

Common Entrance & Mocks Revision Guide

Year 8	Subject – Mathematics	Terms – all
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Topics covered Download the official CE Mathematics syllabus here	<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) • Solving linear inequalities and 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. Please use mymaths.co.uk for helpful revision lessons and activities (Login: <i>mcs</i> / password: <i>decimal</i>).</p> <p>Please also use the WCCS Maths Gold Card to memorise useful formulae.</p>
CE exam format	<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"> • 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>Persuasive writing Boys should</p> <ul style="list-style-type: none"> • be able to tailor their writing to different purposes and audiences • know the conventions of writing letters, speeches and newspaper articles • structure their writing clearly and offer their own opinions • use a variety of punctuation marks correctly and spell words accurately 	
<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 and persuasive writing</p>	
<p>Lent assessments</p>	<p>A Shakespeare comprehension assessment before half term</p>	

For more information about English contact Lucinda Higgie (8H) or Declan Amphlett (8R).

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Common Entrance & Mocks Revision Guide

Year 8	Subject – Science	Terms – all
Topics covered	<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 	
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 Beth Marshall or Sarah Pope.

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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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CE exam format**Reading and writing are contained in the same paper – 1 hour****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.

Part 2 – writing (25%)

Instructions will be given in the target language. There will be two written exercises.

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 *avoir* and *être* 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.

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).

Speaking & listening**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.

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.

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.

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.

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>Clarke's Latin</i> V.1-11	<ul style="list-style-type: none"> • 5th declension nouns • Principal parts • Time & place • Cardinal & ordinal numbers • The passive voice • Instrument & agent • Personal pronouns (<i>ego & tu</i>) • Demonstrative pronouns (<i>hic & ille</i>) • The intensive pronoun (<i>ipse</i>) • The definitive pronoun (<i>idem</i>) • Pronominal adjectives (<i>alius & alter</i>)
To be covered this term	<i>Clarke's Latin</i> V.12-17	<ul style="list-style-type: none"> • The relative pronoun • Irregular verbs (<i>volo, nolo, eo & fero</i>) • Level 3 exam technique for: <ul style="list-style-type: none"> ○ Comprehensions ○ Unseen translations ○ Grammatical questions ○ Greek mythology questions
First half of the Trinity term	<i>Variatio</i> II.17, 19, 25, 26 & 28	<ul style="list-style-type: none"> • Revision of principal parts & perfect participles; • The present participle • The imperfect subjunctive • Final clauses • Indirect commands
CE exam details	Format	60 minutes – a CE Level 3 paper, consisting of a comprehension, an unseen translation, a set of grammatical questions and a set of Greek mythology questions
	Revision	<p>All materials from the chapters of <i>Clarke's Latin</i> V and <i>Variatio</i> II covered; vocabulary and grammar tables may also be readily found in the A5 <i>Vocabulary Lists & Outline of Accidence</i> book.</p> <p>Note also the need to know all the materials contained within the Greek mythology booklet – the Medusa, the Minotaur, Hercules' Labours (1, 2, 11 & 12 only), Jason and the Argonauts, The Iliad and The Odyssey. The first half of this was set for the Christmas holidays and the second is expected to be completed over the Easter holidays</p>

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>Clarke's Latin</i> III.1-5	<ul style="list-style-type: none"> • Revision of: <ul style="list-style-type: none"> ○ 1st & 2nd conjugation verbs, indicative & imperative ○ <i>sum</i> (the verb 'to be') ○ 1st & 2nd declension nouns & adjectives ○ Prepositions ○ Continuous prose translation technique • Perfect tense & formation of the perfect stem • Irregular perfect stems • 3rd conjugation verbs
To be covered this term	<i>Clarke's Latin</i> III.6-9	<ul style="list-style-type: none"> • 4th conjugation verbs • Mixed or '3½th' conjugation verbs • Infinitives (in isolation and used prolatively) • Personal pronouns (nom. & acc. cases only) • The reflexive possessive pronoun • Cardinal numbers 1-10
First half of the Trinity term	<i>Clarke's Latin</i> III.10-12	<ul style="list-style-type: none"> • Level 1 exam technique for: <ul style="list-style-type: none"> ○ Comprehensions ○ Unseen translations ○ Grammatical questions ○ Greek mythology questions
CE exam details	Format	60 minutes – a CE Level 1 paper, consisting of a comprehension, an unseen translation, a set of grammatical questions and a set of Greek mythology questions
	Revision	<p>All materials from the chapters of <i>Clarke's Latin</i> V and <i>Variatio</i> II covered; vocabulary and grammar tables may also be readily found in the A5 <i>Vocabulary Lists & Outline of Accidence</i> book.</p> <p>Note also the need to know all the materials contained within the Greek mythology booklet – the Medusa, the Minotaur, Hercules' Labours (1, 2, 11 & 12 only), Jason and the Argonauts, The Iliad and The Odyssey. The first half of this was set for the Christmas holidays and the second is expected to be completed over the Easter holidays</p>

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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<p>Topics covered</p> <p>Theology, philosophy and religion, Roman Catholicism syllabus</p>	<p>SECTION 1: THE OLD COVENANT</p> <p>Topic 1: God and the World Creation</p> <ul style="list-style-type: none"> • Genesis 1:1- 2:1-25 • The purpose of creation • Science and creation today • Humans as created in God’s image • Stewardship <p>The Fall and Human Nature</p> <ul style="list-style-type: none"> • Adam and Eve: Genesis 3:1-24 • Cain and Abel: Genesis 4:1-16 • Jonah: Jonah 3-4 • The effects of the Fall on men and women • Human nature: obedience, sin and evil • Suffering, repentance and forgiveness <p>Topic 2: Living the Covenant</p> <p>The Decalogue</p> <ul style="list-style-type: none"> • The Ten Commandments: Exodus 20:1-17 • David: 2 Samuel 11:1-17 • Application of the decalogue • The meaning of covenant <p>Abraham</p> <ul style="list-style-type: none"> • The call of Abraham: Genesis 12:1-9 • Abraham and Isaac: Genesis 17:15-22 • The near sacrifice of Isaac: Genesis 22:1-18 • Abraham’s relationship with God • Abraham’s character and example • The nature of vocation <p>Moses</p> <ul style="list-style-type: none"> • The call of Moses: Exodus 3:1-17 • The Passover: Exodus 12:1-20 • Crossing the sea: Exodus 14:10-31 • Moses’ character and example • The nature of faith • The Exodus as a symbol of liberation
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Topics covered	<p>SECTION 2: JESUS CHRIST AND THE KINGDOM OF GOD</p> <p>Topic 1: The Example of Christ</p> <p>The Person of Jesus</p> <ul style="list-style-type: none"> • The Incarnation and Birth of Christ: Matthew 1:18-24 • Jesus’ baptism and temptations: Matthew 3:13 - 4:11 • Jesus’ healing ministry: Mark 2:1-12 • Jesus’ work with outcasts: John 8:1-11 • Jesus’ teaching on: forgiveness, love and reconciliation • The Trinity: Matthew 28:16-20 <p>Discipleship</p> <ul style="list-style-type: none"> • The call of the disciples: Matthew 4:18-22 • The identity of the disciples: Matthew 10:1-4 • The call and commissioning of Peter: Matthew 16:13-23 • The qualities of being a disciple: Matthew 16:24-28 • Discipleship today: the life and teaching of Oscar Romero <p>Topic 2: The Kingdom of God</p> <p>Miracles and Parables</p> <ul style="list-style-type: none"> • Why Jesus taught using parables • The sower and the seed: Mark 4:1-20 • The talents: Matthew 25:14-30 • The lost son: Luke 15:11-32 • The good Samaritan: Luke 10:25-37 • Why Jesus performed miracles • The feeding of the five thousand: Mark 6:30-44 <p>The Passion</p> <ul style="list-style-type: none"> • Anointing at Bethany: Mark 14:3-9 • Last Supper: Mark 14:12-31 • Gethsemane: Mark 14:14:32-42 • Arrest and Peter’s denial: Mark 14:43-72 • Pilate’s trial: Mark 15:1-15 • Crucifixion: Mark 15:16-41 • Burial: Mark 15:42-47
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	<p>The Resurrection</p> <ul style="list-style-type: none"> • The empty tomb: John 20:1-10 • Mary Magdalene: John 20:11-18 • The other disciples and Thomas: John 20:19-29
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<p>Topics covered</p>	<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"> • 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
<p>CE exam format</p>	<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> <hr/> <p>Boys will be expected to know all topics covered in Year 7. Please see online ISEB Religious Studies RS CE Syllabus 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

For more information about Religious Studies please contact Nick Morrell (8H) or Ivo MacGreevy (8P).

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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"> • Norman Conquest: claimants, events of 1066 and the Battle of Hastings • William I and methods of control • William II • <i>Henry II and Thomas Becket</i> • <i>The 1st Crusade</i> • Richard I and the 3rd Crusade • King John and Magna Carta • Edward I, Edward II, Edward III • Medieval medicine and Black Death • Peasants Revolt • The Hundred Years War • Henry V and the Battle of Agincourt <p>Year 8 – Britain and Empire</p> <ul style="list-style-type: none"> • French Revolution • Dissent and calls for political reform • Abolition of slavery • <i>Suffragette movement</i> • <i>Crimean War</i> • Queen Victoria and the Great Exhibition • Irish Home Rule • Victorian England • The British Empire • The Indian Mutiny • The Boer War • The road to war 	
CE exam format	<p>1 hour</p> <p>Section 1 – evidence question This section is divided into three time periods. Boys choose one time period and answer the evidence question (20 marks). Source topics to revise are shown in italics above.</p> <p>Section 2 – essay questions Boys choose one essay question from a choice of ten titles (30 marks).</p>	

For more information about history contact Ivo MacGreevy or Mimi Trevelyan-Davis.

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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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