

Curriculum Overview / Revision Guide

Year 8	Subject – Mathematics	Term – Michaelmas
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Topics covered	<p>Algebra</p> <ul style="list-style-type: none"> • Formulating equations (Chapter 6) • Graphical algebra (Chapter 14) • Prime factors (Chapters 1 & 4) • HCF and LCM (Chapter 1, p.11) • Trial and improvement (Chapter 7) • Simultaneous equations (Chapter 13) • Inequalities (Chapter 6, p.95) • Standard form (Chapter 4, p.63) <p>Please use mymaths.co.uk for helpful revision lessons and activities</p> <p>log-in: wccs / password: decimal</p>	
Christmas exam details	Exam format	<p>30 mins – mental maths 1 hour – calculator paper 1 hour – non-calculator paper</p>
	Further revision required	<p>All CE 13+ topics covered so far, including circles, angle laws, frequency tables, pie charts, significant figures, nth term of a sequence</p> <p>Please also learn all the formulae and facts on the <i>WCCS Maths Gold Card</i> which every Year 8 boy has in his yellow maths folder</p>

Please note that any topics that are not covered by the time of the exam will not be included in the exam. For more information about mathematics contact Delphine Riviere or Charles Cassidy.

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Year 8	Subject – English	Term – Michaelmas
Topics covered	<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 effect of a writer’s choice of words (verbs, adjectives, adverbs etc) and imagery (similes, metaphors, personification etc) • 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"> • create a vivid and clear setting • describe characters • base ideas on personal experience • use literary devices (similes, metaphors, onomatopoeia etc) and a broad vocabulary • develop a simple plot with a short time frame • use a range of sentence structures 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> and <i>Macbeth</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) 	
Christmas exam details	Exam format	<p>1 hour 15 minutes – prose comprehension and essay on studied literature</p> <p>1 hour 15 minutes – poetry comprehension and composition</p>
	Further revision required	There will be a 35 minute punctuation and grammar test and 35 minute comprehension/essay test in Week 5 to monitor progress

Please note that any topics that are not covered by the time of the exam will not be included in the exam. For more information about English contact Ed Graham or Lucinda Higgie.

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Year 8	Subject – Science	Term – Michaelmas
Topics covered	<p>Textbk: ISEB Biology (chaps 2,3, 5 and 7) ISEB Physics (chaps 7, 8, 9 and 11)</p> <p>CE 13+ biology: plant life, digestion, circulation and gas exchange Boys will learn:</p> <ul style="list-style-type: none"> • how to write the word equation for photosynthesis • about the carbon cycle, decomposition and nutrient cycling • the process of pollination and fertilisation in plants • the different methods of seed dispersal • the consequences of an unbalanced diet • how to determine the energy content of food • about the gas exchange surface during respiration • the difference between aerobic and anaerobic respiration • the effects of smoking on the circulatory system • breathing conditions, such as asthma <p>CE 13+ physics: light and sound, electricity and electromagnets Boys will learn:</p> <ul style="list-style-type: none"> • about the speed of light • how objects are reflected and refracted • how we are able to see • the relationship between light, energy and colour • about the ear, hearing and vibrations • about soundwaves, pitch and loudness • the inside of an electrical circuit • how to construct parallel circuits • problems with electrical circuits • that magnetism is a force • about magnetic poles • about problems caused by magnetic materials • the strength of an electromagnetic field • uses for electromagnets 	
Christmas exam details	Exam format	<p>40 mins written paper for each subject</p> <p>Multiple choice, short answers and longer answers that rely on both knowledge and understanding</p> <p>Calculators may be required</p>
	Further revision required	All CE 13+ topics covered so far

Please note that any topics that are not covered by the time of the exam will not be included in the exam. For more information about science please contact Beth Marshall

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Year 8	Subject – French	Term – Michaelmas
Topics covered	<p>Textbook - Tricolore Grammar Workbook III</p> <p>Vocab</p> <ul style="list-style-type: none"> • Language of the classroom • House, home, daily routine, chores • Life and work at school • Time, dates, numbers and prices <p>Tenses</p> <ul style="list-style-type: none"> • Present tense of regular and common irregular verbs • Future tense with aller + infinitive • Conditional: only 'je voudrais' or 'j'aimerais' • Perfect tense (passé compose) of both regular and irregular verbs including the list of verbs using parts of être as their auxiliary <p>Grammar</p> <ul style="list-style-type: none"> • Gender and plural of common nouns • Definite and indefinite articles • Agreement and position of adjectives • Common adverbs • Possessive articles (mon, ma, mes) • Common prepositions and conjunctions • Direct and indirect object pronouns 	
Christmas exam details	Exam format	<p>Speaking A role play with lines written in English to translate into French, performed with the examiner. 5 minutes preparation time with a dictionary, but no written notes. This is followed by two prepared topics where the candidate will speak for 30 seconds, uninterrupted, then answer questions for a further 90 seconds. The two topics will be family and school</p> <p>Listening Simple comprehension exercises including matching pictures to vocab items, choosing applicable statements from a list of options, filling in gaps, answering questions (not in full sentences)</p> <p>Reading Gap-filling exercises, multiple choice, matching vocab items to pictures, comprehension questions with answers in full sentences not required. Elimination techniques will be needed</p> <p>Writing Six sentences describing a picture followed by a longer passage covering 4 – 5 bullet points. A range of tenses, vocabulary and conjunctions must be used,. Marks are given for content, quality and accuracy</p>
	Further revision required	Boys need to know <i>avoir</i> and <i>etre</i> and basic vocabulary. Reading and listening comprehension subjects random.

For more information about French please contact George Hyde.

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Year 8K	Subject – Classics	Term – Michaelmas
Topics covered	<p>Textbook - <i>Latin for Common Entrance Three</i> by N.R.R. Oulton</p> <p>Curriculum</p> <ul style="list-style-type: none"> • Verbs: present, imperfect, future, perfect and pluperfect passive • Expressions of place • Relative pronoun: <i>qui, quae, quod</i> • Emphatic pronoun: <i>ipse, ipsa, ipsum</i> • Nouns: 5th Declension, <i>res</i> • Adjectives: 3rd Declension, three termination (e.g. <i>celer, acer</i>) <p>Vocabulary</p> <ul style="list-style-type: none"> • Chapters 1 – 4 of <i>Latin for Common Entrance Three</i> by N.R.R. Oulton <p>Classical Civilisation</p> <ul style="list-style-type: none"> • The Trojan War 	
Christmas exam details	Exam format	<p>1 hour</p> <p>Question 1 (15 marks): Candidates will be asked a series of questions to test comprehension of the first paragraph (45 words or so) of a passage</p> <p>Question 2 (30 marks): Candidates will be asked to translate into good English the second paragraph (about 50 words) of the passage</p> <p>Question 3 (20 marks): Candidates will be asked a series of grammar questions. They will also be asked to perform some simple manipulation of the language and some translation into Latin</p> <p>Question 4 (10 marks): This section will offer a choice of questions on non-linguistic studies, of which one must be answered</p>
	Further revision required	<p>Level 1 and Level 2 grammar and vocabulary.</p> <p>Greek mythology topics from Y7</p>

Please note that any topics that are not covered by the time of the exam will not be included in the exam. For more information about classics contact Matthew Wright.

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Year 8H	Subject – Classics	Term – Michaelmas
Topics covered	Textbook - <i>Latin for Common Entrance Two</i> by N.R.R. Oulton Curriculum <ul style="list-style-type: none"> • Nouns: 3rd declension • Verbs: Future tense, all conjugations and <i>sum</i> • Pronouns: <i>ego, tu, nos, vos; is, ea, id</i> • Verbs: Pluperfect tense • Numerals 1-20 • Adjectives: 3rd declension, <i>tristis, ingens</i> • <i>nonne/num; nemo/nihil</i> • Comparison of Adjectives: comparatives and superlatives • Adjectives: 3rd declension in <i>-er</i> and <i>-ilis</i> • Adjectives: irregular comparatives 	
Christmas exam details	Exam format	1 hour Question 1 (15 marks) – Boys will be asked a series of questions to test comprehension of the first paragraph (45 words or so) of a passage Question 2 (30 marks) – Boys will be asked to translate into good English the second paragraph (about 50 words) of the passage Question 3 (20 marks) – Boys will be asked a series of questions to test their knowledge of the grammar and their ability to give a simple English derivation based on the final paragraph (about 30 words) of the passage. They will also be asked to perform some simple manipulation of the language and some translation into Latin, using vocabulary provided Question 4 (10 marks) – This section will offer a choice of three questions on non-linguistic studies, based on the material covered in Michaelmas term (i.e. The Trojan War). Boys are to attempt one of these questions
	Further revision required	<ul style="list-style-type: none"> • All grammar and vocabulary for Common Entrance Level One • Greek mythology topics from Y7

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Year 8	Subject – Religious Studies	Term – Michaelmas
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Topics covered	<p>Section 2 of the Common Entrance Paper</p> <ul style="list-style-type: none"> • The sacraments <p>Section 3 of the Common Entrance Paper</p> <ul style="list-style-type: none"> • The birth and life of the Church • Community life in the Church • The liturgical year and devotion • Advent and Christmas 	
Christmas exam details	Exam format	<p>1 hour</p> <p>Section 1 – The Old Covenant Boys will choose one topic from a choice of four. Each question comprises four parts (a-d)</p> <p>Section 2 – Jesus Christ and the sacraments Boys will choose one topic from a choice of four. Each question comprises four parts (a-d)</p> <p>Section 3 – The Church Boys will answer three questions from a choice of five, worth 6 marks each (N.B. only topics covered will be included in the exam)</p>
	Further revision required	<p>Boys will be expected to know all topics covered in Year 7. Please see online ISEB Religious Studies Syllabus B for a full list of topics included in the CE exam</p> <p>For revision</p> <ul style="list-style-type: none"> • <i>The Old Covenant, The New Covenant and the Church</i> textbook • Bibles to ensure they know the key Bible stories

Please note that any topics that are not covered by the time of the exam will not be included in the exam. For more information about Religious Studies please contact Chris Kellaway or Ivo MacGreevy.

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Year 8	Subject – History	Term – Michaelmas
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Topics covered	<p>The Tudors</p> <ul style="list-style-type: none"> • Henry VII • Henry VIII • Sir Thomas More and Renaissance England • The Reformation Parliament and the Dissolution of the Monasteries <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 	
Christmas exam details	Exam format	<p>1 hour</p> <p>Section 1 – evidence question, divided into three time periods; choose one time period and answer the evidence question</p> <p>Section 2 – essay questions, answer one essay question</p>
	Further revision required	Boys will be expected to know all topics covered in Year 7. They should use their Year 7 exercise books and text books to revise these topics

Please note that any topics that are not covered by the time of the exam will not be included in the exam. For more information about history contact Ivo MacGreevy.

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Year 8	Subject – Geography	Term – Michaelmas
Topics covered	<p>Industry Theory</p> <ul style="list-style-type: none"> • How can economic activities (jobs) be classified? • What is an employment structure? • How do employment structures change with economic development? • What factors determine the location of economic activities? <p>Case study 1 – the textile industry in Halifax</p> <ul style="list-style-type: none"> • How did the industrial revolution allow the textile industry to develop in Halifax in the 19th century? • What advantages and disadvantages did the textile industry bring to Halifax? <p>Case study 2 – Nike and globalisation</p> <ul style="list-style-type: none"> • What is globalisation? • Where does Nike operate? • Why does Nike operate on a global scale? • What are working conditions like in Nike’s factories? • What advantages and disadvantages does Nike bring for the countries where it has factories? • How can economic development be made more sustainable? 	
Christmas exam details	Exam format	<p>1 hour</p> <p>Short-answer questions with some paragraph-long answers based on the case studies</p>
	Further revision required	<p>All previous Common Entrance topics</p> <ul style="list-style-type: none"> • Location knowledge • Map skills • Settlement and population • Weather and climate • Rivers and coasts

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Year 8	Subject – Music	Term – Michaelmas
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Topics covered	<p>History of music revision – listening and analysis</p> <ul style="list-style-type: none"> • Music form and structure • Early polyphony – Dufay, Taverner, Ockeghem, Josquin • High Renaissance – Victoria, Palestrina, Byrd, Tallis • Baroque – Monteverdi, Purcell • 18th Century – Handel, Bach, Mozart, Haydn • Beethoven • Late Romanticism and film music <p>History of music – early 20th Century, listening and analysis</p> <ul style="list-style-type: none"> • Impressionist (Debussy/Ravel) • Modernist (Stravinsky/Shostakovich) • Serialist (Schoenberg/Berg) • Traditional (Elgar/Parry) <p>Carol composition</p> <ul style="list-style-type: none"> • Words to rhythm • Melodic writing • Chords and counterpoint 	
Christmas exam details	Exam format	No exam
	Further revision required	None

For more information about class music contact Mark Kennedy.

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