

# What do I need to revise?

English Language  AQA	<b>Language Paper 2</b>  Q1-4 Non fiction Reading (one modern text and one 19 <sup>th</sup> Century text) <ul style="list-style-type: none"> <li>• Retrieval, summary, analysis using TEA and comparison</li> </ul> Q5 Transactional Writing – persuade, argue, explain or advise <ul style="list-style-type: none"> <li>• Letter layout and appropriate features</li> <li>• Article layout and appropriate features</li> <li>• Speech layout and appropriate features</li> </ul>
English Literature  AQA	<b>Literature Paper 1</b>  <i>Romeo and Juliet</i> Respond to a question and extract using the PEAL structure <ul style="list-style-type: none"> <li>• What is the question asking you?</li> <li>• What is happening in the extract?</li> <li>• What else in the play could you refer to or explore in order to answer the question</li> <li>• Key characters and quotes</li> <li>• Key themes and quotes</li> <li>• The time period Shakespeare was writing in and the rules of society at that time</li> </ul> <i>A Christmas Carol</i> Respond to a question and extract using the PEAL structure <ul style="list-style-type: none"> <li>• What is the question asking you?</li> <li>• What is happening in the extract?</li> <li>• What else in the novella could you refer to or explore in order to answer the question</li> <li>• Key characters and quotes</li> <li>• Key themes and quotes</li> <li>• The time period Dickens was writing in and the rules of society at that time</li> </ul>
Maths Foundation  AQA	Algebraic Vocabulary Angles in shapes Angles in straight/parallel lines Area and Perimeter Averages Conversions Decimals, Fractions, and Percentages Distance Time Graph Estimating

	<p>Expanding brackets</p> <p>Factorising</p> <p>Fractions and Mixed Numbers</p> <p>Graphs including reciprocal</p> <p>Inequalities</p> <p>Laws of Indices</p> <p>Linear Equations</p> <p>Measuring</p> <p>Multiples</p> <p>Order of Operations</p> <p>Percentages, Change and Increase/Decrease</p> <p>Pictograms</p> <p>Pie charts</p> <p>Probability</p> <p>Ratio</p> <p>Scatter Graphs</p> <p>Sequences - Term to term, nth term</p> <p>Significant Figures</p> <p>Simplifying Algebra</p> <p>Speed</p> <p>Substitution</p> <p>Table of values</p> <p>Trigonometry (SOHCAHTOA)</p> <p>Two way tables</p> <p>Types of Number</p> <p>Units</p> <p>Volume</p>
<p>Maths Higher</p> <p>AQA</p>	<p>Angles in straight/parallel lines</p> <p>Area and Perimeter</p> <p>Averages</p> <p>Bearings</p> <p>Box Plots</p> <p>Completing the square</p> <p>Congruent shapes</p> <p>Cube Roots</p> <p>Estimating</p> <p>Expanding Brackets</p> <p>Fractions and Mixed Numbers</p> <p>Fractions, Decimals, Percentages</p> <p>Functions</p> <p>Graphs including Reciprocal</p> <p>Histograms</p> <p>Inequalities</p> <p>Laws of Indices</p> <p>Linear Equations</p> <p>Map Scales</p> <p>Percentages, Change and Increase/Decrease</p>

	Pie Charts Plans and Elevations Probability Proof Proportion Pythagoras Quartiles Ratio Recurring Decimals to Fractions Significant Figures Simultaneous Equations Speed Standard Form Surds Surface Area Table of values Transformations Trigonometric Functions, exact trig values Trigonometry (SOHCAHTOA) Types of Numbers Venn diagrams Volume $y=mx+c$
Biology  EDEXCEL	<u>Combined Biology (Foundation Level Content Only):</u> Topic CB1 Key Concepts Topic CB2 Cells and control Topic CB3 Genetics Topic CB4 Natural selection and genetic modification Topic CB5 Health, disease and medical development  <u>Separate Biology (Foundation and Higher Level content):</u> Topic SB1 Key Concepts Topic SB2 Cells and control Topic SB3 Genetics Topic SB4 Natural selection and genetic modification Topic SB5 Health, disease and medical development
Chemistry  EDEXCEL	Topic 1 (Fundamentals of Chemistry) Topic 2 (states and separation methods) Topic 3 (Acids and Electrolysis) Topic 4 (Metals and Dynamic equilibrium) Topic 5 (Separate Chemistry)  Note – ActiveLearn uses different headings: CC is Combined Chemistry, SC is Separate Chemistry CC1//SC1 – States of matter

	<p>CC2//SC2 – Separation methods</p> <p>CC3/4//SC3/4 – Atomic structure and Periodic Table</p> <p>Cc5/6/7//SC5/6/7 – Bonding (Ionic, covalent and metallic)</p> <p>CC8//SC8 – Acids and Bases</p> <p>CC9//SC9 – Chemical Calculations</p> <p>CC10//SC10 – Electrolysis</p> <p>CC11//SC11 – Metals</p> <p>CC12//SC12 – Dynamic Equilibria</p> <p>SC13 – Separate Metals</p> <p>SC14 – Separate Calculations</p> <p>SC15 – Haber process and Fertilisers</p> <p>SC16 – Chemical cells</p>
<p>Physics</p> <p>EDEXCEL</p>	<p>Topic 1 Mathematical skills: Graphs, powers of ten, significant figures, unit</p> <p>Topic 2 Forces: scalars and vectors, stopping distances</p> <p>Topic 3 Energy: KE, GPE, Efficiency, Global warming</p> <p>Topic 4 Waves: Longitudinal waves, sound/water, refraction, seismic</p> <p>Topic 5 Waves: Transverse waves, electromagnetic spectrum, reflection</p> <p>Topic 6 Nuclear: Structure of the atom, Radioactivity, half life</p> <p>(Topic 7 Space – Separate only)</p> <p>Every Topic is supported by a video on the physicsinfo YouTube channel (these are carefully matched to the Learning Outcomes). Pupils should look for the ‘Combined Science’ or ‘Separate’ version as appropriate.</p> <p>The Learning outcomes, Mind maps, Revision cards (Paper 1 &amp; Practicals), Calculations, Extended Answer examples and Practical related questions (all with exemplar answers) can be found here:</p> <p>Pupils Shared&gt; Read Only &gt; Science &gt; Physics &gt; GCSE</p> <p>In this folder there is also a document (<i>Read me about exams revision</i>) which gives the same information plus links to other exam revision material</p>
Art	No revision – continuing to work on coursework
<p>Business</p> <p>EDEXCEL</p>	<p><b>Topic areas are given at the start of each section in your folder.</b></p> <p>1.1 Enterprise and Entrepreneurship – new business ideas, risk and reward, adding value and entrepreneurship.</p> <p>1.2 Spotting a Business Opportunity – customer needs, market research, market mapping and competitive environment.</p> <p>1.3 Putting a Business Idea into Practice – aims and objectives, revenues costa &amp; profit, break even, cash flow and sources of finance.</p> <p>1.4 Making the Business Effective – liability, types of ownership, business location, marketing mix, business plans.</p>

	1.5 Understanding External Influences on Business – stakeholders, legislation, the economy and external influences on business.
Child Dev OCR	1.1 Factors affecting pre-conception health for women and men 1.2 Other factors affecting the pre-conception health for women 1.3 Types of contraception methods and their advantages and disadvantages 1.4 The structure and function of the reproductive systems 1.5 How reproduction takes place 1.6 The signs and symptoms of pregnancy 2.1 The purpose and importance of antenatal clinics 2.2 Screening and diagnostic tests 2.3 The purpose and importance of antenatal classes 2.4 The choices available for delivery 2.5 The role of a birth partner in supporting the mother through pregnancy and birth 2.6 The methods of pain relief when in labour 2.7 The signs that labour has started 2.8 The three stages of labour and their physiological changes 2.9 The methods of assisted birth 3.1 Postnatal checks 3.2 Postnatal care of the mother and baby 3.3 The development needs of children from birth to five years 4.1 Recognise general signs and symptoms of illness in children 4.2 How to meet the needs of an ill child 4.3 How to ensure a child-friendly safe environment
Computer Science OCR	1.1 Systems architecture 1.2 Memory and storage 1.3 Computer networks, connections, and protocols 1.4 Network Security 1.5 System software 2.1 Algorithms (search and sort only) 2.2 Programming fundamentals 2.3 Producing robust programs 2.4 Boolean logic
Creative Media OCR	1.1 Media industry sectors and products 2.1 Style, content and layout 2.2 Client requirements and how they are defined 2.4 Research methods, sources and types of data 2.5 Media codes used to convey meaning, create impact, engage audiences (i.e. audio, camera techniques) 3.2 Documents used to support ideas generation (i.e. Mind maps) 3.3 Documents used to design and plan media products (i.e. Visualisation diagrams, Scripts, Storyboards) 3.4 The legal issues that affect media

	<p>4.1 Distributing media products</p> <p>4.2 Properties and formats of media files (i.e. static/moving image files)</p>
<p>Drama</p> <p>AQA</p>	<p>Section A- Roles and responsibilities in the theatre (4 x multiple choice questions, 1 mark each)</p> <ul style="list-style-type: none"> <li>• Staging types</li> <li>• Back stage roles</li> <li>• Proxemics (e.g. upstage/downstage/stage left)</li> <li>• Front of house roles</li> <li>• Key theatrical terminology</li> </ul> <p>Section B- Things I Know to Be True (4 x questions – 4, 8, 12 and 20 marks)</p> <ul style="list-style-type: none"> <li>• Plot (to refer to the whole play outside the given extract)</li> <li>• Characters</li> <li>• Context</li> <li>• Design elements – costume, sound, lighting, set design (knowledge of the original staging, context and your own ideas)</li> <li>• Performance skills – physical, vocal, use of performance space, interaction with other characters</li> </ul> <p>Section C – Live Theatre (1 x 32 mark question)</p> <p>Analysis and evaluation of a live theatre production seen in class. Areas to revise:</p> <ul style="list-style-type: none"> <li>• Design elements of the production seen – costume, sound, lighting, set design</li> <li>• Performance skills used in the production seen – physical, vocal, use of performance space, interaction with other characters</li> <li>• Additional research into the production’s time period, context, design team, director and performers to justify evaluation</li> </ul>
<p>French</p> <p>EDEXCEL</p>	<ul style="list-style-type: none"> <li>• Use the shared area which highlights the practice needed for each of the following skills: Listening / Reading / writing / vocab and grammar revision / tenses / translation</li> </ul>
<p>Food Preparation and Nutrition</p> <p>EDUQAS</p>	<ul style="list-style-type: none"> <li>• Pasta: How it is made, recipe for making it, where the raw ingredients come from, how to make a good quality pasta.</li> <li>• Bread: How it is made, recipe for making it, where the raw ingredients come from, how to make a good quality bread, the nutritional value of bread.</li> <li>• Obesity: consequences of being obese.</li> <li>• Cholesterol: the types and the function in our diet.</li> <li>• Proteins: What they are, types, function in body, food sources, deficiencies, consequences of having too much/too little protein.</li> <li>• Vegan Diets: foods suitable for vegans.</li> <li>• Food Miles: importing foods, environmental impact, ways to reduce food miles, reducing carbon footprint in food production.</li> <li>• Healthy Eating: current guidelines, all main nutrients and their jobs, example ways to make a diet healthier.</li> </ul>

	<ul style="list-style-type: none"> <li>• Methods of Cooking: Poaching, Boiling, Steaming, Baking, Deep Frying, Shallow Frying, Microwaving, Roasting, Braising, Toasting, Stewing, Grilling etc</li> <li>• How cooking effects food: reduces nutritional value, Nutrient lose, Malliard Reaction etc</li> <li>• Food Safety: Food spoilage, ways to reduce cross contamination, food safety in the kitchen, HACCP, Food poisoning.</li> <li>• Food Choice: Factors that affect food choices Eg. Income, Climate, Health, Religion, technology, lifestyle.</li> </ul>
Geography OCR B	<ul style="list-style-type: none"> <li>• Urban Futures</li> <li>• Sustaining Ecosystems</li> <li>• UK in the 21<sup>st</sup> Century</li> <li>• Distinctive Coastal Landscapes</li> <li>• Dynamic Development</li> <li>• Physical Fieldwork</li> </ul>
German EDEXCEL	<p>Chapters 1-8:</p> <ul style="list-style-type: none"> <li>• School</li> <li>• Free time</li> <li>• Family and friends</li> <li>• At home</li> <li>• I love Wien</li> <li>• On Holiday</li> <li>• World of work</li> <li>• Festivals and the environment</li> <li>• <b>Revise the tenses</b></li> <li>• <b>Revise the list of essential verbs and vocab</b></li> </ul>
History EDEXCEL	<ul style="list-style-type: none"> <li>• Weimar Germany 1919-1933</li> <li>• The Rise of Hitler</li> <li>• Consolidation of Power</li> <li>• Life in Nazi Germany</li> </ul>
Latin EDUQAS	<p><b>Paper 1: Language</b></p> <ul style="list-style-type: none"> <li>• Revision of vocabulary up to chapter 26</li> <li>• Revise your noun endings thoroughly</li> <li>• Revise your verb endings thoroughly</li> </ul> <p><b>Paper 2: Literature</b></p> <ul style="list-style-type: none"> <li>• Revise all the passages we will have covered before mocks: Claudia's epitaph, Catullus – all the poems, Cicero, A family matter and Pliny, Faithful unto death.</li> <li>• Revise ALL the passages in translation.</li> </ul>
Music OCR	<p><b>1. India and Punjab:</b></p> <ul style="list-style-type: none"> <li>• Rhythmic features in Indian Classical Music and Punjabi Bhangra.</li> <li>• Cultural context and modern influences.</li> <li>• Notable performers and collaboration.</li> </ul>

	<p><b>2. Eastern Mediterranean and Middle East:</b></p> <ul style="list-style-type: none"> <li>• Rhythms in Greek, Palestinian, and Israeli music.</li> <li>• Cultural context, modern impact, and artists.</li> </ul> <p><b>3. Africa:</b></p> <ul style="list-style-type: none"> <li>• African drumming rhythms, cultural roots, and modern aspects.</li> <li>• Prominent African drumming performers and collaboration.</li> </ul> <p><b>4. Central and South America:</b></p> <ul style="list-style-type: none"> <li>• Calypso and Samba rhythms, cultural context, and modern influence.</li> <li>• Notable performers and collaborative practices.</li> </ul>
Photography	No revision – continuing to work on coursework
RE	<ul style="list-style-type: none"> <li>• Christian Beliefs and Practices</li> <li>• Hindu Beliefs and Practices</li> </ul>
AQA	
Design Technology  EDEXCEL	<ul style="list-style-type: none"> <li>• Metal properties</li> <li>• Plastic properties</li> <li>• Wood properties/Sustainable timber. Links to cardboard for packaging.</li> <li>• Fabric properties</li> <li>• Smart materials – how do they work?</li> <li>• Isometric and Oblique drawing methods</li> <li>• Drawing Nets</li> <li>• Lay plans – calculation of materials used and why use standard components?</li> <li>• Stainless steel uses</li> <li>• Emerging Technologies - Carbon footprint reduction</li> <li>• Life Cycle Assessment. JIT manufacturing</li> <li>• Apprenticeships – what are they?</li> <li>• Ability to work out costing of products and percentages of profit</li> <li>• How to use a bar graph – read data</li> <li>• Solar and mains electricity power – why use each one?</li> <li>• How to modify and adapt a product</li> <li>• Hand tools for wood</li> <li>• Electronic component images</li> <li>• Flow chart creation</li> <li>• Mass production for wood products</li> <li>• Brass production for wood products</li> <li>• How to generate initial ideas and avoid design fixation.</li> <li>• Cultural issues in design.</li> <li>• Wood finishes</li> <li>• Engineering timber</li> </ul>



Sports Science  OCR	<b>Reducing the risk of sports injuries and dealing with common medical conditions</b> Topic Area 1: Different factors which influence the risk and severity of injury <i>-Extrinsic Factors</i> <i>-Intrinsic factors</i>
Sports Studies  OCR	<b>Contemporary issues in sport</b> Topic Area 1: Issues which affect participation in sport Topic Area 2: The role of sport in promoting values Topic Area 3: The implications of hosting a major sporting event Topic Area 4: The role of National Governing Bodies (NGBs) Topic Area 5: The use of technology in sport