

Curriculum Overview

Year 8	Subject – Mathematics	Terms – Lent & Trinity
---------------	------------------------------	-----------------------------------

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.</p> <p>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 equations • Simultaneous equations (algebraically and graphically) • Sequences (including nth term of an arithmetic sequences) • Solving linear inequalities and simple quadratic equations (Level 3) <p>Geometry</p> <ul style="list-style-type: none"> • Perimeter and area of 2D shapes including circles. • Volume of prisms • Transformations • Angle laws, angles in parallel lines, angles in polygons • Pythagoras' theorem • Construction: triangles, perpendicular bisectors, perpendicular lines, angles bisectors • Isometric drawing <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>The mathematicians studied these terms will be Turing and Mandelbrot</p>
-----------------------	--

For more information about mathematics contact Delphine Riviere or Charles Cassidy.
Email driviere@choirschool.com or ccassidy@choirschool.com

Curriculum Overview

Year 8	Subject – English	Terms – Lent & Trinity
---------------	--------------------------	-----------------------------------

Topics covered	<p>Class texts and poetry <i>Hamlet</i>, William Shakespeare <i>The Woman in Black</i>, Susan Hill ‘The Convergence of the Twain’, Thomas Hardy ‘As kingfishers catch fire’, Gerard Manley Hopkins, S.J. ‘Easter Wings’, George Herbert ‘Pieta’, R. S. Thomas ‘On his blindness’, John Milton ‘Is this the region’, <i>Paradise Lost</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 etc) and imagery (similes, metaphors, personification etc) • 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 etc) 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)
-----------------------	--

For more information about English contact Lucinda Higgle or Ed Graham.
Email lhiggle@choirschool.com egramham@choirschool.com

Curriculum Overview

Year 8	Subject – Science	Terms – Lent & Trinity
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 	

For more information about science contact Beth Marshall or Claudia Bandini.

Email bmarshall@choirschool.com cbandini@choirschool.com

Curriculum Overview

Year 8	Subject – French	Term – Lent & Trinity
---------------	-------------------------	----------------------------------

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 and holiday activities <p>Other topics</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 tense (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 • Numbers • Dates and time
-----------------------	--

For more information about French contact George Hyde.

Email ghyde@choirschool.com

Curriculum Overview

Year 8K	Subject – Classics	Term – Lent & Trinity
----------------	---------------------------	----------------------------------

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 • The city of Rome & Roman entertainment
-----------------------	---

For more information about classics contact Matthew Wright.

Email mwright@choirschool.com

Curriculum Overview

Year 8H	Subject – Classics	Term – Lent & Trinity
----------------	---------------------------	----------------------------------

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 • The city of Rome & Roman entertainment
-----------------------	--

For more information about classics contact Matthew Wright.

Email mwright@choirschool.com

Curriculum Overview

Year 8	Subject – Religious Studies	Term – Lent & Trinity
---------------	------------------------------------	----------------------------------

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>
-----------------------	--

For more information about Religious Studies contact Chris Kellaway or Ivo MacGreevy.

Email ckellaway@choirschool.com

imacgreevy@choirschool.com

Curriculum Overview

Year 8	Subject – History	Term – Lent & Trinity
Topics covered	<p>The Children of Henry VIII</p> <ul style="list-style-type: none"> • Edward VI and the Book of Common Prayer • The restoration of Catholicism under Mary Tudor and Cardinal Pole • Elizabeth I • The Jesuit mission • 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 • The road to Civil War • Execution of Charles I • Cromwell, the Interregnum 	

For more information about history contact Ivo MacGreevy.

Email imagreevy@choirschool.com

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 – art exhibition piece <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.

Email eauger@choirschool.com

Curriculum Overview

Year 8	Subject – Geography	Term – Lent & Trinity
---------------	----------------------------	----------------------------------

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>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)
-----------------------	--

For more information about geography contact Jon Jenkins.

Email jjenkins@choirschool.com