

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 • 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>Some topics will be tested at level 3 only. Please use mymaths.co.uk for helpful revision lessons and activities. In Year 8, the pupils work at level 7.</p> <p>Login: <i>wccs</i> password: <i>decimal</i></p> <p>Please also learn all the formulae and facts on the WCCS Maths Gold Card which every Year 8 pupil has 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 Charles Cassidy.

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Common Entrance & Mocks Revision Guide

Year 8	Subject – English	Terms – all
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 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, Decline and Fall, 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) 	
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>	

For more information about English contact Lucinda Higgle or Ed Graham.

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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 Claudia Bandini.

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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 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 	
CE exam format	<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 (usually arranged in five or six 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 questions and answers, matching people and opinions, choosing a number of correct answers from a list, answering questions in French. 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>Speaking & listening</p> <p>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 1min 30 seconds more.</p>	

CE exam format	<p>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.</p> <p>Question 1 (8 marks) This question will require the writing of five simple sentences in French, each based on a visual or written stimulus. Boys should write five to ten words on each stimulus. Marks will be awarded for content, accuracy and quality of language.</p> <p>Question 2 (17 marks) This question will require 80 –130 words of continuous writing in the form of a letter 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>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 familiarize themselves with their lines and check any words they don't know in a dictionary. They will not be able to write anything down however. They must give their part after the teacher says his part so that it flows like a real conversation.</p> <p>Prepared topics (16 marks) Boys will choose which of the three topics they have prepared will be their first choice. The teacher will then choose the second topic from the remaining two. Therefore candidates must have all three learnt. The questions which come after the 30-second uninterrupted speech will be the exact questions that candidates have been using to prepare their speech. So, if they are learnt, there should be nothing to surprise on the day. Marks are given for use of different tenses, readiness of responses and variety of language.</p>
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For more information about French contact George Hyde.

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Common Entrance & Mocks Revision Guide

Year 8M	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 (vocabulary pack to be 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 8H	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 (revision pack will be 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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Topics covered	<p>ISEB Religious Studies Syllabus B</p> <p>Section I: the old covenant</p> <p>Creation</p> <ul style="list-style-type: none"> • Catechism 51 and 66 • Genesis 1:1- 2:1-25 • The purpose of creation • Humans as created in God’s image • Stewardship • Modern views of the origins of the universe <p>Human nature: the fall</p> <ul style="list-style-type: none"> • Catechism 75 • Genesis 3:1-24; 4:1-16 • The effects of the Fall on men and women • Human nature: obedience, sin and evil <p>Faith: Abraham</p> <ul style="list-style-type: none"> • Catechism 28 • Abraham’s relationship with God • Abraham’s character and example • The call of Abraham: Genesis 12:1-9 • Abraham and Isaac: Genesis 17:15-22 • The near sacrifice of Isaac: Genesis 22:1-18 <p>Vocation: Moses</p> <ul style="list-style-type: none"> • Catechism 8 • Moses’s character and example • The call of Moses: Exodus 3:1-17 • The Passover: Exodus 12:1-20 • The Exodus as a symbol of liberation <p>Living the covenant</p> <ul style="list-style-type: none"> • Catechism 436 • The ten commandments: Exodus 20:1-17 • David: 2 Samuel 11:1-17 • Application of the Decalogue today
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Topics covered	<p>Section 2: Jesus Christ and the sacraments</p> <p>The person of Jesus</p> <ul style="list-style-type: none"> • Catechism 85 • The incarnation and birth of Christ: Matthew 1:18-24 • Jesus's baptism and temptations: Matthew 3:13 - 4:11 • Jesus's healing ministry: Mark 2:1-12 • Jesus's work with outcasts: John 8:1-11 • The Trinity: Matthew 28:16-20 <p>Discipleship</p> <ul style="list-style-type: none"> • Catechism 109 • 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: Oscar Romero, Jean Vanier <p>The kingdom of God</p> <ul style="list-style-type: none"> • Catechism 107 • The kingdom of God as the transformation of this world • Jesus' teaching on: forgiveness, love and reconciliation • 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 and its meaning</p> <ul style="list-style-type: none"> • Catechism 112 • 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 and its meaning</p> <ul style="list-style-type: none"> • Catechism 131 • The empty tomb: John 20:1-10 • Mary Magdalene: John 20:11-18 • The other disciples and Thomas: John 20:19-29 <p>The Sacraments</p> <ul style="list-style-type: none"> • Catechism 224 • Grace and the seven sacraments • The meaning of baptism, reconciliation, Mass/Eucharist
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Topics covered	<p>Section 3: the church</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 • Holy orders: bishops, priests, deacons and religious orders • Prayer: types and purpose <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 devotions</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
CE exam format	<p>1 hour</p> <p>Section 1 – the old covenant Boys 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 choose one topic from a choice of four. Each question comprises four parts (a-d)</p> <p>Section 3 – the church This section is divided into three parts. Boys answer one question from a choice of four for each part</p>

For more information about Religious Studies contact Chris Kellaway 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> <p>Normans</p> <ul style="list-style-type: none"> • William the Conqueror, William’s sons, Henry II and Thomas Becket <p>Angevins</p> <ul style="list-style-type: none"> • Becket, Richard I, Third Crusade, John <p>Plantagenets</p> <ul style="list-style-type: none"> • Henry III, Edward I, Edward II, Edward III • Medieval medicine, Black Death <p>Lancastrians</p> <ul style="list-style-type: none"> • Richard II and the Peasants Revolt, Henry IV <p>The Hundred Years War</p> <ul style="list-style-type: none"> • Henry V, Joan of Arc, the Yorkists and the Wars of the Roses, Edward IV, Edward V, Richard III <p>Year 8 – the making of the United Kingdom</p> <p>Tudors</p> <ul style="list-style-type: none"> • Battle of Bosworth • Henry VII, Henry VIII, Sir Thomas More, Renaissance England • The Reformation Parliament and the Dissolution of the Monasteries • The children of Henry VIII – Edward VI, the Book of Common Prayer • The restoration of Catholicism under Mary Tudor and Cardinal Pole Elizabeth I, Mary, Queen of Scots, the Spanish Armada <p>Stuarts</p> <ul style="list-style-type: none"> • Life in the 16th century • 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 	
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. The evidence question will be on either Black Death (1348-1350) or Richard III</p> <p>Section 2 – essay questions Boys choose one essay question</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 Eyjafjallajokul volcano) <p>All boys have been provided with an ISEB revision guide.</p>	
CE exam format	<p>1 hour</p> <p>Exam is worth 80%; 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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