and rearranging formulae</li> <li>• Writing and solving equations</li> <li>• Create graphs of linear and quadratic (Level 3) equations</li> <li>• Simultaneous equations (algebraically and graphically) (Level 3)</li> <li>• Sequences (including nth term of an arithmetic sequence)</li> <li>• Solving linear inequalities and simple quadratic (Level 3) equations</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>• Perimeter and area of 2D shapes including circles.</li> <li>• Volume of prisms (Level 3)</li> <li>• Transformations</li> <li>• Angle laws, angles in parallel lines, angles in polygons</li> <li>• Pythagoras' theorem (Level 3)</li> <li>• Construction: triangles, perpendicular bisectors, perpendicular lines, angles bisectors</li> <li>• Bearings</li> </ul> <p><b>Additional topics</b></p> <ul style="list-style-type: none"> <li>• Probability of single and combined events</li> <li>• Grouped data (pie charts, bar charts, frequency tables, scatter graphs, conversion graphs)</li> </ul> <p>Pupils should use the WCCS Maths Anthology with worked examples to support their revision</p>
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For more information about mathematics contact Dominic Hudson or Michelle Moyles.

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### Curriculum Overview

Year 8	Subject – English	Terms – Lent & Trinity
<b>Topics covered</b>	<p><b>Class texts</b>  <i>Lord of the Flies</i> – William Golding  <i>Great Expectations</i> – Charles Dickens  <i>Hamlet</i> – William Shakespeare  <i>Decline and Fall</i> – Evelyn Waugh</p> <p><b>Comprehension (prose and poetry)</b>  Boys will be able to</p> <ul style="list-style-type: none"> <li>• find information or ideas</li> <li>• identify meaning beyond the literal</li> <li>• explain the writer’s choice of words (verbs, adjectives, adverbs) and imagery (similes, metaphors, personification)</li> <li>• write under timed conditions</li> <li>• identify all parts of speech and comment on their use</li> <li>• analyse the text as a whole</li> <li>• select short quotations and embed them correctly</li> </ul> <p><b>Composition</b>  Boys will be able to</p> <ul style="list-style-type: none"> <li>• describe characters</li> <li>• create a vivid and clear setting</li> <li>• base ideas on personal experience</li> <li>• use a wide range of literary devices (similes, metaphors, onomatopoeia) and a broad vocabulary</li> <li>• develop a simple plot with a short time frame</li> <li>• use a range of sentences and sentence lengths</li> <li>• be original in their response to a written or visual prompt</li> <li>• demonstrate their ability to correctly use a range of punctuation marks</li> </ul> <p><b>Essay writing</b>  Boys should</p> <ul style="list-style-type: none"> <li>• know the plot of <i>Lord of the Flies</i>, <i>Great Expectations</i>, <i>Hamlet</i> and/or <i>Decline and Fall</i> well, learn some specific quotations by heart and be able to discuss themes and characters</li> <li>• structure essays clearly and offer their own opinions</li> <li>• use a variety of punctuation marks correctly and spell words accurately</li> <li>• be able to answer a range of questions. (The questions will be broad in nature and will focus on what makes the texts enjoyable, on the characters in the text or on its themes)</li> </ul>	
<b>Lent assessments</b>	A Shakespeare comprehension assessment before half term.	

For more information about English contact Lucinda Higgin or Declan Amphlett.

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### Curriculum Overview

Year 8	Subject – Science	Terms – Lent & Trinity
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<b>Topics covered</b>	<p><b>Revision of CE 13+ syllabus</b></p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>• Cells and cell functions</li> <li>• Humans as organisms (nutrition, movement, reproduction, breathing, respiration, health)</li> <li>• Green plants as organisms (nutrition and growth, respiration)</li> <li>• Variation, classification and inheritance</li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>• Classifying materials (solids, liquids and gases; elements, compounds and mixtures)</li> <li>• Changing materials (physical changes, chemical reactions)</li> <li>• Patterns of behaviour (metals, acids and bases)</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>• Electricity and magnetism</li> <li>• Forces, motion and density</li> <li>• Light and sound</li> <li>• The earth and beyond</li> <li>• Energy resources and energy transfers</li> </ul>
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For more information about science contact Beth Marshall or Sarah Pope.

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### Curriculum Overview

<b>Year 8</b>	<b>Subject – French</b>	<b>Term – Lent &amp; Trinity</b>
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<b>Topics covered</b>	<p>Textbooks <i>WCCS Year Eight French Anthology</i>  <i>ISEB French 13+ Revision Guide</i>  <i>French Vocabulary for Key Stage 3 and Common Entrance</i></p> <p><b>Vocabulary</b></p> <ul style="list-style-type: none"> <li>• Free time activities</li> <li>• Eating out</li> <li>• Town/Region</li> <li>• Transport</li> <li>• Weather</li> <li>• Tourist information</li> <li>• Health</li> </ul> <p><b>Tenses</b></p> <ul style="list-style-type: none"> <li>• Conditional</li> <li>• All tense revision</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Prepositions</li> <li>• Numerals</li> </ul> <p><b>Non-examined topics</b></p> <ul style="list-style-type: none"> <li>• French Empire</li> <li>• Public transportation and infrastructure in modern France</li> </ul>
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For more information about French contact Anna Rippe.

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**Curriculum Overview / Revision Guide**

Year 8A	Subject – Classics	Term – Lent/Trinity
<b>Covered last term</b>	<i>Clarke's Latin</i> V.1-11	<ul style="list-style-type: none"> <li>• 5<sup>th</sup> declension nouns</li> <li>• Principal parts</li> <li>• Time &amp; place</li> <li>• Cardinal &amp; ordinal numbers</li> <li>• The passive voice</li> <li>• Instrument &amp; agent</li> <li>• Personal pronouns (<i>ego &amp; tu</i>)</li> <li>• Demonstrative pronouns (<i>hic &amp; ille</i>)</li> <li>• The intensive pronoun (<i>ipse</i>)</li> <li>• The definitive pronoun (<i>idem</i>)</li> <li>• Pronominal adjectives (<i>alius &amp; alter</i>)</li> </ul>
<b>To be covered this term</b>	<i>Clarke's Latin</i> V.12-17	<ul style="list-style-type: none"> <li>• The relative pronoun</li> <li>• Irregular verbs (<i>volo, nolo, eo &amp; fero</i>);</li> <li>• Level 3 exam technique for:               <ul style="list-style-type: none"> <li>○ Comprehensions</li> <li>○ Unseen translations</li> <li>○ Grammatical questions</li> <li>○ Greek mythology questions</li> </ul> </li> </ul>
<b>First half of the Trinity term</b>	<i>Variatio</i> II.17, 19, 25, 26 & 28	<ul style="list-style-type: none"> <li>• Revision of principal parts &amp; perfect participles</li> <li>• The present participle</li> <li>• The imperfect subjunctive</li> <li>• Final clauses</li> <li>• Indirect commands</li> </ul>

For more information about Classics, contact Ed Clarke.

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**Curriculum Overview / Revision Guide**

Year 8B	Subject – Classics	Term – Lent/Trinity
<b>Covered last term</b>	<i>Clarke's Latin</i> III.1-5	<ul style="list-style-type: none"> <li>● Revision of:               <ul style="list-style-type: none"> <li>○ 1st &amp; 2nd conjugation verbs, indicative &amp; imperative</li> <li>○ <i>sum</i> (the verb 'to be')</li> <li>○ 1st &amp; 2nd declension nouns &amp; adjectives</li> <li>○ Prepositions</li> <li>○ Continuous prose translation technique</li> </ul> </li> <li>● Perfect tense &amp; formation of the perfect stem</li> <li>● Irregular perfect stems</li> <li>● 3rd conjugation verbs</li> <li>●</li> </ul>
<b>To be covered this term</b>	<i>Clarke's Latin</i> III.6-9	<ul style="list-style-type: none"> <li>● 4th conjugation verbs</li> <li>● Mixed or '3½th' conjugation verbs</li> <li>● Infinitives (in isolation and used prolatively)</li> <li>● Personal pronouns (nom. &amp; acc. cases only)</li> <li>● The reflexive possessive pronoun</li> <li>● Cardinal numbers 1-10</li> </ul>
<b>First half of the Trinity term</b>	<i>Clarke's Latin</i> III.10-12	<ul style="list-style-type: none"> <li>● Level 1 exam technique for:               <ul style="list-style-type: none"> <li>○ Comprehensions</li> <li>○ Unseen translations</li> <li>○ Grammatical questions</li> <li>○ Greek mythology questions</li> </ul> </li> </ul>

For more information about Classics, contact Ed Clarke.

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**Curriculum Overview**

<b>Year 8</b>	<b>Subject – Religious Studies</b>	<b>Term – Lent &amp; Trinity</b>
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<b>Topics covered</b>	<p><b>Lent term</b></p> <p><b>Textbook – Section 3</b></p> <p><b>Preparing for section 3 of the Common Entrance paper, The Church and Sacraments</b></p> <p><b>Topic 1: Church and Life</b></p> <p><b>The Birth and Life of the Church</b></p> <ul style="list-style-type: none"> <li>• The Roman Church and the continental/English Reformation</li> <li>• The Pope and Church authority</li> <li>• Prayer: types and purpose</li> </ul> <p><b>The Liturgical Year and Devotion</b></p> <ul style="list-style-type: none"> <li>• Lent and the Stations of the Cross</li> <li>• Holy Week and Easter</li> </ul> <p><b>Topic 2: The Sacramental Life Community Life in the Church</b></p> <ul style="list-style-type: none"> <li>• Marriage and the family</li> <li>• Charity: work of Catholic charities and agencies</li> <li>• Laity: role in the community and in the parish</li> <li>• Issues of life and death: euthanasia and war</li> <li>• Attitudes to non-Christian world religions</li> </ul> <p><b>Trinity term</b></p> <p>Boys will revise everything covered in the Common Entrance syllabus ready for their exams.</p> <p>Boys will be expected to know all topics covered in Year 7. See online ISEB Religious Studies <a href="http://www.iseb.co.uk/Syllabus-CE-CASE-TPR-Catholic.pdf.aspx">Syllabus-CE-CASE-TPR-Catholic.pdf.aspx (iseb.co.uk)</a> for a full list of topics included in the Common Entrance exam</p>
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For more information about Religious Studies contact Emily Auger or Ivo MacGreevy.

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### Curriculum Overview

<b>Year 8</b>	<b>Subject – History</b>	<b>Term – Lent &amp; Trinity</b>
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<b>Topics covered</b>	<p><b>Textbook – Britain and Empire 1750-1914 (Bob Pace)</b></p> <ul style="list-style-type: none"> <li>● Crimean War</li> <li>● Queen Victoria and the Great Exhibition</li> <li>● Irish Home Rule</li> <li>● Victorian England</li> <li>● The British Empire</li> <li>● The Indian Mutiny</li> <li>● The Boer War</li> <li>● The road to war</li> </ul>
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For more information about history contact Ivo MacGreevy or Mimi Trevelyan-Davis.

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**Curriculum Overview**

<b>Year 8</b>	<b>Subject – Art</b>	<b>Term – Lent</b>
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<b>Topics covered</b>	<p><b>Lent term</b></p> <p><b>Art in the modern world</b></p> <ul style="list-style-type: none"> <li>• The Avant-Garde and the techniques of 20th century artists</li> <li>• The technique of observational drawing</li> <li>• How to capture the school</li> </ul> <p><b>Theatre design</b></p> <ul style="list-style-type: none"> <li>• Theatre design project – study the history of theatre design</li> <li>• Theatre design in the modern years – The art of the Ballet Russes</li> <li>• How to design a set design including the white card model technique</li> <li>• Create a set, props and a poster design for <i>Hamlet</i></li> </ul>
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**Curriculum Overview / Revision Guide**

<b>Year 8</b>	<b>Subject – Class Music</b>	<b>Term –Trinity</b>
<b>Topics covered</b>	<p><b>Year 8 Play – Performance in Practice</b>          Performed and directed by students          Music written by boys</p> <p><b>Performance</b>          Year 8 Play          Orchestra          Gallery Choir</p>	
<b>Trinity exam details</b>	Exam format	No exam
	Further revision required	n/a

For more information about music contact Josh Cleary.

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### Curriculum Overview

Year 8	Subject – Geography	Term – Lent & Trinity
<b>Topics covered</b>	<p><b>Earthquakes and volcanoes</b></p> <ul style="list-style-type: none"> <li>• What are the layers of the Earth and how are they different?</li> <li>• What is the theory of plate tectonics?</li> <li>• What are the different plate boundaries and how do they work?</li> <li>• Case study – the Haiti Earthquake: causes, effects and responses</li> <li>• Case study – the White Island volcanic eruption: causes, effects and responses</li> </ul> <p><b>Coursework</b></p> <ul style="list-style-type: none"> <li>• Isle of Arran / Tate Modern fieldtrips and projects</li> </ul> <p><b>Revision</b></p> <ul style="list-style-type: none"> <li>• Location knowledge</li> <li>• Map skills</li> <li>• Settlement and population (case study: London’s Olympic Park)</li> <li>• Weather and climate</li> <li>• Rivers and coasts (case study: flooding in Bangladesh)</li> <li>• Industry and transport (case studies: Halifax, Nike, Heathrow Airport)</li> <li>• Earthquakes and volcanoes (case studies: Haiti Earthquake and White Island Volcano)</li> </ul>	

For more information about geography contact Jon Jenkins.

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