



# Year 11 Curriculum 2023 - 2024

Below you will find detailed out delivery of GCSE specification across Year 11. We hope this will be useful for parents in understanding how each subject is delivery key content and at what point this academic year.

	Autumn		Spring		Summer
Maths  Exam board - Pearson	<p><b>HIGHER</b></p> <p><b>Unit 13</b> Sine and cosine rules, <math>\frac{1}{2}ab \sin C</math>, trigonometry and Pythagoras' Theorem in 3D, trigonometric graphs, and accuracy and bounds</p> <p><b>Unit 14</b> Statistics and sampling, cumulative frequency and histograms</p> <p><b>FOUNDATION</b></p> <p><b>Unit 11</b> Ratio and Proportion</p> <p><b>Unit 12</b> Right-angled triangles: Pythagoras and trigonometry</p>	<p><b>HIGHER</b></p> <p><b>Unit 15</b> Quadratics, expanding more than two brackets, sketching graphs, graphs of circles, cubes and quadratics</p> <p><b>Unit 16</b> Circle theorems and circle geometry</p> <p><b>FOUNDATION</b></p> <p><b>Unit 13</b> Probability</p> <p><b>Unit 14</b> Constructions: triangles, nets, plan and elevation, loci, scale drawings and bearings</p>	<p><b>HIGHER</b></p> <p><b>Unit 17</b> Changing the subject of formulae (more complex), algebraic fractions, solving equations arising from algebraic fractions, rationalising surds, proof</p> <p><b>Unit 18</b> Vectors and geometric proof</p> <p><b>FOUNDATION</b></p> <p><b>Unit 15</b> Plans and elevations</p> <p><b>Unit 16</b> Algebra: quadratic equations and graphs</p>	<p><b>HIGHER</b></p> <p><b>Unit 19</b> Direct/ indirect proportion: statements of proportionality, reciprocal &amp; exponential graphs, rates of change functions, transformations.</p> <p><b>FOUNDATION</b></p> <p><b>Unit 17</b> Perimeter, area and volume 2: circles, cylinders, cones and spheres</p> <p><b>Unit 18</b> Fractions, reciprocals, standard form, zero and negative indices</p> <p><b>Unit 19</b> Congruence, similarity and vectors</p>	<p><b>HIGHER</b></p> <p>Conclude Unit 19 and revisit key areas</p> <p><b>FOUNDATION</b></p> <p><b>Unit 20</b> Rearranging equations, graphs of cubic and reciprocal functions and simultaneous equations</p> <p>Revisit key areas across all papers in preparation for final exams.</p> <p>**During year 11, the crossover groups between Foundation and Higher will look at the content common to both tiers, this is the content of the 'Crossover' Revision guide provided to all pupils with video support for home at <a href="http://www.justmaths.co.uk/online">www.justmaths.co.uk/online</a> **</p>



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<p>English</p> <p>Exam board - AQA</p>	<p><b>Shakespeare: Macbeth</b> (+ a selection of poetry from the Power and Conflict Anthology)</p> <p>Key knowledge explored: Students will develop their knowledge of Shakespeare’s play Macbeth and Elizabethan England. with the initial focus on understanding and analysing plot, characters, and relationships. Students will focus on the themes of ambition, the supernatural and superstition, good versus evil, fear and guilt. Context will focus on philosophical beliefs, the role of the monarchy, kingship and tyranny and the treatment of women. The role of the warrior or soldier, experience of war and trauma will also be examined with the support of key poetry.</p>		<p style="text-align: center;"><b>Revision</b></p> <p>Key knowledge explored: Consolidation of previous knowledge and skills to prepare for mock and external examinations. Lessons will be split equally between literature and language skills. Literature lessons will focus on revision of quotations, vocabulary and essay writing. Language writing will focus on transactional writing.</p>			
<p>Science</p> <p>Exam board - AQA</p>	<p><b><u>Ecology</u></b> Key knowledge explored: Adaptations, interdependence and competition, the carbon and water cycles, biodiversity, <b>trophic levels and food production.</b></p> <p><b><u>Chemistry of the atmosphere</u></b> Key knowledge explored: Composition and evolution of the Earth’s</p>	<p><b><u>Organic Chemistry</u></b> Key knowledge explored: Crude oil, hydrocarbons, fractional distillation, cracking and alkenes, <b>alcohols, carboxylic acids and the reactions of organic compounds along with the formation of polymers and amino acids.</b></p> <p><b><u>Magnetism and Electromagnetism</u></b></p>	<p><b><u>Using Resources</u></b> Key knowledge explored: Obtaining potable water, phytomining and bioleaching, life cycle assessments, recycling and reusing, <b>preventing corrosion and the Haber process.</b></p> <p><b><u>Waves</u></b> Key knowledge explored: Transverse and longitudinal waves, the wavespeed equation,</p>	<p><b><u>Forces Part 2</u></b> Key knowledge explored: Elasticity, <b>moments, levers, gears, pressure,</b> motion graphs, acceleration, stopping distances and momentum.</p> <p><b><u>Space</u></b> Key knowledge explored: <b>The solar system, satellites, the life cycle of a star, red-shift and</b></p>	<p style="text-align: center;"><b>Revision of:</b></p> <p style="text-align: center;">Key content Key knowledge Key practical skills Key mathematical skills</p>	



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	<p>atmosphere, greenhouse gases and their effects and atmospheric pollutants.</p>	<p><b>Key knowledge explored:</b> Permanent and induced magnetism, magnetic fields, the motor effect, electromagnetism, electric motors, <b>the generator effect, transformers, loudspeakers and microphones.</b></p>	<p>electromagnetic waves, <b>reflection, P&amp;S waves, lenses and black body radiation.</b></p>	<p><b>evidencing the big bang.</b></p>	
<p>MFL Exam board - AQA</p>	<p><b>Current future study and employment 1</b></p> <p>Knowledge explored: Revision of comparatives and superlatives Using verbs of liking and disliking Skills developed: Use of conditional tense in French and mastery of three tenses</p> <p>Forming longer sentences and describing physical properties.</p>		<p>Speaking exam questions preparation for all units</p>		<p>Past Paper Exam practice: Focus Continued Speaking exam questions preparation for all units Listening, reading and writing exam practice</p>
<p>History Exam board - AQA</p>	<p>Completion of Elizabethan Age (Paper 2 focus) – religious changes during the Elizabethan era, the role of Mary Queen of Scots and the relationship between England and Spain.</p> <p>Assessment on key challenges Elizabeth faced (above topic) – week of 2<sup>nd</sup>/9<sup>th</sup> October.</p> <p>The Cold War (Paper One) – exploration of the relationship between the East and the West between 1945 – 1972. We will explore the origins</p>		<p>Completion of the Cold War War.</p> <p>Revision of all key components: Paper 1 – Germany and The Cold War Paper 2 – Health &amp; the People, Elizabethan England.</p> <p><b>Please note: homeworks across this term will focus on revision the health element of Paper Two.</b></p>		<p>Continuation of revision through revising content and practice questions.</p>



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	<p>of the Cold War, it's early development and the easing of tensions by the 1970s.</p> <p><b>Please note: homeworks across this term will focus on revision the Germany element of Paper One.</b></p>		
<p>Geog</p> <p>Exam board - AQA</p>	<p><b>Urban Environments (Bristol) &amp; Economic world</b></p> <p>Key Content Urban environments: Site, situation, and function. What is Bristol like? How did it grow? What opportunities are there? What is the future like? Skills Focus Urban environments: Location, physical features, diversity, and human processes.</p> <p>Please note: homeworks across this term will focus on physical geography revision and on the topic of urbanisation. There will also be an added homework focus on skills and the fieldwork element of the subject (paper 3)</p>	<p><b>Resource Management &amp; Revision, Fieldwork and Skills</b></p> <p>Key Content Resource Management: Looking at renewable and non-renewable resources, their origin and how we use them. What is climate change? Natural and human causes? What is sustainability? What are alternative sources of energy? What is the future? Skills Focus Resource Management: physical features and human processes. Also, techniques.</p> <p>Please note: homeworks across this term will focus on revision of the human topics of urbanisation, the economic world and resources. There will also be an added focus on paper 3 and the pre-release (which is released in March 2024)</p>	<p>Revision across all elements of specification</p>
<p>Food</p> <p>Exam board – WJEC Eduqas</p>	<p><b>NEA Assessment 1</b></p> <p>Key knowledge explored: within this half term students will prepare and explore the differing commodity given within the brief. They will apply their knowledge and understanding of how to write their brief using research methods, hypothesis setting, plan of action, writing up an experiment, analysis results of experiment and</p>	<p><b>NEA Assessment 2</b></p> <p>They will apply their knowledge and understanding of how to write their brief using research methods, hypothesis setting, plan of action, writing up an experiment, analysis results of experiment and drawing conclusions, refencing sources. Students will be familiar to the marking scheme. Students will be confident in independently executing each</p>	<p><b>Summer</b></p> <p>Students will use their audited RAG rated exam feedback highlighting areas of development required to secure understanding. Examples of examination questions will be issued to students specifically looking at how questions are worded and the mark scheme. The six areas of examination are: Food commodities Principle of nutrition Diet</p>



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	<p>drawing conclusions, referencing sources. Students will be familiar to the marking scheme. They will focus upon gaps in their learning so their knowledge and understanding will support their investigative skills. During the second part of this half term students will apply their knowledge the NEA Assessment 1 through written work, which takes place in class.</p> <p>Homework: Students will be expected to conduct research outside of the classroom making notes on their NEA Assessment 1 task, in preparation to produce their timed assessment. (8 Hours).</p>	<p>stage of the assessment. During this half term lesson time will also focus upon examination questions relevant to other topic, recaps on key research methods, etc.</p>	<p>and good health The science of food Where food comes from Cooking and food preparation</p>
<p>Business</p> <p>Exam board - Pearson</p>	<p style="text-align: center;"><b>Finance</b></p> <p>Key knowledge explored/skills developed: - Break Even - Cash and Cash flow Operations - Business location - Working with suppliers - Consumer law</p> <p style="text-align: center;"><b>Business Activity</b></p> <p>Key knowledge explored/skills developed: - Stakeholders in business - Business growth Marketing Key knowledge explored/skills developed: - The role of marketing – Market research - Market segmentation</p>	<p style="text-align: center;"><b>Marketing</b></p> <p>Key knowledge explored/skills developed: - The marketing mix - Price - Product - Place - Promotion - Cosmetics Project People Key knowledge explored/skills developed:</p> <p style="text-align: center;"><b>People</b></p> <p>Key knowledge explored developed: - Communication in business - Recruitment and selection - Motivation and retention - Training and development - Employment law</p>	<p style="text-align: center;"><b>Operations</b></p> <p>Key knowledge explored developed: - Production processes - Quality of goods and services, the sales process and customer service</p> <p style="text-align: center;"><b>Finance</b></p> <p>Key knowledge explored/skills developed: The role of the finance function - Sources of finance - Revenue, costs, profit and loss Skill focus: mathematical techniques (calculation and interpretation of qualitative data)</p> <p><b>Paper 1 Revision Case Study Focus</b> - Business Activity - Ownership - Stakeholders - Growth - Marketing – People</p>



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			<p><b>Paper 2 Revision</b> - Finance - Influence on business - Operational and human resource decision making</p>
<p>Media</p>	<p><b>Key areas covered this term:</b></p> <ul style="list-style-type: none"> <li>- Magazines CSPs</li> <li>- Heat Magazine cover November 2020</li> <li>- Tatler Magazine cover – January 2021</li> <li>- Television CSPs (His Dark Materials, Series 2, Episode 1 – The City of Magpies, Dr Who, Episode 1 – An unearthly child)</li> <li>- Newspapers CSPs (The Daily Mirror - Friday 5 March 2021, The Times - Friday 5 March 2021.)</li> <li>- Revision of key terms and theories of Media Language, Media Representations, Media Industries and Media Audiences.</li> </ul> <p><b>Please note: Ms Nicholls will leave us for maternity leave at October half-term. Ms Powell will oversee this area of the school up until the exams.</b></p> <p>NEA work must be completed by October half-term.</p>	<p>Revision of key terms and theories of Media Language, Media Representations, Media Industries and Media Audiences.</p> <p>Revision of all CSPs – 1 per lesson with exam style questions throughout.</p>	<p>Continue revision and exam season starts.</p>



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<p>iMedia Exam board - OCR</p>	<p>R097: Pre-production and planning documentation and techniques for interactive digital media R097: Sources of research and types of research data.</p> <p>R097: Technical skills to create and/or edit and manage assets for use within interactive digital media products R097: Technical skills to create interactive digital media</p>	<p>R097: Techniques to save and export/publish interactive digital media R097: Techniques to test/check and review interactive digital media R097: Improvements and further developments.</p> <p>R097: NEA Assessment (Working on) R093: Distribution platforms and media to reach audiences (TA4) R093: Properties and formats of media files (TA4)</p>	<p>(TA2) R093: The legal issues that affect media (TA3) R093: Job roles in the media industry (TA1)</p> <p>R093: Revision and mock papers/tests R093: Examination (Terminal unit)</p>
<p>DT Exam board - AQA</p>	<p><b>Non Examination Assessment Preparation, Planning &amp; Completion</b></p> <p>Format of coursework from previous examples and exam board guidance, discussion of client &amp; product requirements, focus on material research, practical design through stages from working prototype to final design, review of NEA following Iterative Design process and completion of NEA written sections.</p>	<p><b>Revision</b></p> <p>Forces and stresses, new and emerging technologies, energy generation and storage, developments in new materials, investigation, primary and secondary data, environmental, social and economic challenge,</p>	<p><b>Revision</b></p> <p>Students will use their audited RAG rated exam feedback highlighting areas of development required to secure understanding. Examples of examination questions will be issued to students specifically looking at how questions are worded and the mark scheme.</p>
<p>PE (GCSE) Exam board - Edexcel</p>	<p><b>Practical</b></p> <p>Handball, badminton, basketball and netball</p> <p><b>Theory</b></p> <p>How to optimise training and prevent injury</p> <p>Effective use of warm up and cool down</p> <p>Physical, social and emotional health, fitness and well-being</p>	<p><b>Practical</b></p> <p>Football, badminton, moderation.</p> <p><b>Theory</b></p> <p>Sport Psychology</p> <p>Classification of skills</p> <p>Guidance and Feedback on performance</p>	<p>Revision of all key components</p>



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	<p>Consequences of a sedentary lifestyle</p> <p>Energy use, diet, nutrition, and hydration</p>	<p>Mental Preparation for performance</p> <p>Socio- Cultural Influences</p> <p>Engagement patterns of different social groups</p> <p>Commercialisation of physical activity and sport</p> <p>Ethical and socio-cultural issue in sport and physical activity</p>	
<p>Art</p> <p>Exam board - AQA</p>	<p><b>Component 1 - Free Choice Topic</b></p> <p>Continued Skills developed: All skills from KS3 will be recapped and explored in greater detail, refining of artwork, different forms of printmaking including lino print, poly block print and mono print, etching, clay, sophisticated collage and working with found materials.</p>	<p><b>Component 2 - Exam - AQA externally set</b></p> <p>Assignment Skills developed: All skills from KS3 will be recapped and explored in greater detail, refining of artwork, different forms of printmaking including lino print, poly block print and mono print, etching, clay, sophisticated collage and working with found materials.</p>	<p><b>Component 2 – Exam - AQA externally set</b></p> <p>Assignment Skills developed: All skills from KS3 will be recapped and explored in greater detail, refining of artwork, different forms of printmaking including lino print, poly block print and mono print, etching, clay, sophisticated collage and working with found materials.</p>