



**Key Stage 5**

**Year 13 Curriculum Overview**

Dear Parents,

Welcome to our curriculum overview for Year 13 (Key Stage 5). In this document you will find listed the subjects taught and the content covered during your child's Year 13 education. The content listed is just an overview and gives you a flavour of the range of topics covered. Obviously, there is a lot more planning that goes into our curriculum and lessons.

I hope you find this document useful.

Kind regards,

Stephen Phipps

Vice Principal

Curriculum Map						
Year 13						
Subject: A2 Biology						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2

<b>Topic</b>	-Energy and respiration -Photosynthesis	-Homeostasis -Control and coordination	-Inheritance -Selection and evolution	-Classification, biodiversity and conservation -Genetic technology	-Cambridge Exams	-Cambridge Exams
<b>Number of lessons</b>	30	30	30	30	N/A	N/A
<b>Assessment How will students be assessed?</b>	-Topic tests -Half term test	-Topic tests -End of term test	-Topic tests -Practical -Half term test -Mock exams	-Topic tests -Practical -End of Term test -Mock exams	-N/A	-N/A
<b>Key Resources</b>	-Exam style questions	-Exam style questions	-Exam style questions	-Exam style questions	-N/A	-N/A

**Skills taught:** Scientific phenomena, facts, laws, definitions, concepts and theories • Scientific vocabulary, terminology and conventions (including symbols, quantities and units) • Scientific instruments and apparatus, including techniques of operation and aspects of safety • Scientific and technological applications with their social, economic and environmental implications • Locate, select, organise and present information from a variety of sources • Translate information from one form to another • Manipulate numerical and other data • Use information to identify patterns, report trends and draw inferences • Present reasoned explanations for phenomena, patterns and relationships • Make predictions and hypotheses • Solve problems, including some of a quantitative nature • Demonstrate knowledge of how to safely use techniques, apparatus and materials (including following a sequence of instructions where appropriate) • Plan experiments and investigations • Make and record observations, measurements and estimates • Interpret and evaluate experimental observations and data • Evaluate methods and suggest possible improvements.

### Curriculum Map

Year 13

**Subject: A LEVEL Business Studies**

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p><b>Topic</b></p> <p><b>Unit 1</b> <b>Business and its environment</b> <b>(Chapters 6-9)</b></p> <p><b>Unit 2</b> <b>People in Organisation</b> <b>(Chapters 10-15)</b></p> <p><b>Unit 3</b> <b>Marketing</b> <b>(Chapters 20-21)</b></p> <p><b>Unit 4</b> <b>Operations and project management</b> <b>(Chapters 22-27)</b></p> <p><b>Unit 5</b> <b>Finance and Accounting</b> <b>(Chapters 32-36)</b></p> <p><b>Unit 6</b> <b>Strategic Management</b> <b>(Chapters 37-41)</b></p>	<p>6. Business structure</p> <p>7. Size of Business</p> <p>8. External influences on business activity</p> <p>9. External economic influences on a behaviour</p> <p>End of Unit 1 Assessment</p> <p>10. Management and Leadership</p> <p>11. Motivation</p> <p>12. Human Resource Management</p> <p>13. Further HRM</p> <p>14. Organisational Structure</p> <p>15. Business Communications</p> <p>End of Unit 2 Assessment</p>	<p>20. Marketing planning</p> <p>21. Globalisation and International Marketing</p> <p>End of Unit 3 Assessment</p> <p>22. Nature of operations</p> <p>23. Operations Planning</p> <p>24. Inventory management</p> <p>25. Capacity Utilisation</p> <p>26. Lean Production and quality management</p>	<p>27. Project Management</p> <p>End of Unit 4 Assessment</p> <p>Mock Exam revision</p> <p>32. Costs</p> <p>33. Budgets</p> <p>34. Contents of published accounts</p> <p>35. Analysis of published accounts</p> <p>36. Investment Appraisal</p> <p>End of Unit 5 Assessment</p>	<p>37: What is strategic Management</p> <p>38: Strategic analysis</p> <p>39: Strategic choice</p> <p>40: Strategic Management</p> <p>End of Unit 6 Assessment</p>	<p>41. Preparation for the final exam</p>	

<b>Number of lessons</b>	6 weeks	7 weeks	6 weeks	8 weeks	6 weeks	7 weeks
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**Assessment How will**

<b>students be assessed?</b>	End of chapters Exam questions					
Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	
Questions and Answering	Questions and Answering	Questions and Answering	Questions and Answering	Questions and Answering	Questions and Answering	
Task in lessons	Task in lessons	Task in lessons	Task in lessons	Task in lessons	Task in lessons	

<b>Key Resources</b>	AS and A Level Cambridge book ICT/ YouTube PowerPoint slides	AS and A Level Cambridge book ICT/ YouTube PowerPoint slides	AS and A Level Cambridge book ICT/ YouTube PowerPoint slides	AS and A Level Cambridge book ICT/ YouTube PowerPoint slides	AS and A Level Cambridge book ICT/ YouTube PowerPoint slides	AS and A Level Cambridge book ICT/ YouTube PowerPoint slides
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**Skills taught.**

**Develop an understanding and gaining knowledge of the world of business.**  
**Improve literacy skills of reading and writing of English.**  
**Group interactions and study skills**  
**Independent learning**

**Curriculum Map**

**Year: 13**

**Subject: History**

	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
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<b>Topic</b>	Revision for AS Level Exams on Liberalism and Nationalism in Germany & the French and Russian Revolutions	Hitler's Dictatorship: establishing and maintaining control, life in Nazi Germany, the economy in Nazi Germany	Origins of the First World War: Tensions between the Great Powers, the alliance system, the growth of militarism, the arms race	Origins of the First World War: Instability in the Balkans, war plans, the assassination at Sarajevo and the July crisis, mobilisation and declarations of war	Revision and Exam technique	N/A
<b>Number of lessons</b>	18	24	24	18	18	N/A
<b>Assessment How will students be assessed?</b>	Mock exams and practice questions	A Level practice questions	Paper 3 practice questions – essay on historiography on the origins of the First World War	Paper 3 practice questions – essay on historiography on the origins of the First World War	Frequent practice questions for Paper 3 and Paper 4	N/A
<b>Key Resources</b>	Access to History: The Unification of Germany and the Challenge of Nationalism	Access to History: Democracy and Nazism: Germany 1918–45	Access to History: International Relations 1870-1914	Access to History: International Relations 1870-1914		N/A

**Skills taught:** Answering A Level exam questions, analysing sources, evaluating interpretations, revision techniques, expressing arguments in writing, developing understanding of historiography and developments in historians' points of view.

**Curriculum Map**

**Year 13**

**Subject: Maths**

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Topic</b>	<ul style="list-style-type: none"> <li>• Algebra</li> <li>• Logarithmic and exponential functions</li> <li>• Trigonometry</li> <li>• Differentiation</li> </ul>	<ul style="list-style-type: none"> <li>• Integration</li> <li>• Numerical solution of equations</li> <li>• Vectors</li> <li>• Differential equations</li> <li>Complex numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Forces and equilibrium</li> <li>• Kinematics of motion in a straight line</li> </ul> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <li>• The Poisson distribution</li> <li>• Linear combinations of random variables</li> <li>• Continuous random variables</li> </ul>	<ul style="list-style-type: none"> <li>• Momentum</li> <li>• Newton's laws of motion</li> <li>Energy, work, and power</li> </ul> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <li>• Sampling and estimation</li> <li>• Hypothesis tests</li> </ul>	<ul style="list-style-type: none"> <li>• Completion of Units</li> <li>• Review of topics</li> <li>• Revision</li> <li>Exam preparation with past papers</li> </ul>	<ul style="list-style-type: none"> <li>• Completion of Units</li> <li>• Review of topics</li> <li>• Revision</li> <li>Exam preparation with past papers</li> </ul>
<b>Number of lessons</b>						
<b>Assessment How will students be assessed?</b>	Topic Tests	Topic Tests	Mock exam Topic Test	Topic Tests	Topic Tests	Topic Tests Revision worksheets Examination
<b>Key Resources</b>	Cambridge Syllabus and Resources Textbook Internet Past examination papers					



<b>Key Resources</b>	رواية العواصف بمعلقة زهر بين سلم Translation book Al Kafilah Magazine Past papers Powerpoint presentations videos <a href="https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf">https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf</a>	رواية العواصف بمعلقة زهر بين سلم Translation book Al Kafilah Magazine Past papers Powerpoint presentations videos <a href="https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf">https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf</a>	رواية العواصف بمعلقة زهر بين سلم Translation book Al Kafilah Magazine Past papers Powerpoint presentations videos <a href="https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf">https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf</a>	رواية العواصف بمعلقة زهر بين سلم Translation book Al Kafilah Magazine Past papers Powerpoint presentations videos <a href="https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf">https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf</a>	رواية العواصف بمعلقة زهر بين سلم Translation book Al Kafilah Magazine Past papers Powerpoint presentations videos <a href="https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf">https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf</a>	رواية العواصف بمعلقة زهر بين سلم Translation book Al Kafilah Magazine Past papers Powerpoint presentations videos <a href="https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf">https://www.cambridgeinternational.org/Images/419605-2020-2022-syllabus.pdf</a>
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**Skills taught:**

Successful language students gain lifelong skills, including: • the ability to communicate confidently and clearly in the target language; • a sound understanding of the nature of language and language study, and of the skills and abilities required for further study and leisure; • insight into the culture and contemporary society of countries where the language is spoken; • better integration into communities where the language is spoken; • positive attitudes towards language learning, towards the speakers of other languages, and towards other cultures and societies; • skills which can be used in other areas of learning, such as analysis and memory skills.

**Curriculum Map**

**Year 13**

**Subject:** English Literature AS and A Level Based on 5 hours per week

	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
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<b>Topic</b>	Paper 3: Shakespeare and Drama William Shakespeare: The Merchant of Venice  Shelagh Stephenson: An Experiment With An Air Pump	Paper 3: Shakespeare and Drama  Paper 4: Poetry Sujata Bhatt: Selected Poems from Point No Point	Paper 4: Pre- and Post-1900 Poetry and Prose  Thomas Hardy: Far From the Madding Crowd	Paper 4: Pre- and Post 1900 Poetry and Prose Sujata Bhatt: Selected Poems from Point No Point  Thomas Hardy: Far From the Madding Crowd	Revision for Paper 3 & 4	
<b>Number of lessons</b>	35	40	35	35	25	20
<b>Assessment How will students be assessed?</b>	Exam style questions Seneca Learning	Exam style questions Seneca Learning End of term full exam	Exam style questions.	Mock Exam		
<b>Key Resources</b>	<b>William Shakespeare: The Merchant of Venice*</b>					

**Skills taught:**

**AO1 Knowledge and understanding Respond with understanding to literary texts in a variety of forms, from different cultures; with an appreciation of relevant contexts that illuminate readings of the texts.**

**AO2 Analysis Analyse ways in which writers' choices of language, form and structure shape meanings and effects.**

**AO3 Personal response Produce informed independent opinions and interpretations of literary texts.**

**AO4 Communication Communicate a relevant, structured and supported response appropriate to literary study.**

**AO5 Evaluation of opinion Discuss and evaluate varying opinions and interpretations of literary texts.**

Curriculum Map

**Year 12/13**

**Subject: Core PE**

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Topic</b>	Football Badminton	Basketball Table Tennis	Volleyball Health and Fitness	Handball Gymnastics	Athletics Tag Rugby	Athletics Dance
<b>Number of lessons</b>	6 Lessons	8 Lessons	6 Lessons	7 Lessons	5 Lessons	5 Lessons
<b>Assessment How will students be assessed?</b>	<ul style="list-style-type: none"> <li>● CORE PE is a subject which is not assessed in a summative manner.</li> <li>● Teachers will continually assess and provide detailed verbal feedback both individually and as teams for students to take on board and implement changes.</li> <li>● Students undertaking GCSE will use assessment from their practical elements and work on this in their core PE lessons. ● Teachers may use conditions and adaptations of rules to facilitate the learning of certain tactics and strategies, before moving into the traditional rules.</li> </ul>					
<b>Key Resources</b>	Footballs Cones Goals Badminton Racket Shuttles Badminton Nets.	Basketballs Cones Holahoops Table tennis tables. Bats Balls Nets	Volleyballs Cones Volleyball net.  Fitness Equipment (wide range)	Handballs Cones Safety mats Operators Apparatus( wide range)	Athletics Equipment Tags Rugby balls Cones	Athletics Equipment Loose clothing Mats

**Skills taught:**

- Some activities are taught through a sports education model, with students taking more responsibility for their learning.
- Some activities are taught as a training squad for inter-school matches, trying to build a culture of lifelong love for participating in competitive sport.
- Activities will focus on developing tactical understanding and strategies to overcome opponents through match play. Teachers may use conditions and adaptations of rules to facilitate the learning of certain tactics and strategies, before moving into the traditional rules
- Students will develop their leadership skills and ability to organise groups.
- Students will also have ample opportunities to further their skills in umpiring and officiating sports covered, which provide an alternative route into competitive sport post school.
- Students enter a range of local, regional and national level competitions.

**Curriculum Map**

**Year 13**

**Subject: French**

**Autumn 1**

**Autumn 2**

**Spring 1**

**Spring 2**

**Summer 1**

**Summer 2**

<p><b>Topic</b></p> <p><b>Current issues</b></p> <p><b>Aspects of political life in the French speaking world</b></p>	<p><b>Les aspects positifs d'une société diverse</b></p> <p>Benefit of living in ethnical diverse society</p> <p>Consider the need of tolerance and respect diversity</p> <p>How to promote diversity to create a richer world</p>	<p><b>Quelle vie pour les marginalisés</b></p> <p>Examine different groups marginalised</p> <p>Discuss how to help the marginalised groups</p>	<p><b>Comment on traite les criminels</b></p> <p>Examine different attitudes to crime</p> <p>Discuss prison and its merits and problems</p> <p>Consider alternative forms of punishment</p>	<p><b>Les ados, le droit de vote et l'engagement politique</b></p> <p>Vote and political French system and its evolution</p> <p>Engagement of young people and their influence on politics</p> <p>Importance of unions</p> <p>Strikes, protests and different forms of protesting</p>	<p><b>La politique et l'immigration</b></p> <p>Discuss political issues concerning immigration in French speaking countries</p> <p>Views of political parties on immigration issue</p> <p>Immigration and racism</p>	<p><b>Dossier literature (2 books)</b></p> <p><b>Kiff Kiff</b></p> <p><b>demain No et Moi</b></p>
<p><b>Number of lessons</b></p>						
<p><b>Assessment How will students be assessed?</b></p>	<p>In-class formative assessments. End of unit assessment</p>	<p>In-class formative assessments. A Level Mock exams</p>	<p>In-class formative assessments. End of unit assessment</p>	<p>In-class formative assessments. End of term assessment</p>	<p>In-class formative assessments. End of unit assessment</p>	<p>In-class formative assessments. A Level exams</p>

**Key Resources** Cambridge Cambridge School support Cambridge School support Cambridge School support hub AQA Kerboodle AS level  
 School support hub hub hub AQA Kerboodle AS level Teacher's resources  
 AQA Kerboodle AS level AQA Kerboodle AS level AQA Kerboodle AS level Teacher's resources Cambridge  
 level Teacher's resources Teacher's resources Cambridge  
 Teacher's resources resources resources Cambridge School support School support hub

**Skills taught:**  
**4 language skills**  
 -Speaking  
 -Listening  
 -Reading  
 -Writing  
 -Case study for 2 books

Curriculum Map

Year 12/13

Subject: Art  
A' Level

Autumn 1

Autumn 2

Spring 1

Spring 2

Summer 1

Summer 2

<b>Topic</b>	Coursework. Component1  Developing own project AO1 AO2 AO3 AO4	Coursework. Component1  Developing own project AO1 AO2 AO3 AO4	Exam preparation Component 2 AO1 AO2 AO3 AO4	Exam preparation Component 2 AO1 AO2 AO3 AO4		
<b>Number of lessons</b>	1 per week	1 per week	1 per week	1 per week	1 per week	1 per week
<b>Assessment How will students be assessed?</b>	Assessment at end of project	Assessment at end of exam	Assessment at end of exam	Assessment at end of exam		
<b>Key Resources</b>	Dry/wet materials	Dry/wet materials	Dry/wet materials	Dry/wet materials		

**Skills taught:**

Exploration and development of ideas, research artists , movements and issues, experimentation and investigation of materials, techniques and processes, Synergy and presentation of ideas/final piece

Curriculum Map

**Year 13**

<b>Subject: Physics</b>						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Topic</b>	<ul style="list-style-type: none"> <li>•Review of Mechanics</li> <li>•Motion in a circle</li> </ul>	<ul style="list-style-type: none"> <li>•Gravitational fields</li> <li>• Ideal gases</li> <li>•Temperature</li> <li>•Thermal properties of materials</li> </ul>	<ul style="list-style-type: none"> <li>• Oscillations</li> <li>•Communication</li> <li>•Capacitance</li> </ul>	<ul style="list-style-type: none"> <li>• Electronics</li> <li>•Magnetic fields</li> <li>•Electromagnetic induction</li> </ul>	<ul style="list-style-type: none"> <li>• Alternating currents</li> <li>•Quantum physics</li> </ul>	<ul style="list-style-type: none"> <li>• Completion of Units</li> <li>• Review of topics</li> <li>• Revision</li> <li>• Exam preparation with past papers</li> </ul>
<b>Number of lessons</b>						
Topic Tests	Topic Tests	Mock exam Topic Test	Topic Tests	Topic Tests	Topic Tests Revision worksheets Examination	
<b>Key Resources</b>	Cambridge Syllabus and Resources Textbook Internet Past examination papers					
<b>Skills taught:</b> <ul style="list-style-type: none"> <li>• Learn about unifying patterns and themes in physics and use them in new and changing situations</li> <li>• Acquire knowledge and understanding of physical facts, terminology, concepts, principles and practical techniques</li> <li>• Evaluate physical information, making judgements on the basis of this information</li> <li>• Appreciate the practical nature of physics, developing experimental and investigative skills based on correct and safe laboratory techniques</li> <li>• Analyse, interpret, and evaluate data and experimental methods, drawing conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations</li> <li>Develop a logical approach to problem solving</li> <li>• Select and apply appropriate areas of mathematics relevant to physics as set out under each topic</li> </ul>						