

Curriculum Overview

Year 8	Subject – Mathematics	Terms – Lent & Trinity
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Topics covered	<p>All the CE topics studied since Year 6 will be reviewed this term. The official complete CE syllabus can be downloaded here. A short summary is given below.</p> <p>Number</p> <ul style="list-style-type: none"> • Four operations with whole numbers, decimal numbers, proper and improper fractions, mixed numbers and negative numbers • Factors and multiples, prime factors. HCF & LCM. Powers and roots • Order of operations (BIDMAS) • Rounding and significant figures • Standard form (Level 3 only) • Percentages and fractions including percentage increase calculations • Measures (length, mass, time, money, capacity) • Ratio, scale and speed problems <p>Algebra</p> <ul style="list-style-type: none"> • Simplification, factorisation and expanding brackets • Substitution and rearranging formulae • Writing and solving equations • Create graphs of linear and quadratic (Level 3) equations • Simultaneous equations (algebraically and graphically) (Level 3) • Sequences (including n^{th} term of an arithmetic sequence) • Solving linear inequalities and simple quadratic (Level 3) equations <p>Geometry</p> <ul style="list-style-type: none"> • Perimeter and area of 2D shapes including circles. • Volume of prisms (Level 3) • Transformations • Angle laws, angles in parallel lines, angles in polygons • Pythagoras' theorem (Level 3) • Construction: triangles, perpendicular bisectors, perpendicular lines, angles bisectors • Bearings <p>Additional topics</p> <ul style="list-style-type: none"> • Probability of single and combined events • Grouping data (pie charts, bar charts, frequency tables, scatter graphs, conversion graphs) <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 Delphine Riviere or Ivor Simpson.
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Curriculum Overview

Year 8	Subject – English	Terms – Lent & Trinity
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Topics covered	<p>Class texts and poetry <i>Hamlet</i> – William Shakespeare <i>The Woman in Black</i> – Susan Hill <i>The Convergence of the Twain</i> – Thomas Hardy <i>As Kingfishers Catch Fire</i> – Gerard Manley Hopkins, S.J. <i>Easter Wings</i> – George Herbert <i>Pieta</i> – R. S. Thomas <i>On his Blindness</i> – John Milton <i>Is this the region</i> – John Milton</p> <p>Comprehension Boys will be able to</p> <ul style="list-style-type: none"> • find information or ideas • identify meaning beyond the literal • explain the writer’s choice of words (verbs, adjectives, adverbs) and imagery (similes, metaphors, personification) • write under timed conditions • identify all parts of speech and comment on their use • analyse the text as a whole • select short quotations and embed them correctly <p>Composition Boys will be able to</p> <ul style="list-style-type: none"> • describe characters • create a vivid and clear setting • base ideas on personal experience • use a wide range of literary devices (similes, metaphors, onomatopoeia) and a broad vocabulary • develop a simple plot with a short time frame • use a range of sentences and sentence lengths • be original in their response to a written or visual prompt • demonstrate their ability to correctly use a range of punctuation marks <p>Essay writing Boys should</p> <ul style="list-style-type: none"> • know <i>Great Expectations</i>, <i>Decline and Fall</i>, <i>Hamlet</i> and/or <i>The Woman in Black</i> well and be able to refer to key events, comment on characters and provide some specific quotations • structure essays clearly and offer their own opinions • use a variety of punctuation marks correctly and spell words accurately • 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)
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For more information about English contact Lucinda Higgie or Ed Graham.
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Curriculum Overview

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

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Curriculum Overview

Year 8	Subject – French	Term – Lent & Trinity
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Topics covered	<p>Vocabulary – unlimited possibilities but focus within these topics</p> <ul style="list-style-type: none"> • Personal description, family, friends and pets • House, home, daily routine and chores • Life and work at school • Free time, holiday activities, meeting people • Visiting a café, restaurant • Simple health problems • Description of a town, shopping • Directions, tourist information • Weather, environment • Time, dates, numbers, prices <p>All of the vocabulary topics can be found in the blue French vocabulary book</p> <p>Grammar</p> <ul style="list-style-type: none"> • Present tense of regular and common irregular verbs • Future tense (aller + infinitive) • Question forms (qui, quand, pourquoi etc. + est-ce que) • Past tenses (perfect and / or imperfect) • Gender and plural of common nouns • Definite and indefinite articles • Agreement and position of adjectives • Common adverbs • Possessive articles (mon, ma, mes, son, sa, ses, leurs, nos etc.) • Common prepositions and conjunctions
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For more information about French contact George Hyde.

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Curriculum Overview

Year 8H	Subject – Classics	Term – Lent & Trinity
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Topics covered	<p>Text Book – <i>Latin for Common Entrance Three</i> by N.R.R. Oulton</p> <p>Grammar and syntax</p> <ul style="list-style-type: none"> • Irregular verbs: fero, nolo, volo • Pronouns: idem, alius, totus and ipse • Participles: present and perfect passive • Imperfect subjunctive active • Purpose clauses and indirect commands • Dum <p>Vocabulary</p> <ul style="list-style-type: none"> • All words Chapters 1-7 in textbook <p>Classical Civilisation</p> <ul style="list-style-type: none"> • The Trojan War • Odysseus • Hercules
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For more information about classics contact Matthew Wright.

Email mwright@choirschool.com

Curriculum Overview

Year 8S	Subject – Classics	Term – Lent & Trinity
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Topics covered	<p>Text Book – <i>Latin for Common Entrance Two</i> by N.R.R. Oulton</p> <p>Grammar and syntax</p> <ul style="list-style-type: none"> • Irregular verbs: possum, eo, noli • Reflexive pronouns and adjectives: se/suus • Connectives: nam, igitur, itaque & autem • Revision of all Level 1 and Level 2 language material <p>Vocabulary</p> <ul style="list-style-type: none"> • All words Chapters 1-10 in textbook <p>Classical Civilisation</p> <ul style="list-style-type: none"> • The Trojan War • Odysseus • Hercules
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For more information about classics contact Matthew Wright.

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Curriculum Overview

Year 8	Subject – Religious Studies	Term – Lent & Trinity
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Topics covered	<p>Community life in the church</p> <ul style="list-style-type: none"> • Marriage and the family • Charity • Laity: role in the community and in the parish • Issues of life and death: euthanasia and war • Attitude to other world religions <p>The liturgical year and devotion</p> <ul style="list-style-type: none"> • Advent and Christmas • Lent and the stations of the cross • Holy Week and Easter • Our Lady: the mysteries of the rosary • Pilgrimage • Eternal Life: heaven, hell and purgatory • The communion of saints <p>Boys then revise everything covered in the Common Entrance syllabus ready for their exams.</p> <p>Please see online ISEB Religious Studies Syllabus B for a full list of topics included in the CE exam</p>
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For more information about Religious Studies contact Emily Auger or Ivo MacGreevy.

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Curriculum Overview

Year 8	Subject – History	Term – Lent & Trinity
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Topics covered	<p>The Children of Henry VIII</p> <ul style="list-style-type: none"> • Edward VI • The restoration of Catholicism under Mary Tudor and Cardinal Pole • Elizabeth I • Mary, Queen of Scots • The Spanish Armada <p>The Stuarts</p> <ul style="list-style-type: none"> • James I, Catholics and Puritans, the Gunpowder Plot • Divine Right of Kings, Charles I • Execution of Archbishop Laud and Strafford • Plague and the Fire of London
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For more information about history contact Ivo MacGreevy or Matthew Hunt.

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Curriculum Overview

Year 8	Subject – Art	Term – Lent
Topics covered	<p>Lent</p> <p>Architecture</p> <ul style="list-style-type: none"> • How have buildings been depicted in art? Compare styles and techniques throughout history • Drawing buildings using perspective and proportion • Draw the school in a chosen style and colour using a favourite medium. <p>Theatre Design</p> <ul style="list-style-type: none"> • Theatre design project – study the history of theatre design and advertisements from the 20th century • Create props and a poster design for the school production • Set design and screen printing <p>Animation</p> <ul style="list-style-type: none"> • History of animation • What is stop motion animation? • Design story board, set and figures based on a moment in history • Filming and editing on the computer 	

For more information about art contact Emily Auger.

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Curriculum Overview / Revision Guide

Year 8	Subject – Class Music	Term –Trinity
Topics covered	<p>Theory</p> <ul style="list-style-type: none"> • Building complex drum patterns <p>Music history</p> <ul style="list-style-type: none"> • Dance music: from trombone to techno <p>Developing skills</p> <ul style="list-style-type: none"> • Working with loops & samples <p>Performance opportunity:</p> <ul style="list-style-type: none"> • Orchestra • Senior ensembles 	
Trinity exam details	Exam format	No exam
	Further revision required	n/a

For more information about music contact Nick Morrell

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Curriculum Overview

Year 8	Subject – Geography	Term – Lent & Trinity
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Topics covered	<p>Transport</p> <ul style="list-style-type: none"> • What is the value of transport routes? • What are the advantages and disadvantages of different modes of transport for people and goods? • Case study: what are the positive and negative impacts of building a third runway at Heathrow Airport? <p>Earthquakes and volcanoes</p> <ul style="list-style-type: none"> • What are the layers of the Earth and how are they different? • What is the theory of plate tectonics? • What are the different plate boundaries and how do they work? • Case study – the Haiti Earthquake: causes, effects and responses • Case study – the Eyjafjallajokul volcanic eruption: causes, effects and responses <p>Coursework</p> <ul style="list-style-type: none"> • Isle of Arran / Tate Modern fieldtrips and projects <p>Revision</p> <ul style="list-style-type: none"> • Location knowledge • Map skills • Settlement and population (case study: London’s Olympic Park) • Weather and climate • Rivers and coasts (case study: flooding in Bangladesh) • Industry and transport (case studies: Halifax, Nike, Heathrow Airport) • Earthquakes and volcanoes (case studies: Haiti Earthquake and Eyjafjallajokul Volcano)
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For more information about geography contact Jon Jenkins.

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