Subject	Duration	Style of Questions	Topics/Content Assessed	Skills Assessed	Useful resources
Art	5hrs	Component One – Mid Point Response Piece	Component 1 Personal Investigation – Individual topics.	All four Assessment Objectives  AO1 – Contextual Understanding AO2 – Explore and Develop	<ul> <li>BBC Bitesize GCSE Art</li> <li>Tate:         https://www.tate.org.uk/art/student-resource/exam-help     </li> </ul>
Dialogu	1 hour 45	Multiple phases about	Call Dialogy	AO3 – Record and Reflect AO4 – Personal Outcomes	Consolination
Biology	1 hour 45	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 Century Tech GCSEPod
GCSE Business	1hr 30	Combination of written and calculation questions; 1, 2, 3, 6, 9 and 12	Theme 1 Theme 1 Paper Market Mapping Interest rates Structure e.g. Private Limited companies Location Customer Needs Legislation Characteristics of Entrepreneurs Adding Value Break Even Sources of Finance Where do ideas come from?/Aims Cash Flow Market Research Government Support for Business 4 P's (Price, Product, Place, Promotion) Quantitative skills e.g. percentages	Knowledge – understanding of topics  Application – applying understanding of topics to specific business circumstances, or through calculations  Analysis – ability to explain or develop an argument  Evaluation – ability to weigh up competing arguments to arrive at a supported conclusion	GCSE Business Revision Companions Takingthebiz https://www.youtube.com/playlist?list=PLcWPAWkNloiCgswnO7tHJGrG FHuJRjeF  LCWPAWkNloiCgswnO7tHJGrG FHuJRjeF

Chemistry	1 hour 45	Multiple choice, short answer 1 and 2 mark questions. Long answer 4, 5 and 6 mark questions	Atomic Structure and the periodic table Bonding properties and properties of matter Quantitative Chemistry Chemical Changes Energy Changes Numeracy skills Required Practicals	Recall, Descriptions, explanations, evaluations, numeracy skills, practical skills, extended response.	Senecalearning.com GCSE bitesize CGP Revision guides AQA Century Tech GCSEPod
Computer Science Paper 1	1 hr	Written Exam	Paper 1 Storage Software Networks System Architecture Memory Algorithms	Knowledge of theory covered. Ability to read/write algorithms	Revision website: Http://www.bit.ly/GCSE Revision Site  GCSE Pod Paper 1  Notes made on Google Classroom.  CraigNDave videos on Youtube
Computer Science Paper 2	1hr	Written Exam	Paper 2 Data Representation Algorithms Programming Constructs Computational Logic Number Base Conversion ASCII	Knowledge of theory covered. Ability to read/write algorithms	Revision website:  Http://www.bit.ly/GCSE Revision Site  GCSE Pod Paper 2  Notes made on Google Classroom.  CraigNDave videos on Youtube
GCSE Design Technology	2hrs	Multiple Choice	Core Technical Principles	Select the correct answer from a list of four	<ul> <li>Electronic systems</li> <li>Forces</li> <li>Materials</li> <li>Production methods</li> </ul>

Name and state	Properties of materials	Explain the different properties of materials	<ul> <li>Looking at the properties of natural fibres</li> <li>Looking at the properties of card and boards</li> <li>Looking at the different properties of materials in your subject specialism area</li> </ul>
Explain	<ul> <li>Renewable energy</li> <li>Anthropometrics</li> <li>Re-designing</li> <li>Modelling</li> </ul>	<ul> <li>Explain different aspects of renewable energy</li> <li>Explain what anthropometrics are</li> <li>Explain why products could be redesigned</li> <li>Explain why we model</li> </ul>	<ul> <li>Ensure you are aware of different renewable energy sources, its benefits, and increased usage.</li> <li>Form your own opinion of different energy sources along with their advantages and disadvantages</li> <li>Understand what anthropometrics are and why they are important</li> <li>Consider different anthropometric measurements are</li> <li>Know different modelling materials and why designs create models of their work</li> </ul>
Numeracy	<ul> <li>Renewable energy</li> <li>Percentages</li> <li>Pie charts</li> <li>Tessellation</li> <li>Wastage</li> </ul>	<ul> <li>Ratio's</li> <li>Calculate different percentages</li> <li>Accurately divide up a pie chart</li> <li>Tessellate a given shape into a specified area</li> <li>Calculate wastage of a given shape</li> </ul>	<ul> <li>Revise ratio's</li> <li>Practice working out how different amounts can add up to different percentages</li> <li>Using a protractor to divide up different pie charts into different percentages</li> <li>Understand what tessellation is and how to make the best use of space</li> <li>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</li> </ul>

Basic notes and sketches	<ul> <li>Stock Forms and primary sources</li> <li>Production methods</li> </ul>	<ul> <li>Write notes and draw basic sketches on different stock forms and where they come from</li> <li>Write notes and draw basic sketches on industrial processes</li> </ul>	<ul> <li>Look up the different stock forms of your focussed material area and identify its origin. Be aware of where it comes from and how it is created.</li> <li>From your specialist material area research different industrial processes</li> </ul>
Describe	<ul> <li>Strengthening materials</li> <li>Production methods</li> <li>Specification of different items</li> </ul>	<ul> <li>Describe how different materials could be strengthened</li> <li>Describe why a certain manufacturing method may be used</li> <li>Improve products</li> </ul>	<ul> <li>From your subject specialism revise how those materials could be strengthened or reinforced</li> <li>Again from your specialism, research different production methods and how they can be produced</li> <li>How a product with a given specification can be improved</li> </ul>
Evaluate	<ul> <li>Impact on society</li> <li>Specification of different items</li> </ul>	<ul> <li>Evaluate the impact on society materials have</li> <li>Evaluate the advantages and disadvantages of certain aspects of products against a given specification</li> </ul>	<ul> <li>Research the materials in your own subject specialism and identify the impact they have on society and the environment</li> <li>Learn how to record down advantages and disadvantages of the same products</li> </ul>
Drawing	3rd angle orthographic projection	Take part of a drawn product and fill in the missing sides	<ul> <li>Look at isometric drawings and recreate in 3<sup>rd</sup> angle</li> <li>Look at 3<sup>rd</sup> angle drawings and recreate in isometric</li> </ul>

Drama	1hr 45	Performer/director/ Designer 1 How would you perform the role of in this extract? (4 marks)  2 How would you perform the role of in this extract? (6 marks)  3 How would you use as a director (9 marks)  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)  5 As a designer how would you bring this scene to life using a specified design element? (14 marks)	D and A play text by Dennis Kelly Themes and issues – peer pressure, bullying and anti-social behaviour	Page to stage knowledge Understanding of the full text Understanding of the role of the performer, director and designer	<ul> <li>D and A revision guide</li> <li>Class notes</li> <li>Exemplar material</li> <li>Material on google classroom</li> </ul>
		Explain live theatre question on Life of Pi (6 marks)	Your live theatre notes	knowledge Understanding of the full play Understanding of the set, costume, lighting, acting.	Revision booklet on Life of Pi Live theatre notes Exemplar material Practice questions

		Evaluate live theatre question on Life of Pi (9 marks)			
OCR Engineering Manufacture	1 hour 15 mins	Section A • multiple choice 10x compulsory questions	<ul> <li>Metal types, uses and classifications</li> <li>Polymer types, uses and classifications</li> <li>Drawing standards and abbreviations</li> <li>Tolerances</li> <li>Scales of production (one-off, batch, mass, continuous)</li> <li>Material properties (mechanical and physical)</li> <li>Forming processes</li> <li>Joining processes</li> </ul>	Select the correct answer from a list of four	<ul> <li>Tests a range of knowledge from across the unit content</li> <li>Looking at the types, uses and classifications of metal and polymer materials</li> <li>Looking at drawing standards and abbreviations for orthographic projection</li> <li>Recognising and calculating tolerances and dimensions</li> <li>Looking at different scales of production and their characteristics that link to products manufactured using each scale</li> <li>Looking at properties of materials, their meaning and application in engineered products</li> <li>Looking at processes to form polymers (strip heating, vacuum forming, injection molding)</li> <li>Looking at permanent and temporary methods for joining metals (Brazing, welding, riveting, standard fixings/fastenings)</li> </ul>
		Section B Mandatory questions Identify and describe • short answer • closed response	Machining operations	<ul> <li>Naming the parts of a machine</li> <li>Identifying milling operations and techniques</li> <li>Describing the three axes movement</li> <li>Describing safety checks and dangers to prevent accident on a milling machine</li> </ul>	<ul> <li>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</li> </ul>

Section B Mandatory questions Identify and explain • short answer	Properties of materials	Identifying properties of materials and explaining their suitability for use in a given engineered product	Looking at properties of materials (mechanical and physical) and explaining their suitability for use in engineered products; composites and polymers
Section B Mandatory questions Identify and describe  • shorter response in context	<ul> <li>Hand wasting processes</li> <li>Machine wasting processes</li> <li>Joining processes</li> <li>Surface finishing processes</li> <li>Forms of supply (material forms)</li> </ul>	<ul> <li>Identify and describe hand wasting processes</li> <li>Identify and describe CNC wasting processes</li> <li>Identify and describe methods for joining metals permanently</li> <li>Describing surface finishes for use on metal products</li> </ul>	<ul> <li>Revise hand wasting processes using tools and equipment and why the processes are suitable (sawing, shearing, threading and tapping)</li> <li>Revise CNC wasting processes and why the processes are suitable (turning on a lathe)</li> <li>Revise permanent methods for joining metal materials and why the processes are suitable (brazing, welding, riveting)</li> <li>Revise surface finishes used on metal materials and why the processes are suitable (plastic dip coating, anodising, electroplating, galvanising, black oxide)</li> </ul>
Section B Mandatory questions Identify and explain	<ul> <li>Interpreting engineering drawings</li> <li>Forms of supply (material forms)</li> </ul>	<ul> <li>Identifying material forms for use in engineered products</li> </ul>	<ul> <li>Look at material forms that are used in the manufacture of products and justify their suitability (bar, sheet, rod)</li> <li>Looking at hand methods for manufacture that are suitable for specific</li> </ul>

• shorter response in context	Quality checks/assurance used in manufacture     Hand tools for manufacture of product features     JIT (Just in Time)     CAM	<ul> <li>Explaining how features can be manufactured in engineered products</li> <li>Identifying and explaining quality control checks for consistency during hand manufacture</li> <li>Explaining (JIT)</li> <li>Identify and describe the impact of CAM in production of engineered parts</li> </ul>	forms of material and justifying reasons why (sawing, shearing, drilling, filing)  • Looking at inspection tools and equipment and explaining how they are used to check specific features and tolerances in engineered products (vernier callipers, go-no-go gauges, radius gauges)  • Revising different techniques used for QA and QC in production (dimensional inspection, visual inspection, sampling)  • Revise JIT and the main characteristics  • Revise CAM and it's use in manufacturing engineered parts and the impact this has on a workforce (changing from manual operations to CAM in production)
Section B Mandatory questions  Evaluate  • shorter response in context	QA (quality assurance) and QC (quality control) in production	<ul> <li>The difference between quality assurance (QA) and quality control (QC)</li> <li>Advantages and disadvantages</li> </ul>	<ul> <li>Revise QA and QC examples and how used on a production line for manufacture of parts/components</li> <li>Look at and record advantages and disadvantages of QA and QC</li> </ul>
Section B Mandatory questions Discuss and evaluate	<ul> <li>Production of engineered parts/components using manual machines and CNC machines</li> </ul>	<ul> <li>Advantages and disadvantages of manual machines</li> </ul>	<ul> <li>Ensure you are aware of different manually controlled machines and CNC machines used in production</li> <li>Form your own opinion of manual operations compared to CNC operations</li> </ul>

		• extended response		<ul> <li>Advantages and disadvantages of CNC machines</li> <li>Changes that affect production</li> </ul>	<ul> <li>along with their advantages and disadvantages</li> <li>Understand what CNC is and how implementing this affects production of engineered parts/components</li> <li>Record a minimum 3x positive and 3x negative discussion points for a balanced argument</li> </ul>
English Language	1 hr 45 mins	You will be given 2 non-fiction extracts, and will answer 4 Reading questions and 1 Writing question:  Q1 – True or false (4 marks) Q2 – Summary and synthesis (8 marks) Q3 – Analysis of language (12 marks) Q4 – Comparison of viewpoints (16 marks) Q5 –Writing to argue (40 marks)	<ul> <li>Understanding of unseen extracts from non-fiction texts, such as an autobiography, article or letter</li> <li>Knowledge of language methods and devices</li> <li>Features, structure and conventions of writing to argue</li> <li>Knowledge of genre, audience and purpose for non-fiction texts (for example, the language and structure required in a newspaper article)</li> </ul>	<ul> <li>Understanding what you have read</li> <li>Extracting information</li> <li>Summarising information from 2 sources and using inference to work out what they tell you</li> <li>Analysis of language</li> <li>Comparison of writers' viewpoints</li> <li>Writing a convincing argument</li> </ul>	<ul> <li>Language Paper 2 revision booklet with knowledge organiser for the paper</li> <li>Individual class resources on Teams</li> <li>Sample papers/questions from lessons</li> <li>GCSE Pod videos and resources for Non-Fiction Reading and Writing</li> <li>'Mr Bruff' or 'Mr Salles' videos on Youtube – top tips for Language Paper 2</li> <li>BBC Bitesize – analysing non-fiction and conventions of non-fiction texts such as articles, speeches and letters</li> </ul>
English Literature	1 hr 45 mins	One essay question on A Christmas Carol (30 marks)  One essay question on Macbeth (30 marks+4 SPaG)  For both questions, you will be given an extract and will need to link to elsewhere in the text	<ul> <li>For each text:</li> <li>Plot, key characters and themes, including how they change across the text</li> <li>Language and structure devices and the effects created</li> <li>Key quotations for characters and themes (you will not be able to take your texts into the exams)</li> </ul>	<ul> <li>Understanding of characters and themes across the texts</li> <li>Analysis of language and structure, in both the extracts and texts</li> <li>Linking texts to their contexts and evaluating how the author has communicated their ideas</li> </ul>	<ul> <li>Literature revision booklet for key quotations, exam questions and exam answers</li> <li>Re-read your Macbeth/A Christmas Carol texts</li> <li>GCSE Pods on texts</li> <li>'Mr Bruff' or 'Mr Salles' videos on Youtube for our texts</li> <li>Individual class resources on Teams</li> <li>Knowledge organisers</li> </ul>

GCSE Food Preparation and Nutrition	1 hour 45 mins	Multiple Choice	The contexts in which they were written – society and the writer's ideas  Core Food Principles Basic health, safety and hygiene practices in a kitchen The functions of specific vitamins and minerals Food science and defining key words used eg. gelatinisation, emulsification, etc. Key temperatures used in milk processing	Select the correct     answer from a list of     four	<ul> <li>Listen to A Christmas Carol as an audiobook on Youtube</li> <li>Example questions from lessons</li> <li>Create revision cards or mind maps on the specific topics</li> <li>Create knowledge organisers on each topics</li> <li>Create leaflets or posters</li> <li>Put post it-notes around your room</li> <li>Ask your family to test your knowledge with quick fire questions from your revision cards</li> <li>Use the online textbook</li> <li>These are the details for the online textbook</li> </ul>
		Short response questions 3 - 6 marks	<ul> <li>Food provenance and food choice including religion, food testing and allergens</li> <li>Health, safety and hygiene: Give specific examples of how to store, cook and prepare food safely.         Be able to explain the process of food production.</li> <li>Nutrition: Focus on proteins, carbohydrates,</li> <li>Food Science: Cooking methods, heat transfer</li> <li>Food provenance: Seasonality, food choices, fair trade</li> </ul>	<ul> <li>State</li> <li>Define</li> <li>Give specific examples</li> <li>Explain</li> <li>Give functions</li> <li>Give advantages and disadvantages</li> <li>Evaluate</li> <li>Explain</li> <li>Justify</li> <li>Give reasons</li> <li>Conclude</li> </ul>	<ul> <li>SENECA learning modules, this will assist you with the multiple choice and short response questions</li> <li>Complete example exam questions, these can be found in the online textbook at the end of modules or ask your teacher for a pack.</li> </ul>

		Long answer questions 8 - 12 marks	<ul> <li>Food production: processes</li> <li>Nutrition: nutritional values</li> <li>Nutrition: Unbalanced diet and health issues related to a specific dish</li> <li>Diet and age: looking at the specific things that people need from different age groups</li> <li>Food Science: Understanding the function of ingredients in specific dishes. Identifying key issues in dishes and offer solutions.</li> </ul>	For the longer answer questions it is essential that you can evaluate (discuss in detail). You must make sure you conclude your answers. Give specific examples.	
Paper 1 French Listening	50 mins – Higher 35 mins – Foundation	Questions in English Questions in French	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 2 French Speaking (Examined wb 12.11)	Higher 10-12 minutes plus 12 minutes preparation time Foundation 8-10 minutes plus 12	Role play Photo card discussion Conversation questions	All GCSE Modules studied so far: Modules 1-5	Speaking in the foreign language	All questions and answers in best books or on cards Lime sheet with photo card and role play phrases CGP Revision Guide

Paper 3 French Reading	minutes preparation time  1hr – Higher 45min - Foundation	Questions in English Questions in French 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 French Writing	1hr 15 – Higher 1hr – Foundation	Higher: 90 word question 150 word question Translation Foundation: Picture description 40 word question Translation into French 90 word question	All GCSE modules studied so far.  Tenses  Foundation: Revise basic tenses  – present, perfect (past), near future (je vais + infinitive)  Higher: As above but also simple future, imperfect, conditional	Writing Translation into French	Questions and answers in best books or on cards CGP revision book / Knowledge Organisers
GCSE Geography	Paper 1 – 1hr 30 minutes Paper 2- 1hr 30 minutes	A mix of multiple choice, short and long answer questions.	<ul> <li>Paper 1:         <ul> <li>Natural Hazards - Tropical storms, Plate tectonics theory and distribution, Climate change</li> <li>Living World - Ecosystems, food chain and nutrients, Tropical rainforests, Thar Desert Case Study</li> <li>UK Landscapes. COASTS - Erosion and landforms, Weathering, Depositional landforms. RIVERS - Landforms, Flooding (Causes and impacts), Management techniques</li> </ul> </li> </ul>	<ul> <li>AO1: Demonstrate knowledge of locations, places, processes, environments and different scales.</li> <li>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.</li> <li>AO3: Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues to make judgements.</li> </ul>	<ul> <li>Teams: Full revision guide, resource booklets and lesson resources have been uploaded by teachers.</li> <li>Session 6</li> <li>BBC Bitesize- AQA Geography</li> <li>GCSE Pod</li> <li>CGP Revision Guides AQA</li> </ul>

			Urban Challenges -     Megacities, Rio, Bristol,     Sustainable urban living     Resource Management -     Resources in the UK, Water     management (Methods for     increasing supply), Physical     and human fieldwork		
History	2 hours	<ol> <li>Germany</li> <li>How do the interpretations differ? (4 Marks)</li> <li>Why do the interpretations differ? (4 Marks)</li> <li>Which interpretation is more convincing about? (8 marks)</li> <li>Describe two? (4 Marks)</li> <li>In what ways? (8 Marks)</li> <li>Which (bullet point is more significant/important? (12 Marks)</li> <li>Cold War in Asia</li> <li>Source A showsHow do you know? (4 marks)</li> <li>How useful are the sources about? (12 marks)</li> </ol>	Germany:  Workers in Nazi Germany Hitler's rise to power The Depression Weimar Germany  Cold War in Asia: US involvement in Korea Tet Offensive Geneva Agreement Public opinion - Vietnam	<ul> <li>Contextual knowledge of the Germany and Cold War in Asia courses</li> <li>Explanation skills</li> <li>Analysis and judgment skills</li> </ul>	<ul> <li>Teams: Teachers have uploaded revision resources, summaries and checklists</li> <li>www.Kerboodle.com         Pupils have access to online textbooks, tests and revision resources for all topics     </li> <li>Revision Session are running at Olney on Thursday after school</li> <li>Revision sessions are running at Newport Pagnell on Friday lunchtime and Friday after school</li> </ul>

		<ul><li>3. Write an account of? (8 marks)</li><li>4. "factor was the most important". How far do you agree? (16 Marks)</li></ul>			
Hospitality and Catering	1hr 30mins	True/False Short answer Long answer	<ul> <li>Food Storage /Laws</li> <li>Job Roles</li> <li>Event Planning</li> <li>Complaint Handling</li> <li>The Environmental Health Officer (EHO)</li> <li>Food Poisoning Bacteria</li> <li>Food Allergy's</li> <li>HACCP</li> <li>Risk Assessments</li> <li>Customer service</li> <li>RIDDOR</li> </ul>	Explain and     understanding of     Hospitality & Catering     Industry	<ul> <li>WJEC REvision book</li> <li>All powerpoints on google classroom</li> <li>Practise exam questions</li> </ul>
Maths	3 x 1hr 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	Fluency Reasoning Problem Solving	<ul> <li>All powerpoints, videos, worksheets and answers are on sharepoint</li> <li>Revision resources on sharepoint</li> <li>Knowledge retrieval booklets</li> <li>Revision guides</li> <li>https://vle.mathswatch.co.uk/vle/</li> <li>www.mymaths.co.uk</li> <li>https://www.century.tech/</li> <li>Dr Frost – Higher         <ul> <li>https://www.drfrostmaths.com/courses.php?coid=1005</li> </ul> </li> <li>Dr Frost – Foundation         <ul> <li>https://www.drfrostmaths.com/courses.php?coid=1006</li> </ul> </li> <li>Maths Genie         <ul> <li>https://www.mathsgenie.co.uk/gcse.htm</li> <li>l</li> </ul> </li> </ul>

Fraction, decimal and     https://members.gcsepod.com/
percentage equivalent
Square and cube
numbers
• Powers of 2, 3, 4,, 5 and
10
Calculation with
negative numbers
Rounding to dp and sf
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
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
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
different units
Name parts of a circle
Area and circumference
of circles
Transformations
Exterior and interior
angles in polygons
Areas of trapezium
<ul> <li>Conversion between different units</li> <li>Name parts of a circle</li> <li>Area and circumference of circles</li> <li>Transformations</li> <li>Exterior and interior angles in polygons</li> <li>Areas of trapezium</li> <li>Areas of compound shapes</li> <li>Pythagoras' theorem</li> <li>Angles on parallel lines</li> <li>Surface area Volume of a prism</li> </ul>

Loci and constructions     Find arc length and areas of sectors     Similar shapes     Trigonometry (SOHCAHTOA)     Exact trigonometric values     Vectors     Congruent triangles  Probability      O 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
Higher (foundation skills
above plus)
Number
Number
Recurring decimals to
fractions
Fractional and negative
indices
• Surds
Using upper and lower , , , , , , , , , , , , , , , , , , ,
bounds
Calculation with surds
Algebra
Aigebra
Expanding triple
brackets
Parallel and
perpendicular lines
Inequalities on graphs
Factorising harder
quadratics
Algebraic fractions
Rearranging harder
formulae
Exponential graphs
Equation of a circle
Solve quadratics using
the quadratic formula
Solve quadratic
inequalities

<ul> <li>Give solutions to inequalities in set notation</li> <li>Linear and quadratic simultaneous equations</li> <li>Transforming graphs</li> <li>Algebraic proof</li> <li>Completing the square</li> <li>Nth term of a quadratic sequence</li> <li>Equation of a tangent to circle</li> <li>Find approximate solutions by iteration</li> <li>Ratio &amp; Proportion</li> <li>Repeated percentage change</li> <li>Equations for direct and inverse proportion</li> <li>Finding gradients of curved speed time graphs</li> <li>Find and interpret areas under graphs</li> </ul>
Geometry  • Enlargements with negative scale factors • Invariant points • Circle theorems • Areas and volumes of similar shapes • Trigonometric graphs • Sine rule • Cosine rule

			<ul> <li>Area of a triangle</li> <li>3D Pythagoras and trigonometry</li> <li>Geometric proof using angle rules</li> <li>Vector proof and reasoning</li> <li>Probability         <ul> <li>Conditional probability</li> </ul> </li> <li>Statistics         <ul> <li>Box plots</li> <li>Cumulative frequency</li> <li>Histograms</li> </ul> </li> </ul>		
Music	1 hr 30	Section A Listening, unfamiliar	Section A Western classical tradition	Section A Listening Skills	Ousedale School SharePoint <a href="https://portal.focusonsound.com/">https://portal.focusonsound.com/</a>
		music	1650–1910	Melodic Dictation	BBC Bitesize: AQA GCSE Music
		(68 marks)	Popular music	Rhythmic Dictation	https://www.musictheory.net/
			Traditional music	Section B	MAD-T-SHIRT Printed Resources
		Section B	Western classical tradition since	Knowledge and understanding	Department Revision Guide
		Study pieces	1910.	of:	
		(28 marks)	Section B	the effect of audience, time	
			Study Pieces:	and place on how the study	
			Mozart: Clarinet Concerto,	pieces were created, developed	
			Movement 3 (Rondo)k. 622 Paul Simon:	<ul><li>and performed</li><li>how and why the music across</li></ul>	
			Graceland	the selected areas of study has	
			Graceland	changed over time	
			Diamonds on the Soles of Her	• how the composer's purpose	
			Shoes	and intention for the study	
			You Can Call Me Al	pieces is reflected in their use of	
				musical elements	

			relevant musical vocabulary and terminology for the study pieces	
PER (Religious Studies)	There will be 4 lots of a/b/c/d/ questions:  Part a) - State / Outline three This will require 3 simple sentences. NO bullet points are to be used. (3)  Part b) - Explain two This will require two points explained / developed. (4)  Part c) - Explain two Refer to a source of wisdom and authority. This will require two points explained referencing a source of wisdom and authority (teachings/quotations) (5)  Part d) - Statement / Evaluation question This will require arguments for and against, evaluation of the argument and a justified conclusion (12)	Christian Beliefs The Trinity Creation The Incarnation Last Days of Jesus' life Salvation Christian Eschatology The problem of evil Solutions to the problem of evil  Marriage and the Family Marriage Sexual Relationships Families Support for families Contraception Divorce Equality of men and women in the family Gender prejudice and discrimination  Muslim Beliefs The six Beliefs The five roots of 'Usul ad-Din The nature of Allah Risalah (prophet hood) Muslim Holy Books Malaikah (angels) Al-Qadr (predestination) Akhirah (afterlife)	AO1 – Description and explanation (parts a, b and c)  AO2 – Evaluation (part d)  SPaG will be awarded on part d questions for:  Christian Beliefs Muslims Beliefs	Exercise books Revision sheets Key Terms lists Revision books Revision workbooks / practice questions GCSE Pod

		3 marks for SPaG are awarded on 2 out of the 4 part d)s.	Crime and Punishment Justice Crime Good, evil and suffering in Islam Punishment Aims of Punishment Forgiveness The Treatment of Criminals The Death Penalty		
Photography	5hrs	Component One – Mid Point Response Piece	Component 1 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/zgwp nbk/revision/1
Physics	1 hour 45	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 Century Tech GCSEPod
Combined Science	3 x 1hour and 15	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, Relative atomic mass, Chemical changes, Energy changes.  Physics: Energy, Electricity, Particle model of matter, Radioactivity.	Recall, descriptions, explanations, evaluations, numeracy skills, practical skills, extended response.	Senecalearning.com GCSE bitesize CGP Revision guides AQA Century Tech GCSEPod

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 (Examined wb 12.11)	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 Foundation: Picture description 40 word question Translation into Spanish 90 word question	All GCSE modules studied so far.  Tenses  Foundation: Revise basic tenses – present, preterite(past), near future (voy a)  Higher: As above but also simple future, imperfect, conditional, perfect	Writing Translation into Spanish	Questions and answers in best books or on cards CGP revision book	Higher: 90 word question 150 word question Translation Foundation: Picture description 40 word question Translation into Spanish 90 word question

GCSE PE	60 min	Mixture of short and Long-	Paper 1:	A01- Demonstrate knowledge	BBC Bitesize
(sports	(60 marks	some multiple choice	Engagement patterns of	and understanding of the factors	OCR specification
studies)	per paper)	'	different social groups in	that underpin performance and	Revision PowerPoint on Teams
,			physical activities and sports	involvement in physical activity	Exam questions.
	Paper 1 =		Commercialisation of	and sport.	You lesson notes in your books.
	Socio-		physical activity and sport	·	,
	cultural		Ethical and socio-cultural	AO2 Apply knowledge and	
	D2		issues in physical activity	understanding of the factors	
	Paper 2 = Anatomy and		and sport	that underpin performance and	
	Physiology		Sports psychology	involvement in physical activity	
	Tilysiology		Health, fitness and well-	and sport.	
			being	·	
			20118	AO3 Analyse and evaluate the	
			Paper 2:	factors that underpin	
				performance and involvement in	
			The structure and function	physical activity and sport.	
			of the skeletal system		
			The structure and function		
			of the muscular system		
			<ul> <li>Movement analysis (Levers,</li> </ul>		
			Planes & Axis)		
			The cardiovascular and		
			respiratory systems		
			Effects of exercise on body		
			systems		
			Components of fitness		
			Applying the principles of		
			training		
			Warm-up and Cool-down		
			variii ap alia cool aowii		
			https://www.ocr.org.uk/Images/		
			234822-specification-accredited-		
			gcse-physical-education-		
			j587.pdf		