

Year 11 (Cohort 2027) PPE – Student Guide

Subject	Duration	Style of Questions	Topics/Content Assessed	Skills Assessed	Useful resources
Art	5 hrs	Component One - Response Piece	<u>Component 1</u> Personal Investigation – Individual topics.	All four Assessment Objectives AO1 – Contextual Understanding AO2 – Explore and Develop AO3 – Record and Reflect AO4 – Personal Outcomes	- BBC Bitesize GCSE Art - Tate: https://www.tate.org.uk/art/student-resource/exam-help
Biology	1 hr 45 mins	Multiple choice, short answer 1 and 2 mark questions. Long answer 4, 5 and 6 mark questions	Cell Biology Organisation Infection and Response Bioenergetics Numeracy skills Required Practicals	Recall, Descriptions, explanations, evaluations, numeracy skills, practical skills, extended response.	Senecalearning.com GCSE bitesize CGP Revision guides AQA
Business	1 hr 45 mins	Combination of written and calculation questions; 1, 2, 3, 6, 9 and 12	<u>Theme 1</u> Theme 1 Paper Forms of ownership Sources of finance E-commerce External factors – focus on employment law economic climate, tax, inflation Added value Marketing mix Business costs Cash flow Market research Business location Competition Objectives Profitability Market share	<i>Knowledge</i> – understanding of topics <i>Application</i> – applying understanding of topics to specific business circumstances, or through calculations <i>Analysis</i> – ability to explain or develop an argument <i>Evaluation</i> – ability to weigh up competing arguments to arrive at a supported conclusion	- Takingthebiz https://www.youtube.com/playlist?list=PLcWPAWkNloiCgswN07tHJGrG_FHwJRjeF BBC Bitesize.url SENECA Revision.url Two Teachers Revision Resources.url
Chemistry	1 hr 45 mins	Multiple choice, short answer 1 and 2 mark	Atomic Structure and the periodic table	Recall, Descriptions, explanations, evaluations,	Senecalearning.com GCSE bitesize

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		questions. Long answer 4 , 5 and 6 mark questions	Bonding properties and properties of matter Quantitative Chemistry Chemical Changes Energy Changes Numeracy skills Required Practicals	numeracy skills, practical skills, extended response.	CGP Revision guides AQA
GCSE Design Technology	2 hrs	Multiple Choice Name and state State and explain Describe and explain Name and describe Analyse and evaluate Discuss	• Core Technical Principles • Numeracy • Health and safety • Properties of materials • Composite materials • Manufactured boards • Just in Time (JIT) • Forces and stresses on materials • Modelling • Quality control • Surface finishes	• Select the correct answer from a list of four • Cost calculations for to complete the missing information • Calculate maximum and minimum material sizes • Tolerances +/- 5% • Calculate different percentages • Calculate the volume of material required for manufacture of a product • Safety precautions using cutting tools • Identify materials properties • Explain the different properties of materials	• Industry and enterprise • Renewable energies • Electronic systems • Forces • Materials • Production methods • Sustainability • Mechanical devices • Maths (area) • Look at working out how unit costs can add up to different amounts based on quantities required • Practice working out how different amounts can add up to different percentages • Practice adding up different parts and shapes on a given shape of material to work out how much wastage of a material is being produced • Practice working out area of different shapes • Revise cutting tools (hand or machine/power tools) • Ensure you are aware of safety precautions using hand tools and/or machines before, during and after cutting

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		Drawing and explain	• Materials • Stock Forms and primary sources • Impact of manufacture of the environment • Consumer requirements • Specification of different items • Products suitability for users • Products and their safety features • Anthropometrics • Collaborative design • Creative problem solving • Example everyday products • Third angle orthographic projection • Isometric drawings • 2D drawing techniques • 3D drawing techniques	• Explain how JIT improves manufacture • Explain how forces are applied on products in use • Explain why we model • Explain the purpose of quality control • Describe methods of quality control • Explain the aesthetics for applying surface finishes to materials and fabrics • Explain the function for applying surface finishes to materials or fabrics • Name material categories and their sources • Name process to convert primary sources of materials • Write notes and draw basic sketches on different stock forms and where they come from • Evaluate the impact manufacture has on the planet and the environment	materials • Looking at the properties Kevlar • Looking at the properties of manufactured boards • Looking at characteristics of JIT production and how this is utilised in manufacture to reduce inventory and waste • Looking at different forces in application of materials and how that act under stress and strain • From your specialist material area research different industrial processes: addition processes; wasting processes (not recycling) • Know different modelling materials and why designers create models of their work • Revise quality control (QC) used during manufacture • Looking at the different surface finishes of materials/fabrics in your subject specialism area • Revises different surface finishes for materials and fabrics • Looking at the different properties of materials in your subject specialism area • Look up the different stock forms of your focussed material area and identify its
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				• Evaluate consumer requirements when manufacturing products • Evaluate the advantages and disadvantages of manufacturing on the environment • Interpret anthropometric data • Explain what anthropometrics are • Collaborative design and the importance in helping designers create effective solutions to problem. • Take part of a drawn product and fill in the missing views/sides	origin. Be aware of where it comes from and how it is created. • Research the materials in your own subject specialism and identify the impact they have on society and the environment • From your subject specialism revise how polymer materials could be strengthened or reinforced • How a product with a given specification can be improved • Learn how to record down advantages and disadvantages of the same products • Understand what anthropometrics are and why they are important • Consider different anthropometric measurements are • Looking at everyday products and recognising how designers work together to create items • Researching different design specialisms and recognising why they collaborate to design products that are fit for purpose and meet the needs of the user (electronic engineers, product designers, architects, structural engineers) • Naming different everyday products (ie. mobile phones, packaging, motor vehicles, medical equipment)
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					• Researching technical, legal and user requirements for everyday products • Look at isometric drawings and recreate in third angle orthographic projection (plan, front, side views) • Look at third angle drawings and recreate in isometric Recognising advantages of 3D drawing compared to 2D for communication
Drama	1hr 45 mins	Performer/director/Designer <i>1 How would you perform the role of ... in this extract? (4 marks)</i> <i>2 How would you perform the role of ...in this extract? (6 marks)</i> <i>3 How would you use as a director (9 marks)</i> <i>4 As a director, discuss how the performer playing this role might demonstrate this to the audience in this extract and in the complete play. (12 marks)</i> <i>5 As a designer how would you bring this scene to life</i>	<u>DNA play text by Dennis Kelly</u> <u>Context - Themes and issues – peer pressure, bullying and anti-social behaviour</u>	Page to stage knowledge Understanding of the full text Understanding of the role of the performer, director and designer	• DNA revision guide • Class notes • Printed Exemplar material • Material on SharePoint

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		<i>using a specified design element?</i> (14 marks) Explain live theatre question on Blood Brothers (6 marks) Evaluate live theatre question on Blood Brothers (9 marks)	<u>Your live theatre notes</u>	Knowledge Understanding of the full play Understanding of the set, costume, lighting, sound, stage furniture, props, acting.	Live theatre notes Exemplar material Practice questions
OCR Engineering Manufacture	1 hr 15 mins	Section A • <i>multiple choice</i> 10x compulsory questions (10x marks)	• Metal types, uses and classifications • Polymer types, uses and classifications • Ceramic types, uses and classifications • Drawing standards and abbreviations • Tolerances • Scales of production (one-off, batch, mass, continuous) • Material properties (mechanical and physical) • Forming processes • Joining processes • Shaping processes • Mechanical fastenings	• Select the correct answer from a list of four • Naming the parts of a machine • Identifying milling operations and techniques • Describing the three axes movement • Describing safety checks and dangers to prevent accident on a milling machine • Stages involved in injection moulding • Identifying properties of materials and explaining	• Tests a range of knowledge from across the unit content • Looking at the types, uses and classifications of metal and polymer materials • Looking at drawing standards and abbreviations for orthographic projection • Recognising and calculating tolerances and dimensions • Looking at different scales of production and their characteristics that link to products manufactured using each scale • Looking at properties of materials, their meaning and application in engineered products • Looking at processes to shape materials • Looking at permanent and temporary methods for joining metals (Brazing, welding, riveting, standard fixings/fastenings)

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		Section B Mandatory questions Identify and describe • <i>short answer</i> (10 marks)	Machining operations	their suitability for use in a given engineered product Materials forms of supply (how they are bought in) and why suitable	• Looking machining processes for vertical milling; the parts of the machine, operations and milling techniques, X-Y-Z three axis movement; safety precautions and checks for operation of a manual machine • Revising engineering processes for shaping polymers • Looking at properties of materials (mechanical and physical) and explaining their suitability for use in engineered products • Look at material forms that are used for injection moulding and justify their suitability for use
		Section B Mandatory questions Identify and explain • <i>shorter response in context</i> (10 marks)	Processes used for manufacturing polymer products • Composite material types • Properties of carbon fibre (mechanical and physical) • Processes used for forming carbon fibre • Differences between composites and alloys	• Identify and describe carbon fibre and its properties • Describe how carbon fibre is formed into shape • Describe the difference between composite and alloy materials • Identify composite materials	• Revise composite materials, types, uses and properties • Revise forming methods for carbon fibre and how this is made for the shape of a bike frame • Revise machining processes and the forms of material that can be used for drilling on a pillar drill (square/flat bar or rod) and turning on a lathe (cylindrical/hex bar)
		Section B Mandatory questions Identify and describe • <i>shorter response in context</i> (10 marks)	• Interpreting engineering drawings • Standard conventions in engineering drawings	• Identify features in engineering drawings and their dimensions • Compare and contrast production methods suggested to agree/disagree with statements • Justify and give reasons for your suggestions	

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		Section B Mandatory questions Identify and explain • <i>shorter response in context</i> (4 marks) Discuss and evaluate • <i>extended response</i> (6 marks) Section B Mandatory questions Identify and describe • <i>shorter response in context</i> (4 marks)	• Manufacturing methods used for production of engineered parts • QA (quality assurance) and QC (quality control) in production • Production aids • Production of engineered products using CAD-CAM-CNC • Lean manufacturing • TIMWOODS categories of waste	• Describing using production aids for repeat manufacture to reduce waste • Quality assurance methods used in engineering • Scales of production • Unit costs for different scales of production • Nesting sheet materials to reduce waste • Advantages and disadvantages of CNC machines • Identify categories of waste • Explain the impact of waste on lean manufacturing and reducing waste • Describe how JIT is used to manage inventory and stock control	• Revise QA and QC examples and how used on a production line for manufacture of parts/components • Look at and record advantages and disadvantages of QA and QC • Ensure you are aware of different CNC machines used in production and can name common examples • Form your own opinion of CNC operations along with their advantages and disadvantages • Understand what CNC is and how this affects the consistency and scale of production • Record a minimum 3x positive and 3x negative discussion points for a balanced argument • Revise TIMWOODS categories of waste • Revise JIT (Just in Time) characteristics and how this lean manufacturing method is used to reduce waste, reduce storage of stock and increase stock turnover.
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		Discuss and evaluate • <i>extended response</i> (6 marks) Section B Mandatory questions Identify and describe • <i>shorter response in context</i> (10 marks)	• JIT (Just in Time) • Inventory management		
English Language	1 hr 45 mins	You will be given 1 fiction extract: you'll answer 4 Reading questions and 1 Writing question: Q1 – Comprehension: multiple choice (4 marks) Q2 – Language analysis (8 marks) Q3 – Structural analysis (8 marks)	• Understanding of an unseen extract from a fiction text, such as from a novel. • Knowledge of language methods and devices used by writers. • Knowledge of structural methods and devices used by writers. • Features, structure and conventions of writing to describe and entertain.	• Understanding what you have read. • Extracting information from a source. • Analysis of language. • Analysis of structure. • Drawing on a wide range of evidence to reach an informed conclusion. Justifying interpretation.	• Language Paper 1 revision materials and knowledge organiser for the paper • Individual class resources on Teams • Sample papers/questions from lessons • GCSE Pod videos and resources for Fiction Reading and Writing. • 'Mr Bruff' or 'Mr Salles' videos on YouTube – top tips for Language Paper 1.

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		Q4 – Evaluation of effects created (20 marks) Q5 –Creative Writing (40 marks)	Knowledge of genre, audience and purpose for writing fiction texts (for example, the language and structure used by authors for effect)	- Writing an engaging fiction piece using language and structural devices. - Ability to write in grammatically correct sentences and use punctuation, spelling and advanced vocabulary effectively.	BBC Bitesize – analysing fiction and conventions of fiction texts such as novels, novellas and short stories.
English Literature	1 hr 45 mins	One essay question on <i>A Christmas Carol</i> (30 marks) One essay question on <i>Macbeth</i> (30 marks+4 SPaG) For both questions, you will be given an extract and will need to link your ideas to elsewhere in the text.	For each text: - Plot, key characters and themes, including how they change across the text - Language and structure devices and the effects created - Key quotations for characters and themes (you will not be able to take your texts into the exams) - The contexts in which they were written – society and the writer’s ideas	- Understanding of characters and themes across the texts - Analysis of language and structure, in both the extracts and texts - Linking texts to their contexts and evaluating how the author has communicated their ideas	- Literature revision materials for key quotations, exam questions and exam answers - Re-read your ‘Macbeth’/‘A Christmas Carol’ texts - GCSE Pods on texts ‘Mr Bruff’ or ‘Mr Salles’ videos on YouTube for our texts - Individual class resources on Teams - Knowledge organisers - Listen to ‘A Christmas Carol’ as an audiobook on YouTube - Example questions from lessons
Paper 1 French Listening	45 mins – Higher 35 mins – Foundation	Questions in English Dictation	All GCSE modules	Listening and understanding	Online reading and listening tasks set by teacher Vocab lists Modules 1-5 CGP Revision Guide Quizlet App
Paper 3 French Reading	1 hr – Higher 45 mins - Foundation	Questions in English Translation into English	All GCSE modules	Reading and understanding	Online reading and listening tasks set by teacher Vocab lists Modules 1-5 CGP Revision Guide Quizlet App
Paper 4	1 hr 15 mins Higher	Higher: Translation	All GCSE modules studied so far. Tenses	Writing Translation into French	Questions and answers in best books or on cards

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French Writing	1 hr 10 mins Foundation	90 word question 150 word question Foundation: Picture description 50 word question Grammar task Translation into French 90 word question	Foundation: Revise basic tenses – present, perfect (past), near future (je vais + infinitive) Higher: As above but also simple future, imperfect, conditional		CGP revision book / Knowledge Organisers
GCSE Geography	Paper 1 1 hr 30 mins	A mix of multiple choice, short (1, 2 and 3 marks) Long answer questions (4, 6 and 9 marks).	Paper 1: - Natural Hazards - Tropical storms, Plate tectonics theory and distribution, Climate change - Living World - Ecosystems, food chain and nutrients , Tropical rainforests, Thar Desert Case Study - UK Landscapes. COASTS - Erosion and landforms, Weathering, Depositional landforms. RIVERS - Landforms, Flooding (Causes and impacts), Management techniques	- AO1: Demonstrate knowledge of locations, places, processes, environments and different scales. - AO2: Demonstrate geographical understanding of: concepts and how they are used in relation to places, environments and processes; the interrelationships between places, environments and processes. - AO3: Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues to make judgements.	- Teams: Full revision guide, resource booklets and lesson resources have been uploaded by teachers. - BBC Bitesize- AQA Geography - GCSE Pod - Exercise books - AQA GCSE Geography Podcast - CGP GCSE Geography Revision Guide
History	2 hrs	Germany: 1. How do the interpretations differ...? (4 Marks)	Germany: - Weimar Republic - Hitler's rise to power - Nazi Resistance - Nazi impact on German lives	Source analysis skills Contextual knowledge of the Germany and People and the Power courses	- Teams: Teachers have uploaded revision resources, summaries and checklists www.Kerboodle.com Pupils have access to online textbooks, tests and revision resources for all topics

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		2. Why do the interpretations differ...? (4 Marks) 3. Which interpretation is more convincing about...? (8 marks) 4. Describe two...? (4 Marks) 5. In what ways...? (8 Marks) 6. Which (bullet point is more significant/important...? (12 Marks) Power and the people: 1. How useful is Source A to an historian studying ...? (8 Marks) 2. Explain the significance...? (8 Marks) 3. Explain two ways in which _____ and _____ were similar ...? (8 marks) 4. Have _____, been the main factor in the development of _____? ...? (16 Marks + 4 SPaG)	Power and the people: 1. Second Barons War 2. English Civil War 3. Trade Unions 4. Women's Suffrage 5. Causes of all protests in each case study	• Explanation skills • Analysis and judgment skills	• Revision Session are running at Olney on Thursday after school • Revision sessions are running at Newport Pagnell on Friday lunchtime and Friday after school • Links to GCSE pod are on share point
Hospitality and Catering	1 hr 20 mins	Short answer Long answer	• Commercial / Non Commercial Establishments • Dress Code • Employment Contracts • Business Costs	• Explain and understanding of Hospitality & Catering Industry	• WJEC Revision book • All powerpoints on teams • Practice exam questions

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			• Technology used in H&C • Customer Service • H&S Training • HACCP • Allergens • Nutrients in Food • Food Safety • EHO		
Maths	3 x 1 hr 30 mins paper Paper 1 Non - calculator Paper 2 Calculator Paper 3 Calculator	A mixture of short answer questions, reasoning and problem solving	Foundation: Number • Addition and subtraction • Multiplication and division • Simplifying and ordering fractions • Place value • Rounding to 10s, 100s,... • Order of operations • Factors, multiples, primes • Calculation problems • Using a calculator • Fractions of an amount • Fraction, decimal and percentage equivalent • Square and cube numbers • Powers of 2, 3, 4, 5 and 10 • Calculation with negative numbers • Rounding to dp and sf	<i>Fluency</i> <i>Reasoning</i> <i>Problem Solving</i>	• All Powerpoints, videos, worksheets and answers are on SharePoint • Revision resources on SharePoint • Knowledge retrieval booklets • Revision guides • https://vle.mathswatch.co.uk/vle/ • www.mymaths.co.uk • https://www.century.tech/ • Maths Genie https://www.mathsgenie.co.uk/gcse.html • https://members.gcsepod.com/ • 1st Class Maths - Free online GCSE Maths Revision • onmaths The home of GCSE Maths

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- Error intervals for rounding and truncation
- Fraction calculations
- Estimating answers
- Use of standard form
- Rules of indices
- Prime factorisation
- HCF and LCM
- Calculation with standard form

Algebra

- Co ordinates
- Collecting like terms
- Writing expressions
- Solving one step equations
- Substitution
- Drawing straight line graphs from a table
- Types of sequence
- Solve multi step equations
- Inequalities
- Forming and solving equations
- Nth term of a linear sequence
- Expanding and factorising
- Understand and use identities
- Changing the subject of a formula
- Expanding and factorising quadratics

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			• Solving quadratics • Drawing quadratic graphs • Drawing other graphs • Simultaneous equations – algebraic and graphic methods • Midpoint of a line • Gradient of a line • Equation of a line Ratio & Proportion • Writing and simplifying ratio • Sharing ratio problems • Proportion • Exchange rates • Finding percentages of an amount • Percentage change • Best buy problem • Simple and compound interest • Real life graphs • Direct and inverse proportion • Reverse percentages • Standard form • Speed. Pressure, density and other compound measures • Distance time and speed time graphs Geometry		
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			• Time problems • Properties of special triangles and quadrilaterals • Measure lines • Angles – measuring and drawing • Basic angle rules • Areas of rectangles and triangles • Properties of 3D shapes • Scale drawings • Conversion between different units • Name parts of a circle • Area and circumference of circles • Transformations • Exterior and interior angles in polygons • Areas of trapezium • Areas of compound shapes • Pythagoras' theorem • Angles on parallel lines • Surface area Volume of a prism • Volume and surface area of cylinders • Loci and constructions • Find arc length and areas of sectors • Similar shapes • Trigonometry (SOHCAHTOA)		
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			• Exact trigonometric values • Vectors • Congruent triangles Probability • 0 to 1 probability scale • Systematic listing • Probability from equally likely events • Expected number • Relative frequency • Estimating probability • Venn diagrams • Probability tree diagrams Statistics • Pictograms • Frequency tables • Mean, median, mode and range • Bar charts • Pie chart • Averages from a frequency table • Frequency trees • Averages from grouped data • Two way tables • Scatter graphs • Time series data <u>Higher (foundation skills above plus...)</u>		
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			Number • <i>Recurring decimals to fractions</i> • <i>Fractional and negative indices</i> • <i>Surds</i> • <i>Using upper and lower bounds</i> • <i>Calculation with surds</i> Algebra • <i>Expanding triple brackets</i> • <i>Parallel and perpendicular lines</i> • <i>Inequalities on graphs</i> • <i>Factorising harder quadratics</i> • <i>Algebraic fractions</i> • <i>Rearranging harder formulae</i> • <i>Exponential graphs</i> • <i>Equation of a circle</i> • <i>Solve quadratics using the quadratic formula</i> • <i>Solve quadratic inequalities</i> • <i>Give solutions to inequalities in set notation</i> • <i>Linear and quadratic simultaneous equations</i> • <i>Transforming graphs</i> • <i>Algebraic proof</i>		
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			• <i>Completing the square</i> • <i>Nth term of a quadratic sequence</i> • <i>Equation of a tangent to circle</i> • <i>Find approximate solutions by iteration</i> Ratio & Proportion • <i>Repeated percentage change</i> • <i>Equations for direct and inverse proportion</i> • <i>Finding gradients of curved speed time graphs</i> • <i>Find and interpret areas under graphs</i> Geometry • <i>Enlargements with negative scale factors</i> • <i>Invariant points</i> • <i>Circle theorems</i> • <i>Areas and volumes of similar shapes</i> • <i>Trigonometric graphs</i> • <i>Sine rule</i> • <i>Cosine rule</i> • <i>Area of a triangle</i> • <i>3D Pythagoras and trigonometry</i> • <i>Geometric proof using angle rules</i>		
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			<i>Vector proof and reasoning</i> Probability <i>Conditional probability</i> Statistics <i>Box plots</i> <i>Cumulative frequency</i> <i>Histograms</i>		
Music	1 hr 30 mins	<u>Section A</u> Listening, unfamiliar music (68 marks) <u>Section B</u> Study pieces (28 marks)	<u>Section A</u> Western classical tradition 1650–1910 Popular music Traditional music Western classical tradition since 1910. <u>Section B</u> Study Pieces: Beethoven: Symphony No.1, Movement 1: Adagio molto – Allegro con brio Queen – the following three tracks: - Bohemian Rhapsody - The Seven Seas of Rhye - Love of my Life	<u>Section A</u> Listening Skills Melodic Dictation Rhythmic Dictation <u>Section B</u> Knowledge and understanding of: - the effect of audience, time and place on how the study pieces were created, developed and performed - how and why the music across the selected areas of study has changed over time - how the composer's purpose and intention for the study pieces is reflected in their use of musical elements - relevant musical vocabulary and terminology for the study pieces	Ousedale School SharePoint https://portal.focusonsound.com/ BBC Bitesize: AQA GCSE Music https://www.musictheory.net/ MAD-T-SHIRT Printed Resources Department SharePoint Revision/Listening Folder

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Religious Studies	1 hr 45 mins	<u>Paper 1 – Religious Beliefs and Teachings</u> There are 4 questions, each with 5 parts. 1 mark Multiple choice 1 mark Give one... - 1 simple point 4 marks Explain two... - Point / Explain x2 - For the Beliefs questions, focus on <u>influence</u> 6 marks Explain two... plus a teaching - Point / Explain x2 - Include a quote / teaching (with reference) explained 12 marks Statement – Evaluate... - 2 different viewpoints - Evaluation	<u>Q1 - Christian Beliefs</u> The nature of God The Trinity / Oneness of God Creation The Incarnation The crucifixion The resurrection and ascension Life after death Judgement, heaven and hell Sin Salvation <u>Q2 - Christian Practices</u> Worship Prayer Sacraments Baptism and Communion Pilgrimage Festivals The Church in the local community Mission and evangelism Church growth The Worldwide Church Persecution Poverty <u>Q3 - Muslim Beliefs</u> The Oneness of God The six articles (Sunni Islam) The five roots (Shi'a Islam) The nature of God Angels Predestination	AO1 – Description and explanation (Q1-4) AO2 – Evaluation (Q5) SPaG will be awarded on 12 mark questions for: • Christian Beliefs • Muslims Beliefs	Exercise books Revision sheets / Booklets Key Terms lists Revision books GCSE Pod
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		- Conclusion - PEDAL 3 marks for SPaG are awarded on 2 out of the 4 12 mark questions.	Life after death Prophethood The Imamate Holy Books <u>Q4 - Muslim Practices</u> The 5 Pillars The 10 Obligatory Acts Shahadah Salah Sawm Zakah Hajj Jihad Festivals – Id-ul-Adha, Id-ul-Fitr, Ashura		
Photography	5 hrs	Component One – Response Piece	<u>Component 1</u> Personal Investigation – Individual topics	All four Assessment Objectives AO1 – Contextual Understanding AO2 – Explore and Develop AO3 – Record and Reflect AO4 – Personal Outcomes	BBC Bitesize Photography: https://www.bbc.co.uk/bitesize/guides/zgwpnbk/revision/1
Physics	1 hr 45 mins	Multiple choice, short answer 1 and 2 mark questions. Long answer 4, 5 and 6 mark questions	Energy Electricity Radioactivity Particles Numeracy Required Practicals Equation sheet will be provided	Recall, Descriptions, explanations, evaluations, numeracy skills, practical skills, extended response.	Senecalearning.com GCSE bitesize CGP Revision guides AQA
Combined Science	3 x 1 hr 15 mins	Multiple choice, short answer 1 and 2 mark questions. Long answer 4, 5 and 6 mark questions	Biology: Cells biology, Organisation, Infection and response, Bioenergetics. Chemistry: Atomic structure and the periodic table, Bonding,	Recall, descriptions, explanations, evaluations, numeracy skills, practical skills, extended response.	Senecalearning.com GCSE bitesize CGP Revision guides AQA

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			Relative atomic mass, Chemical changes, Energy changes. Physics: Energy, Electricity, Particle model of matter, Radioactivity.		
Paper 1 Spanish Listening	50 mins – Higher 35 mins – Foundation	Questions in English Questions in Spanish	All GCSE modules	Listening and understanding	Online reading and listening tasks set by teacher Vocab lists Modules 1,2,3,4,5 CGP Revision Guide Quizlet App
Paper 2 Spanish Speaking	Higher 10-12 minutes plus 12 minutes preparation time Foundation 8-10 minutes plus 12 minutes preparation time	Role play Photo card discussion Conversation questions	All GCSE Modules studied so far: Modules 1,2,3,4,5	Speaking in the foreign language	All questions and answers in best/response books or on cards Yellow sheet with photo card and role play phrases CGP Revision Guide
Paper 3 Spanish Reading	1hr – Higher 45min - Foundation	Questions in English Questions in Spanish Translation into English	All GCSE modules	Reading and understanding	Online reading and listening tasks set by teacher Vocab lists Modules 1,2,3,4,5 CGP Revision Guide Quizlet App
Paper 4 Spanish Writing	Higher: 90 word question 150 word question Translation	All GCSE modules studied so far. Tenses Foundation: Revise basic tenses – present, preterite(past), near future (voy a)	Writing Translation into Spanish	Questions and answers in best books or on cards CGP revision book	Questions and answers in best books or on cards CGP revision book / Knowledge Organisers

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	Foundation : Picture description 50 word question Translation into Spanish Grammar task 90 word question	Higher: As above but also simple future, imperfect, conditional, perfect			
GCSE PE	1 hr (60 marks per paper) Each paper contributes 30% towards overall grade. Paper 1 = Anatomy and Physiology Paper 2 = Socio Cultural Influences	Mixture of short and Long-some multiple choice	Paper 1: - The structure and function of the skeletal system - The structure and function of the muscular system - Movement analysis (Levers, Planes & Axis) - The cardiovascular and respiratory systems - Effects of exercise on body systems - Components of fitness - Applying the principles of training - Preventing Injury Paper 2: - Engagement patterns of different social groups in physical activities and sports - Commercialisation of physical activity and sport	AO1- Demonstrate knowledge and understanding of the factors that underpin performance and involvement in physical activity and sport. AO2 Apply knowledge and understanding of the factors that underpin performance and involvement in physical activity and sport. AO3 Analyse and evaluate the factors that underpin performance and involvement in physical activity and sport.	BBC Bitesize OCR specification Revision PowerPoint on Teams Exam questions. You lesson notes in your books.

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			- Ethical and socio-cultural issues in physical activity and sport - Sports psychology - Health, fitness and well-being https://www.ocr.org.uk/Images/234822-specification-accredited-gcse-physical-education-j587.pdf		
OCR Sport Science	1 hr 15 mins 70 marks R180 contributes to 40% of overall grade.	Mixture of short and long questions. (One 8 mark question.)	- Different factors which influence the risk and severity of injury - Warm up and cool down routines - Different types and causes of sports injuries - Reducing risk, treatment and rehabilitation of sports injuries and medical conditions - Causes, symptoms and treatments of medical conditions. https://www.ocr.org.uk/Images/610952-specification-cambridge-nationals-sport-science-j828.pdf pg 17 onwards	PO1: Recall knowledge and show understanding of Sport Science concepts PO2: Apply knowledge and understanding of Sport Science concepts PO3: Analyse and evaluate knowledge, understanding and performance PO4: Demonstrate and apply sporting skills and processes relevant to Sport Science	EXAM PRACTICE ON TEAMS LESSON NOTES Teacher led resources.
OCR Health and Social Care	1 hour 15 mins 70 marks	Mixture of short and long questions One 8-mark question	Topic Area 1 The rights of service users in health and social care settings	PO1: Recall knowledge and show understanding	Exam practise Teacher led resources Lesson notes

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	Contributes to 40% of overall grade		• Topic Area 2 Person-centred values • Topic Area 3 Effective communication in health and social care settings • Topic Area 4 Protecting service users and service providers in health and social care settings Cambridge OCR Level 1/Level 2 Cambridge National in Health and Social Care specification J835 (Pg 17 onwards)	PO2: Apply knowledge and understanding PO3: Analyse and evaluate knowledge, understanding and performance	
Computer Science	Paper 1 1 hr	This paper consists of multiple-choice questions, short response questions and extended response questions.	• 1.1 Systems architecture • 1.2 Memory and storage • 1.3 Computer networks, connections and protocols	AO1 Demonstrate knowledge and understanding of the key concepts and principles of Computer Science. AO2 Apply knowledge and understanding of key concepts and principles of Computer Science. AO3 Analyse problems in computational terms: • to make reasoned judgements • to design, program, evaluate and refine solutions.	Revision Website https://bit.ly/GCSE_Revision_Site Purchased Revision Guides and materials Student Workbooks
Computer Science	Paper 2 1 hr	This paper consists of multiple-choice questions, short response questions and extended response questions.	• 2.1 Algorithms • 2.2 Programming fundamentals	AO1 Demonstrate knowledge and understanding of the key concepts and principles of Computer Science.	Revision Website bit.ly/GCSE_Revision_Site Purchased Revision Guides and materials Student Workbooks

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				AO2 Apply knowledge and understanding of key concepts and principles of Computer Science. AO3 Analyse problems in computational terms: • to make reasoned judgements • to design, program, evaluate and refine solutions.	
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