

**Curriculum Overview / Revision Guide**

<b>Year 5</b>	<b>Subject – Mathematics</b>	<b>Term – Michaelmas</b>
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<b>Topics covered</b>	<ul style="list-style-type: none"> <li>• Place value (Chapter 3)</li> <li>• Factors (Chapter 6)</li> <li>• Number properties (Chapter 7)</li> <li>• Decimals, fractions and percentages (Chapter 16)</li> <li>• Percentages of quantities (Chapter 19)</li> <li>• Angle laws (Chapter 8), including angles in a triangle, vertically opposite angles, exterior and interior angles of polygons</li> <li>• Translation (Chapter 11)</li> <li>• Rotation</li> <li>• Area and perimeter of squares, rectangles and triangles, including scalene triangles (Chapter 22)</li> <li>• 3D shapes, nets, volume and surface area (Chapter 23)</li> <li>• Review time: elapsed time, 12 and 24-hour clocks (Chapter 25)</li> <li>• Times tables 2 to 12</li> </ul> <p>Please use <a href="http://mymaths.co.uk">mymaths.co.uk</a> for helpful revision lessons and activities</p> <p>log-in: wccs / password: decimal</p>	
<b>Christmas exam details</b>	Exam format	1 hour – written exam with mixed questions on all topics
	Further revision required	Pupils should be confident with the topics taught in Year 4, particularly the four operations

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 Dominic Hudson.

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### Curriculum Overview / Revision Guide

<b>Year 5</b>	<b>Subject – English</b>	<b>Term – Michaelmas</b>
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<b>Topics covered</b>	<p><b>Comprehension</b> Boys will learn to</p> <ul style="list-style-type: none"> <li>• find information or ideas</li> <li>• identify meaning beyond the literal</li> <li>• explain the effect of a writer’s choice of words (verbs, adjectives, adverbs etc) and imagery (similes, metaphors, personification etc)</li> <li>• analyse the text as a whole</li> <li>• select short quotations and embed them correctly</li> </ul> <p><b>Composition</b> Boys will learn to</p> <ul style="list-style-type: none"> <li>• create a vivid and clear setting</li> <li>• describe characters</li> <li>• base ideas on personal experience</li> <li>• use literary devices (similes, metaphors, onomatopoeia etc) and a broad vocabulary</li> <li>• develop a simple plot with a short time frame</li> <li>• use a range of sentence structures and sentence lengths</li> </ul> <p><b>Punctuation</b> Full stops, capitals letters, question marks, exclamation marks, direct speech, apostrophes, semi-colons and colons</p> <p><b>Grammar</b> Nouns, verbs, adjectives, adverbs, pronouns and simple sentences, compound sentences and complex sentences</p> <p>There will be a 35-minute punctuation and grammar test and 35-minute comprehension test in Week 5 to monitor progress</p>	
<b>Christmas exam details</b>	Exam format	2 papers  1 hour – prose comprehension 1 hour – punctuation, grammar and composition
	Further revision required	None

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 Mimi Trevelyan-Davis (5S) or Lucinda Higgie (5P).

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### Curriculum Overview / Revision Guide

Year 5	Subject – Science	Term – Michaelmas
<b>Topics covered</b>	<p><b>Biology</b></p> <p><b>Life cycles</b> Boys will learn:</p> <ul style="list-style-type: none"> <li>• that different living things reproduce in different ways; some cells split, some join together</li> <li>• the life cycles of plants</li> <li>• sexual and asexual reproduction methods of plants</li> <li>• the life cycles of certain animals, including birds</li> <li>• the process metamorphosis, relating to frogs and butterflies</li> <li>• the human life cycles</li> </ul> <p><b>Breathing</b> Boys will learn:</p> <ul style="list-style-type: none"> <li>• the structure of the lungs</li> <li>• the gas exchange process</li> <li>• the effect of smoking on the lungs</li> </ul> <p><b>Physics</b></p> <p><b>Forces</b> Boys will learn:</p> <ul style="list-style-type: none"> <li>• about different types of forces, including magnetic and gravitational</li> <li>• how friction is created, and the pros and cons of it</li> <li>• the effect of both air and water resistance</li> <li>• elastic as an adjective to describe forces</li> <li>• how reaction forces work</li> <li>• that water exerts a support force, called an upthrust</li> <li>• how forces help us to get things done through levers, pulleys and gears</li> <li>• how to record the impact of a force through diagrams</li> </ul>	
<b>Christmas exam details</b>	Exam format	1 hour – written exam with short answer questions and some longer responses
	Further revision required	None

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 contact Sarah Pope.

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### Curriculum Overview / Revision Guide

<b>Year 5</b>	<b>Subject – French</b>	<b>Term – Michaelmas</b>
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<b>Topics covered</b>	<p><b>Vocabulary</b></p> <ul style="list-style-type: none"> <li>• Personal description</li> <li>• Weather and seasons</li> <li>• Sports and activities</li> <li>• Town, giving directions</li> <li>• Transport</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Irregular verbs: avoir and être</li> <li>• Regular –er verbs</li> <li>• Verb: aller</li> <li>• Verb: faire</li> <li>• Adjectives</li> <li>• N'est-ce pas?</li> </ul>	
<b>Christmas exam details</b>	Exam format	<p>35 mins</p> <ul style="list-style-type: none"> <li>• Reading (gap-filling / multiple choice / matching pictures to descriptions)</li> <li>• Writing (short sentences), conjugating verbs</li> </ul>
	Further revision required	Boys must know the gender of nouns as well as their meaning.

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 French contact Anna Rippe.

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**Curriculum Overview / Revision Guide**

Year 5	Subject – Classics	Term – Michaelmas
<b>Topics covered</b>	<p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• The present tense of amo and verbs which go like amo (including the persons, e.g. 1st person singular = I)</li> <li>• Expressing the negative - non</li> <li>• Conjunctions</li> <li>• The singular nominative case and singular accusative case endings</li> <li>• The role of these two cases</li> <li>• Latin word order</li> <li>• Vocabulary learnt from sections 1 &amp; 2 of course book</li> </ul> <p><b>Classical Civilisation</b></p> <ul style="list-style-type: none"> <li>• Aeneas and the founding of Rome</li> <li>• Romulus and Remus</li> <li>• Horatius</li> <li>• Mucius Scaevola</li> </ul> <p>There will be regular vocabulary tests in class throughout the term.</p>	
<b>Christmas exam details</b>	Exam format	<p>45 minutes</p> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Vocabulary questions</li> <li>• Grammar questions on verbs and nouns in the nominative and accusative cases</li> <li>• Latin sentences to translate into English</li> <li>• English sentences to translate into Latin</li> </ul> <p><b>Classical Civilisation</b></p> <p>A piece of written work giving an account of one of the early Roman history topics covered this term</p>
	Further revision required	None

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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### Curriculum Overview / Revision Guide

<b>Year 5</b>	<b>Subject – Religious Studies</b>	<b>Term – Michaelmas</b>
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<b>Topics covered</b>	<p><b>The Church</b></p> <ul style="list-style-type: none"> <li>• The birth of the Church – Acts 2:1-47</li> <li>• The Structure of the Church</li> <li>• The identity and symbols of the Church</li> </ul> <p><b>Life in the Church</b></p> <ul style="list-style-type: none"> <li>• The Ten commandments and their application today</li> <li>• The greatest commandment – Luke 10: 25-37</li> <li>• Virtues – cardinal and theological virtues</li> <li>• The Beatitudes and the Sermon on the Mount – Matthew 5: 1-12</li> </ul> <p><b>Community Life in the Church and devotion</b></p> <ul style="list-style-type: none"> <li>• Living according to the Beatitudes</li> <li>• The Communion of Saints – modern saints</li> <li>• The common good</li> <li>• Charity</li> <li>• Saint Teresa of Calcutta</li> </ul> <p><b>The Liturgical Year</b></p> <ul style="list-style-type: none"> <li>• The Church’s liturgy</li> <li>• The liturgical colours</li> <li>• Advent</li> <li>• Christmas traditions in the Church</li> </ul> <p>There will be regular tests throughout the term to check understanding.</p>	
<b>Christmas exam details</b>	Exam format	<p>45 minutes</p> <p><b>Section 1</b> – definition of key terms</p> <p><b>Sections 2 &amp; 3</b> – boys will be asked to answer both short and long comprehension questions and some opinion-based questions. Boys will also be asked to describe some stories from the New Testament in their own words</p>
	Further revision required	Reading the Children’s Bible, knowing the key terms and reading the Year 5 Anthology

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 Emily Auger or Ivo MacGreevy.

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**Curriculum Overview / Revision Guide**

<b>Year 5</b>	<b>Subject – History</b>	<b>Term – Michaelmas</b>
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<b>Topics covered</b>	<b>World War I</b> <ul style="list-style-type: none"> <li>• The causes of the war</li> <li>• Assassination in Sarajevo</li> <li>• The Schlieffen Plan</li> <li>• The Somme and the trenches</li> <li>• Gallipoli</li> <li>• Weapons of World War I</li> <li>• The roles of the USA and Ottoman Empire in the war</li> </ul>	
<b>Christmas exam details</b>	Exam format	1 hour Section A – multiple choice Section B – short answer questions Section C – source questions
	Further revision required	None

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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**Curriculum Overview / Revision Guide**

Year 5	Subject – Art	Term – Michaelmas
<b>Topics covered</b>	<p><b>Christmas card project</b></p> <ul style="list-style-type: none"> <li>• Design a Christmas card inspired by Renaissance sacred art</li> </ul> <p><b>Illustration</b></p> <ul style="list-style-type: none"> <li>• History of illustration</li> <li>• Illustrations from the 19th century – Gustav Moreau, Odilon Redon and Gustav Klimt</li> <li>• Pre-Raphaelite illustrations – Edward Burne-Jones and William Morris</li> <li>• Design and draw illustrations for Prince Caspian inspired by William Blakes’ drawings for The Tyger and Pauline Baynes’ drawings for the Chronicles of Narnia</li> <li>• Printing and drawing with inks</li> </ul> <p><b>Revolutionary Art</b></p> <ul style="list-style-type: none"> <li>• Art of the Ottoman empire – Iznik pottery.</li> <li>• Clay and glazing technique and how to use the kiln – design a decorative thumb pot.</li> <li>• Neoclassicism and Romanticism – J M W Turner</li> <li>• Drawing in two – point perspective and watercolour painting technique</li> <li>• Napoleonic ship building – origami technique</li> </ul>	
<b>Christmas exam details</b>	Exam format	<p>1 hour</p> <p>Section 1 – written questions on illustration and revolutionary art. Boys will be asked to describe a selection of paintings in their own words</p> <p>Section 2 – practical piece involving watercolour paints and drawing inks</p>
	Further revision required	None

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 art contact Emily Auger.

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**Curriculum Overview / Revision Guide**

<b>Year 5</b>	<b>Subject – Class Music</b>	<b>Term – Michaelmas</b>
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<b>Topics covered</b>	<p><b>20th Century and Contemporary Music</b></p> <p><i>The Classical tradition today</i></p> <p><b>History and Theory</b></p> <ul style="list-style-type: none"> <li>• Classical music since 1900, with a look at major movements including maximalism, serialism, minimalism and musique concrete</li> <li>• Composing a minimalist piece</li> <li>• Grade 2 theory, including complex time signatures and leger lines</li> </ul> <p><b>Singing</b></p> <ul style="list-style-type: none"> <li>• <i>Friday Afternoons</i> (Britten)</li> <li>• <i>Come Away Death</i> (Finzi)</li> <li>• Vocal music by Poulenc, Barber, Prokofiev, Ligeti</li> </ul> <p><b>Listening</b></p> <ul style="list-style-type: none"> <li>• <i>It's Gonna Rain</i> (Reich)</li> <li>• <i>War Requiem</i> (Britten)</li> <li>• <i>4' 33"</i> (Cage)</li> <li>• <i>Five Orchestral Pieces</i> (Schoenberg)</li> <li>• <i>The Rite of Spring</i> (Stravinsky)</li> <li>• <i>Music for Strings, Percussion and Celeste</i> (Bartok)</li> </ul> <p><b>Performance</b></p> <ul style="list-style-type: none"> <li>• Junior choir</li> <li>• Junior ensembles</li> <li>• One recital class per term</li> </ul>	
<b>Christmas exam details</b>	Exam format	No exam
	Further revision required	None

For more information about class music contact Josh Cleary.

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### Curriculum Overview / Revision Guide

<b>Year 5</b>	<b>Subject – ICT</b>	<b>Term – Michaelmas</b>
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<b>Topics covered</b>	<p><b>General</b></p> <ul style="list-style-type: none"> <li>• Internet Safety</li> <li>• WCCS ICT Policy</li> <li>• How to turn on/off the computer</li> <li>• How to log in/off the computer</li> <li>• Log-in details</li> <li>• Personal drive in the school network</li> </ul> <p><b>MS Word</b></p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Project ‘All About Me’</li> <li>• Touch typing</li> <li>• Editing</li> </ul> <p><b>MS PowerPoint</b></p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Project ‘All About Me’ continuation</li> <li>• Animations</li> <li>• Presenting work to others</li> </ul> <p><b>MS Excel</b></p> <ul style="list-style-type: none"> <li>• Basic maths operations: addition, subtraction, multiplication, division</li> <li>• Averages</li> <li>• Charts</li> </ul> <p><b>Internet</b></p> <ul style="list-style-type: none"> <li>• Online safety</li> <li>• Internet browsers</li> <li>• Keywords and images from Google</li> </ul>	
<b>Christmas exam details</b>	Exam format	No exam
	Further revision required	None

For more information about ICT contact Ivor Simpson.

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