

Common Entrance & Mocks Revision Guide

Year 8	Subject – Mathematics	Terms – all
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<p>Topics covered</p> <p>Download the official CE Mathematics syllabus here</p> <p>Please use: mymaths.co.uk for helpful revision lessons and activities</p> <p>login: <i>wccs</i> password: <i>decimal</i></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 (additional paper only), powers and roots • Order of operations (BIDMAS) • Rounding (Significant figures in additional paper only) • Standard form (Additional paper 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 • Creating graphs of linear and quadratic (additional paper only) equations • Simultaneous equations (algebraically and graphically) (additional paper only) • Sequences (including nth term of arithmetic sequences) • Linear inequalities & simple quadratic equations (additional paper only) <p>Geometry</p> <ul style="list-style-type: none"> • Perimeter and area of 2D shapes including circles • Volume of prisms (Additional paper only) • Transformations • Angle laws, angles in parallel lines, angles in polygons • Pythagoras' theorem (Additional paper only) <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>Some topics will be tested in the additional paper only.</p> <p>Please also use the WCCS Maths Gold Card to memorise useful formulae.</p>
<p>CE exam format</p>	<p><u>All boys:</u> Core Mathematics: Calculator Paper (1 hour) Core Mathematics: Non-calculator Paper (1 hour) Mental Arithmetic Test (10 minutes)</p> <p><u>Some boys:</u> Additional Mathematics: Calculator Paper (1 hour)</p>

For more information about mathematics contact Dominic Hudson or Sam Davies.

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Common Entrance & Mocks Revision Guide

Year 8	Subject – English	Terms – all
<p>Topics covered</p> <p>Class texts</p> <p><i>Lord of the Flies</i> by William Golding</p> <p><i>Hamlet</i> by William Shakespeare</p> <p><i>Decline and Fall</i> by Evelyn Waugh</p>	<p>Comprehension (poetry, prose and drama) Boys will be able to</p> <ul style="list-style-type: none"> • Select information by carefully reading a text • Infer meaning of phrases • Summarise ideas and meanings in their own words • Explain vocabulary in context • Explore the effects of language choices, including figurative language • Structure logical arguments in response to a discussion question on the text using point-evidence-explain • Write under timed conditions • Reflect on the text as a whole <p>Composition Boys will be able to</p> <ul style="list-style-type: none"> • Write in a full range of styles, including narrative, descriptive, informative, discursive and persuasive • Employ the appropriate form, for example: a story, a description, a news report, an information pamphlet, a speech, a letter of complaint or recommendation • Adopt a style and register appropriate to the task, using a range of expression and vocabulary • Make clear use of prompts and follow instructions • Plan their writing so that it is clearly structured, making use of paragraphs • Show command of accurate sentence grammar, spelling and punctuation 	
<p>CE exam format</p>	<p>Paper 1 – 70 minutes: comprehension on an unseen extract (either poetry, prose or drama) Paper 2 – 75 minutes: composition</p>	
<p>Lent assessments</p>	<p>A Shakespeare comprehension assessment before half term</p>	

For more information about English contact Declan Amphlett (Head of English).

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Common Entrance & Mocks Revision Guide

Year 8	Subject – Science	Terms – all
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Topics covered	<p>Biology</p> <ul style="list-style-type: none"> • The organisation of living organisms • Comparing plant and animal cells • Food nutrients • A healthy diet and recreational drugs and human health • Breathing in humans and respiration • Reproduction in humans • Photosynthesis and reproduction in flowering plants • The interdependence of organisms in an ecosystem • Classification and variation of living organisms <p>Chemistry</p> <ul style="list-style-type: none"> • States of matter – the particle model • Atoms, elements, compounds and molecules • Pure substances • Mixtures (including solutions) and separating mixtures • Combustion – chemical reactions • Fuels and production of carbon dioxide • Oxidation of metals • Thermal decomposition reactions • Acids and alkalis. Neutralisation reactions <p>Physics</p> <ul style="list-style-type: none"> • Energy resources and energy transfers; conservation of energy • Speed and movement • Measuring and the effects of forces • Pressure • Density • Sound • Light • Circuits and currents • Magnetic fields and electromagnets • Space
CE exam format	<p>Three separate papers (one for each subject) each 40 minutes long</p> <p>Answer all questions</p> <p>Multiple choice questions to start, then short answer questions (both tend to rely on factual recall) then longer answer questions – reliant on both knowledge and understanding</p> <p>Calculators required. Protractors required for the physics paper</p>

For more information about science contact Sarah Pope or Joseph Deery.

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Common Entrance & Mocks Revision Guide

Year 8	Subject – French	Terms – all
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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 – regular, common irregular and common reflexive. • Future tense (aller + infinitive and simple future) • Conditional tense (je voudrais and j’aimerais) • Past tenses (perfect and / or imperfect) • Infinitives after certain verbs • Question forms (qui, quand, pourquoi etc. + est-ce que) • Idiomatic expressions • Gender and plural of common nouns • Definite and indefinite articles • Agreement and position of adjectives • Comparatives, demonstratives and superlatives • Common adverbs • Possessive articles (mon, ma, mes, son, sa, ses, leurs, nos etc.) • Common prepositions and conjunctions • Infinitives after <i>il faut</i> • Negative expressions • Pronouns (subject, reflexive, relative, disjunctive) • Prepositions and conjunctions • Numerals
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<p>CE exam format</p>	<p>Reading and writing are contained in the same paper – 1 hour</p> <p>Part 1 – reading (25%) Instructions will be given in French. There will be 25 questions on a number of short passages (arranged in five sections). There will be several exercises of differing lengths e.g. gap-filling, multiple-choice, matching headlines to texts, matching pictures to descriptions, matching two halves of a sentence, matching people and opinions, choosing a number of correct answers from a list. There will be one comprehension section with questions and answers in English.</p> <p>Part 2 – writing (25%) Instructions will be given in the target language. There will be two written exercises.</p> <p>Question 1 (10 marks) This question will require candidates to translate five sentences worth two marks each. Nouns and their gender will be given, as well as the infinitive of verbs and the masculine singular of adjectives. The verbs <i>avoir</i> and <i>être</i> will not be given and candidates will be expected to insert other words as necessary. The passé composé and imperfect will not be required in this section.</p> <p>Question 2 (15 marks) This question will require 80-120 words of continuous writing in the form of an email based on a list of bullet points in French. Boys will be expected to demonstrate the full range of their knowledge of the linguistic features contained in the syllabus. Marks will be awarded for content (how much is written) accuracy (how many mistakes) and quality of language (different tenses, range of structures etc).</p> <p>Speaking & listening</p> <p>Part 3 – speaking (25%) Before the test, the examiner will give the candidate a card and he will have time to prepare. A French-English dictionary is allowed during this preparation time and the candidate will be given lined paper and a pen/pencil.</p> <p>During the preparation time, candidates will be able to write notes for Parts 1 and 2 only: these notes can be used in the test. The notes must be on the lined paper and not on the role-play card and they will be collected after the test.</p> <p>Role play (9 marks) This will last 1-2 minutes and will be for 9 marks: the examiner will mark out of 6 for the completion of the task and 3 for the quality of the language.</p> <p>Candidates will be given a role-play card that asks them to carry out six tasks in French. This card will have instructions in English. There will be one unpredictable task.</p>
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Text-based Task (8 marks)

This will last about 2-3 minutes. This task will be based on the topics in ‘*Theme A: Socialising*’.

Boys will be asked to respond to five questions in French, basing their responses on some written information in English that has been given to them. They may respond with just the information given, but in order to access top marks, opinions and/or additional information must be given.

Open conversation (8 marks)

This is an open, spontaneous and unprepared discussion for around 2-3 minutes of any/all of the topics from the list in ‘*Theme A: Socialising*’, which should not overlap with the topic used in the text-based task. Examiners are encouraged to enable candidates to demonstrate a range of vocabulary and grammar and to develop their responses, to show their fluency and knowledge of the language (including passé composé, as well as the present and near future tenses for the highest mark).

Part 4 – listening (25%)

Instructions will be given in French. There will be 25 questions on a number of short passages (usually arranged in five or six sections). There will be several exercises of differing length, covering a range of different things to listen for, e.g. gap-filling, multiple choice, matching headlines to texts, matching pictures to descriptions, matching two halves of a sentence, matching questions and answers, matching people and opinions, choosing a number of correct answers from a list, answering questions in French. The final comprehension section will have questions and answers in English.

For more information about French contact Anna Rippe.

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Curriculum Overview / Revision Guide

Year 8A	Subject – Classics	Term – Lent/Trinity
Covered last term	<i>Nova Latina Book 2</i> by RC Bass Chapters 39 - 53	<ul style="list-style-type: none"> • <i>ceteri</i> and <i>-que</i> • 3rd Declension Nouns • The Future Tense • <i>is, ea, id</i> • The Pluperfect Tense • 3rd Declension Adjectives • Comparison of Adjective • <i>possum</i> • <i>nonne</i> and <i>num</i> • Prohibitions • Cardinal Numbers • Personal Pronouns • Reflexive Pronouns
To be covered this term	<i>Nova Latin Book 3</i> by RC Bass Chapters 54 - 64 Level 2 Revision ‘Latin for CE Two’ by N.R.R. Oulton	<ul style="list-style-type: none"> • Passive Verbs in the Present, Imperfect, Future, Perfect & Pluperfect Tenses • <i>hic & ille</i> • 5th Declension Nouns • The verb ‘eo’ • <i>volo & nolo</i> • Time expressions • <i>fero</i> • Relative Pronouns • <i>ipse & idem</i> • Indirect Statements
First half of the Trinity term		<ul style="list-style-type: none"> • CE Levels Two and Three Exam Technique and Revision
CE exam details	Format	60 minutes – a CE Level 2 or 3 paper (depending on how much material covered in Lent), consisting of a comprehension, an unseen translation, a set of grammatical questions & four English sentences for composition into Latin.
	Revision	All materials from the chapters of <i>Nova Latina</i> Chapters 1-64 covered; vocabulary and grammar tables may also be readily found in the <i>Reference Section</i> of these books.

For more information about Classics, contact Alice Blaney.

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Curriculum Overview / Revision Guide

Year 8B	Subject – Classics	Term – Lent/Trinity
Covered last term	<i>Nova Latina Book 1</i> by RC Bass Chapters 1 -28	<ul style="list-style-type: none"> • Revision of: <ul style="list-style-type: none"> ○ 1st and 2nd Conjugation Verbs in the Present, Imperfect and Future Tenses ○ 1st and 2nd Declension Nouns ○ The six cases ○ Conjunctions, adverbs, subordination, prepositions and interrogatives • Present tense of 3rd and 4th Conjugation Verbs • ‘sum’ • Infinitives • Adjectives •
To be covered this term	<i>Nova Latina Book 1</i> by RC Bass Chapters 29 -38	<ul style="list-style-type: none"> • The Perfect Tense • The Mixed Conjugation • Imperatives • Adjectives in -er • Interrogatives • Compound Verbs • Personal Pronouns • Reflexive Possessive Pronouns • Numerals
First half of the Trinity term		<ul style="list-style-type: none"> • Level 1 exam technique for: <ul style="list-style-type: none"> ○ Comprehensions ○ Unseen translations ○ Grammatical questions ○ English into Latin sentences
CE exam details	Format	60 minutes – a CE Level 1 paper, consisting of a comprehension, an unseen translation, a set of grammatical questions and four English sentences for composition into Latin.
	Revision	All materials from the chapters of <i>Nova Latina</i> Chapters 1-38 covered; vocabulary and grammar tables may also be readily found at in the <i>Reference Section</i> of this book.

For more information about Classics, contact Alice Blaney.

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Common Entrance & Mocks Revision Guide

Year 8	Subject – Religious Studies	Terms – all
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Topics covered	<p>Section 1 of the Common Entrance Paper</p> <ul style="list-style-type: none"> • God’s relationship with the world (the nature of God and revelation; God’s relationship with creation; God’s commands and call to worship; the miraculous; the divine nature and mission of Jesus; Jesus’ fulfilment of Old Testament hope; and God’s plans of salvation) • Human responses to God (human nature; human responses to God and His commands; human responses to creation; requirements of discipleship and responding to God; different types of vocation; the nature of belief, faith and commitment; and consequences of faith and disobedience) <p>Section 3F of the Common Entrance Paper</p> <ul style="list-style-type: none"> • God and the world • The Trinity • Beliefs and teachings relating to Jesus Christ • Sacraments • Different forms of worship • Prayer and life of the Church • Pilgrimage • Festivals and the Liturgical Year 	
Exam details	Exam format	<p>The exam is an hour long. Boys will choose two sets of questions; one set of questions from Section 1 (Theology) and one from Section 3F (Roman Catholic Christianity). The paper is out of 40 marks.</p> <p>Section 1 – Theology Boys choose one section of questions out of a choice of four. There are three questions in each section (a-c).</p> <p>Section 3F – Roman Catholic Christianity Boys choose one section of questions out of a choice of four. There are three questions in each section (a-c).</p>
	Further revision required	<p>Boys will be expected to know all topics covered in Year 7.</p> <p>Please see online ISEB Religious Studies TPR CE Syllabus for a full list of topics included in the exam</p> <p>For revision</p> <ul style="list-style-type: none"> • <i>The Old Covenant, The New Covenant and the Church</i> • Anthologies • Class notes • Bibles to ensure they know the key Bible stories

<p>Section 1, Theology</p> <p>Set texts</p>	<p>Set texts</p> <p>Creation: Genesis 1:1 – 2:4 The call of Moses: Exodus 3:1-17 Passover: Exodus 12: 1-13 Crossing the Sea: Exodus 14: 10-31 Elijah: at Zarephath: 1 Kings 17:8-24 Elijah at Carmel: 1 Kings 18:19-39 The Paralysed Man: Mark 2: 1-12 The Calming of the Storm: Mark 4: 35-41 The Feeding of the Five Thousand: Mark 6:30-44 The Transfiguration: Mark 9: 2-13 The Crucifixion: Mark 15: 22-39 The Resurrection: John 20: 24-29 Adam and Eve (Creation and the Fall): Genesis 2:4 – 3:24 Cain and Abel: Genesis 4: 1-16 Abraham: Genesis 22: 1-19 David: David and Bathsheba: 2 Samuel 11: 1-17; 12: 1-14 The Call of the Disciples: Luke 5: 1-11 The Good Samaritan: Luke 10:25-37 The Lost Son: Luke 15: 11-32 Zacchaeus: Luke 19: 1-10 The Centurion: Matthew 8:5-13 The Rich Young Man: Mark 10: 17-27</p>
<p>Section 3F, Roman Catholic Christianity</p> <p>Key concepts</p>	<p>WCCS RS Anthologies The Bible</p> <p>Key concepts: (All questions – you must have definition & example)</p> <ul style="list-style-type: none"> • Evangelism • Sacraments • Omnipotent • Omnibenevolent • Trinity • Incarnation • Atonement • Resurrection • Liturgical Worship • Informal Worship • Individual Worship • The nature and importance of prayer, Sacraments, Eucharist, Celebrations: Christmas & Easter, Pilgrimage

For more information about Religious Studies please contact Nick Morrell (8R), Emily Auger (8H) or Michelle Moyles (Head of RS)

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Common Entrance & Mocks Revision Guide

Year 8	Subject – History	Terms – all
Topics covered	<p>Year 7 – Medieval realms</p> <ul style="list-style-type: none"> • Battle of Hastings • <i>William I</i> • <i>Henry II and Thomas Becket</i> • Eleanor of Aquitaine • The Crusades • Richard I • King John and Magna Carta • Edward I, Edward II, Edward III • <i>Battle of Bannockburn</i> • Medieval medicine and Black Death • Development of Castles • Monasteries and Nunneries • Peasants Revolt • Battle of Agincourt • Richard III • <i>Battle of Bosworth</i> <p>Year 8 – Britain and Empire</p> <ul style="list-style-type: none"> • French Revolution • Napoleonic Wars • Abolition of slavery • Suffragette movement • Robert Peel • <i>Chartism</i> • Crimean War • Important women of the 19th century • The Indian Mutiny • <i>Development of Railways</i> 	
CE exam format	<p>1 hour</p> <p>Section 1 – three questions based on two unseen sources.</p> <p>Section 2 – essay question made up of three parts. Topics in <i>italics</i> are possible exam questions. Other content will be covered in lessons but not examined.</p>	

For more information about history contact Ivo MacGreevy or Tom Auger.

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Common Entrance & Mocks Revision Guide

Year 8	Subject – Geography	Terms – all
Topics covered	<p>All 8 topics should be revised.</p> <ul style="list-style-type: none"> • Tectonics (earthquakes and volcanoes) • Location Knowledge • Map skills • Demography (settlement and population) • Meteorology (weather and climate) • Geomorphology (rivers and coasts) • Economy (industry and transport) • Environment (sustainability and stewardship) <p>All boys will be provided with an ISEB revision guide.</p>	
CE exam format	<p>1 hour</p> <p>The exam is worth 80%; the coursework 20%.</p> <p>There are no options or choices – all questions are answered</p>	

For more information about geography contact Jon Jenkins.

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