

Common Entrance & Mocks Revision Guide

Year 8	Subject – Mathematics	Terms – all
<p>Topics covered</p> <p>Download the official CE Mathematics syllabus here</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 • Creating graphs of linear and quadratic (Level 3) equations • Simultaneous equations (algebraically and graphically) (Level 3) • Sequences (including nth term of 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 (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>Some topics will be tested at Level 3 only. Please use mymaths.co.uk for helpful revision lessons and activities (Login: <i>wccs</i> / password: <i>decimal</i>), and the WCCS Maths Anthology for worked examples</p> <p>Please also learn all the formulae and facts on the WCCS Maths Gold Card which Year 8 pupils have in their yellow maths folder.</p>	
<p>CE exam format</p>	<p>There are three elements to 13+ CE mathematics</p> <ol style="list-style-type: none"> 1. 1 hour (non-calculator written paper) 2. 1 hour (calculator written paper) 3. 30 minutes mental maths test <p>Boys need a ruler, protractor, compass and calculator for the calc paper</p>	

For more information about mathematics contact Delphine Riviere or Dominic Hudson.

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Common Entrance & Mocks Revision Guide

Year 8	Subject – English	Terms – all
Topics covered	<p>Comprehension (prose and poetry) 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>Lord of the Flies</i>, <i>Hamlet</i> and/or <i>Decline and Fall</i> well and be able to refer to key events, themes, 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) • 	
CE exam format	<p>Paper 1: 1 hour 15 minutes – prose comprehension and essay on studied literature</p> <p>Paper 2: 1 hour 15 minutes – poetry comprehension and composition</p>	

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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
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"> • Future tense (aller + infinitive and simple future) • 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 • Infinitives after <i>il faut</i> • Negative expressions • Pronouns (subject, reflexive, relative, disjunctive) • Numerals 	
CE exam format	<p>Reading and writing are contained in the same paper – 1 hour</p> <p>Part I – reading (25%)</p> <p>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>	

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%)

The role play section will be marked out of 9 (1 mark for each step of the conversation and up to 3 more for quality of language); prepared topics will be worth up to 8 marks each. Boys must speak for roughly 30 seconds uninterrupted on two of their prepared topics before being asked questions for approximately 1 min 30 seconds more.

Role play (9 marks)

Boys will be given one half of a conversation with the lines in English. They will have roughly ten minutes to familiarise themselves with their lines and check any words they don't know in a dictionary. They will not be able to write anything down. They must give their part after the teacher says his part so that it flows like a real conversation.

Prepared topics (8 marks)

Boys will choose one of the four topics prepared in class as their chosen presentation. The teacher will then choose the second topic from the remaining three. Therefore candidates must have answers to all four learnt. The questions which follow the 30-second uninterrupted presentation will be the exact questions that candidates have prepared in class. So, if they are learnt, there should be few surprises on the day. Marks are given for use of different tenses, readiness of responses and the variety of language.

Open conversation (8 marks)

This is an open, spontaneous and unprepared discussion of any/all of the topics listed in Level 1, which should not overlap with the prepared topic. 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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Common Entrance & Mocks Revision Guide

Year 8A	Subject – Classics	Terms – all
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Topics covered	<p>Text Book – <i>Latin for Common Entrance Three</i> by N.R.R. Oulton</p> <p>Content overview All grammar and vocabulary material covered in Levels One, Two and Three</p> <p>Grammar and syntax (Level 3)</p> <ul style="list-style-type: none"> • Verbs: present, imperfect, future, perfect and pluperfect passive • Expressions of place; expressions of time • Relative pronouns: qui, quae, quod • Emphatic pronoun: ipse, ipsa, ipsum • Nouns: 5th Declension, res • Adjectives: 3rd Declension, three termination (celer, acer) • 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>Grammar and syntax (Level 2)</p> <ul style="list-style-type: none"> • Nouns: 3rd Declension • Verbs: future tense, all conjugations • Verbs: pluperfect tense, all conjugations • Irregular verbs: sum, possum, eo, noli in all tenses • Pronouns: ego, tu, nos, vos; is, ea, id • Pronouns: hic and ille • Adjectives: 3rd declension, tristis, ingens, and in –er and –ilis • Comparison of adjectives: comparatives and superlatives, with irregulars • Direct questions: nonne and num • Nemo/nihil • Reflexive pronouns and adjectives: se/suus • Connectives: nam, igitur, itaque & autem • Numerals 1-20
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Topics covered	<p>Grammar and syntax (Level 1)</p> <ul style="list-style-type: none"> • Nouns: 1st declension: puella in all cases • Nouns: 2nd declension masculine and neuter: dominus, bellum, puer, magister, deus, vir, filius • Verbs: 1st, 2nd, 3rd, 4th and mixed conjugations, in present, imperfect and perfect tenses • Verbs: principal parts and present infinitive • Present tense and imperfect tenses of sum • Adjectives: bonus-type, miser type, pulcher-type • Prepositions which take the accusative and ablative <p>Vocabulary</p> <ul style="list-style-type: none"> • All words chapters 1-7 in Latin for Common Entrance Three textbook • All Level One and Two words (list in revision pack already provided) <p>Classical Civilisation Perseus, Theseus, Jason, The Trojan War, Odysseus, Hercules</p>
CE exam format	<p>1 hour</p> <p>Question 1 (15 marks): comprehension questions based on a short passage (30 words or so)</p> <p>Question 2 (30 marks): translation of a passage from Latin to English (about 40 words)</p> <p>Question 3 (20 marks): grammar, manipulation of Latin, and translation of English to Latin of short sentences, using vocabulary provided</p> <p>Question 4 (10 marks): a selection of classical civilisation questions, of which candidates are to attempt one</p>

For more information about Classics contact Matthew Wright.

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Common Entrance & Mocks Revision Guide

Year 8W	Subject – Classics	Terms – all
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Topics covered	<p>Text Book – <i>Latin for Common Entrance Two</i> by N.R.R. Oulton</p> <p>Content overview All grammar and vocabulary material covered in Levels One and Two</p> <p>Grammar and syntax (Level 2)</p> <ul style="list-style-type: none"> • Nouns: 3rd Declension • Verbs: future tense, all conjugations • Verbs: pluperfect tense, all conjugations • Irregular verbs: sum, possum, eo, noli in all tenses • Pronouns: ego, tu, nos, vos; is, ea, id • Pronouns: hic and ille • Adjectives: 3rd declension, tristis, ingens, and in –er and –ilis • Comparison of adjectives: comparatives and superlatives, with irregulars • Direct questions: nonne and num • Nemo/nihil • Reflexive pronouns and adjectives: se/suus • Connectives: nam, igitur, itaque & autem • Numerals 1-20 <p>Grammar and syntax (Level 1)</p> <ul style="list-style-type: none"> • Nouns: 1st declension: puella in all cases • Nouns: 2nd declension masculine and neuter: dominus, bellum, puer, magister, deus, vir, filius • Verbs: 1st, 2nd, 3rd, 4th and mixed conjugations, in present, imperfect and perfect tenses • Verbs: principal parts and present infinitive • Present tense and imperfect tenses of sum • Adjectives: bonus-type, miser type, pulcher-type • Prepositions which take the accusative and ablative <p>Vocabulary All words Chapters 1-10 in textbook All Level One words (listed in revision pack already provided)</p> <p>Classical Civilisation Perseus, Theseus, Jason, The Trojan War, Odysseus, Hercules</p>
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CE exam format	1 hour Question 1 (15 marks): comprehension questions based on a short passage (30 words or so) Question 2 (30 marks): translation of a passage from Latin to English (about 40 words) Question 3 (20 marks): grammar, manipulation of Latin, and translation of English to Latin of short sentences, using vocabulary provided Question 4 (10 marks): a selection of classical civilisation questions, of which candidates are to attempt one
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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 I: 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 <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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Topics covered	<p>SECTION 3: THE CHURCH AND SACRAMENTS</p> <p>Topic 1: Church and Life</p> <p>The Birth and Life of the Church</p> <ul style="list-style-type: none"> • Pentecost and the birth of the Church • St Paul and his mission • The Roman Church and the continental/English Reformation • The Pope and Church authority • Prayer: types and purpose • <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>Topic 2: The Sacramental Life</p> <p>Community Life in the Church</p> <ul style="list-style-type: none"> • Marriage and the family • Charity: work of Catholic charities and agencies • Laity: role in the community and in the parish • Issues of life and death: euthanasia and war • Attitudes to non-Christian world religions <p>Sacraments</p> <ul style="list-style-type: none"> • Grace and meaning of sacrament • Baptism and Confirmation • Reconciliation • Mass/Eucharist • Holy Orders: bishops, priests, deacons and religious orders
CE exam format	<p>1 hour</p> <p>Candidates answer one question from any two sections. As the examination is 60 minutes long this gives candidates 30 minutes to plan and write carefully considered answers where grammar, spelling and punctuation are important.</p> <p>Section 1 – The Old Covenant If boys choose this section they should choose one question from a choice of four. Each question comprises three parts (a-c)</p> <p>Section 2 – Jesus Christ and the Kingdom of God If boys choose this section they should choose one question from a choice of four. Each question comprises three parts (a-c)</p>

	<p>Section 3 – The Church and Sacraments</p> <p>If boys choose this section they should choose one question from a choice of four. Each question comprises three parts (a-c)</p> <p>Boys will be expected to know all topics covered in Year 7. See online ISEB Religious Studies Theology, Philosophy and Religion (TPR) Roman Catholicism syllabus for a full list of topics included in the Common Entrance exam</p>
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For more information about Religious Studies contact Emily Auger or Ivo MacGreevy.

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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 and William I • Battle of Hastings and methods of control • William II • Henry II and Thomas Becket • The 1st and 3rd Crusade • Richard I • King John and Magna Carta • Henry III, Edward I, Edward II, Edward III • Medieval medicine and Black Death • Richard II and the Peasants Revolt, • Henry IV • The Hundred Years War • Henry V • Richard III <p>Year 8 – Britain and Empire</p> <ul style="list-style-type: none"> • The Seven Years’ War • American independence • French Revolution • Dissent and calls for political reform • Agricultural and industrial revolution • Social and industrial reforms • Public health • Abolition of slavery • Victorian England • The British Empire • 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).</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.

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Common Entrance & Mocks Revision Guide

Year 8	Subject – Geography	Terms – all
Topics covered	<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 White Island volcano) <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%; coursework 20%. If there is no fieldtrip, and therefore no coursework project, the exam will be worth 100%.</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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