

Key Stage 3 - Year 7 Curriculum

Term 2 - 4th January 2021 to 1st April 2021

Subject	Term 2- Topics covered	Resources e.g. Main textbook, Kerboodle, Google Classroom etc
RE	<p><u>Spring 1</u> The Epiphany (1 lesson) Signs of Catholic Identity: (6 lessons)</p> <ul style="list-style-type: none"> ● Catholic Signs and Symbols ● The Seven Sacraments ● Sacraments of Initiation ● Sacraments of Vocation ● Sacraments of Healing ● End of Unit Assessment <p><u>Spring 2</u> Hinduism: (7 lessons)</p> <ul style="list-style-type: none"> ● What is Hinduism? ● What do Hindus believe? ● Hindu gods and goddesses ● Hindu Wedding Ritual ● Hindu festival - Diwali ● Mahatma Gandhi <p>Holy Week and Easter (2 lessons)</p>	<p>PowerPoint presentation for lesson YouTube clips throughout Bible - reference to Scripture Catechism of the Catholic Church Resources uploaded to Google Classroom for exam preparation Guidance in Exam Practice Assessment Tracker and Grade Boundaries</p> <p>PowerPoint Presentation for each lesson Activity worksheets Rangoli Designs - Art Project YouTube clips throughout Homework via Google Classroom Reference to Hindu religious books - such as Vedas</p>
<p>Art (Part of Ar, Pg, Ca & Cs carousel)</p>	<p>Art: A visual language. TC#1 Artists make marks, drawing our attention TC#3 Art has its own vocabulary, shaped across space and time Formal Elements Mark and Tone Visual Language</p>	<p>Sketchbook Knowledge organiser Google Classroom</p>
Drama	<p>Darkwood Manor Our day out- Script by Willy Russell</p>	<p>All resources to support student understanding are uploaded to individual google classrooms.</p>

Computing (Part of Ar, Pg, Ca & Cs carousel)	Students complete workbook covering the basics of computer hardware and software	Booklet
English	Students complete a new unit before February half term: Introduction to Poetry Their second unit to be completed will be either <i>Frankenstein</i> (playscript) or <i>Woman in Black</i> (novel) - resource will rotate after Easter so both unit will be completed by all students Students will also continue with weekly writing challenges	<ul style="list-style-type: none"> ● <i>English Department Poetry Anthology/Booklet</i> ● <i>Frankenstein</i> by Mary Shelley, adapted by Philip Pullman ● <i>Woman in Black</i> by Susan Hill ● <i>200 Word Challenge PowerPoint</i> ● Seneca ● Oak National Academy Note: anthologies will be provided
Food (Part of Ar, Pg, Ca & Cs carousel)	Student complete booklet in rotation	Booklet Seneca Food fact of life Food matter Food4life Future Food
French Studio 1 textbook	Module 1 – C’est perso <i>Talking about likes and dislikes</i> <i>Talking about your survival kit</i> <i>Describing yourself</i> <i>Talking about other people</i> <i>Describing a musician</i> Module 2 – Mon collègue <i>Talking about school subjects</i> <i>Giving opinions and reasons</i> <i>Describing your timetable</i> <i>Describing your school day</i> <i>Talking about food</i> <i>Schools in other French-speaking countries</i>	Google classroom Active Learn Key homework/extension booklets Studio 1 textbook

<p>Geography</p>	<p>GLOBAL DEVELOPMENT What is development What is uneven development Reducing impact of poverty Top down vs Bottom up Should the rich help out Fairtrade Globalisation Why are clothes made in different countries Made in China Production chains Globalisation mystery Is Globalisation a good thing</p>	<p>Shared drive for all resources/ power points etc Ks3 textbook Seneca Google classroom</p>
<p>History</p>	<p><u>Religion and revolt</u> Thomas Becket King John and Magna Carta The Black Death The Peasants' Revolt</p>	<p>Textbooks Google classroom PowerPoint presentations for each lesson Kerboodle activities</p>
<p>Maths</p>	<p>UNIT 5: FRACTIONS & PERCENTAGES</p> <ul style="list-style-type: none"> ▪ Comparing fractions ▪ Simplifying fractions ▪ Fractions and decimals ▪ Percentages of amounts <p>UNIT 6: PROBABILITY</p> <ul style="list-style-type: none"> ▪ Language of probability ▪ Calculating probability ▪ Experimental probability ▪ Expected Outcomes <p>FEBRUARY HALF TERM</p> <p>UNIT 7: RATIO AND PROPORTION</p> <ul style="list-style-type: none"> ▪ Direct proportion ▪ Writing ratios ▪ Using ratios ▪ Ratios, proportions and fractions ▪ Proportions and percentages 	<p>Pearson Maths Progress Textbooks : Support Book (1) - Foundation Sets (7Ma4 & 7Ma8) Core Book (1) - Intermediate Sets (7Ma2,7Ma3, 7Ma6&7Ma7) Depth Book (1) - Higher Sets (7Ma1 & 7Ma5)</p> <p>Hegartymaths (students have personalised login and passwords) Dr Frost Maths (students have personalised login and passwords) My maths : Login : palmer Password : square</p>

Music	Ukulele Rhythm and Pulse The Orchestra The Elements of Music	Google Classroom Sheet music PowerPoint presentations + worksheets
Photography (Part of Ar, Pg, Ca & Cs carousel)	Typophoto, an exploration of type in photography. TC#1 Photography has many genres, some new, old and borrowed TC#3 Photography crosses different disciplines both in theory and practice. Camera function Visual elements	Sketchbook Knowledge organiser Google Classroom
Science	2.1 Potential Difference 2.2 Resistance 3.1 Energy 3.2 Energy Transfer 5.2 Separating Mixtures 7.1 Earth's Structure	Kerboodle scheme of work -pupils have an individual login-if they forget it they should email their teacher Institution code: qr8 Pupils have online access to the textbook used in lessons as well as powerpoints, worksheets and podcasts
Spanish Viva 1 textbooks	<i>Módulo 2 – Mi tiempo libre</i> <i>Unidad 1 pp. 30–31</i> <i>¿Qué te gusta hacer?</i> <i>Unidad 2pp. 32–33</i> <i>¿Cantas karaoke?</i> <i>Unidad 3pp. 34–35</i> <i>¿Qué haces cuando llueve?</i> <i>Unidad 4pp. 36–37</i> <i>¿Qué deporte haces?</i> <i>Unidad 5pp. 38–39</i> <i>¿Eres fanático?</i> <i>Unidad 6pp. 40–41</i> <i>¿Qué haces en tu tiempo</i>	Google classroom ActiveLearn Vocabulary booklet Key homework booklet
Physical Education	Students on a carousel of activities, 5/6 lessons on each of the following; Dance, Football, Netball, Badminton	Activity specific equipment

Key Stage 3 - Year 8 Curriculum

Term 2 - 4th January 2021 to 1st April 2021

Subject	Term 2- Topics covered	Resources e.g. Main textbook, Kerboodle, Google Classroom etc
RE	<p><u>Spring 1</u> The Epiphany (1 lesson) Is all life of value? (6 lessons)</p> <ul style="list-style-type: none"> ● Sanctity of Life ● Slavery (2 lessons) ● The Holocaust (2 lessons) ● The death penalty ● End of Unit Assessment <p><u>Spring 2</u> Judaism: (7 lessons)</p> <ul style="list-style-type: none"> ● Origin of Judaism ● The Torah ● Shabbat ● Jewish Festival - Chanukah ● The Synagogue ● The Mitzvot ● Modern Judaism 	<p>PowerPoint for each lesson YouTube clips throughout Bible - reference to scripture Discussion in class (debate) Resources from Holocaust Memorial Trust Mark scheme and feedback for End of Unit Assessment</p> <p>PowerPoint presentation for each lesson YouTube clips throughout Bible - reference to the Torah (Old Testament) Information and activity worksheets Signs and Symbols Art Project Reference to BBC Bitesize for videos and information on Judaism</p>
<p>Art (Part of Ar, Pg, Ca & Cs carousel)</p>	<p>Fantasy and Surreal TC#3 Art has its own vocabulary, shaped across space and time TC#4 Artists use (and abuse) traditions TC#5 Artist play with ideas and materials and failure</p>	<p>Sketchbook Knowledge organiser Google Classroom</p>
<p>Drama</p>	<p>SparkleShark - Script Recap- performance Techniques</p>	<p>All resources to support student understanding are uploaded to individual google classrooms.</p>
<p>Computing (Part of Ar, Pg, Ca & Cs carousel)</p>	<p>Students complete workbook covering the basics of computer hardware and software</p>	<p>Booklet</p>

<p>English</p>	<p>Students read and study the novel <i>Fahrenheit 451</i> before complete a short story unit on exploring cultural identity Students will also continue with weekly writing challenges</p>	<ul style="list-style-type: none"> ● <i>Fahrenheit 451</i> by Ray Bradbury ● <i>Cultural Identities Short Stories Anthology</i> ● <i>200 Word Challenges PowerPoint</i> ● Seneca <p>Note: anthologies will be provided</p>
<p>Food (Part of Ar, Pg, Ca & Cs carousel)</p>	<p>Food Safety Health and safety in the kitchen Hygiene & Pathogen Eatwell Plate Cultural food</p>	<p>Booklet Seneca Food fact of life Food matter Food4life Future Food</p>
<p>French Expo 2 Vert textbooks</p>	<p>Module 1 – T’es branché(e)? Talking about television programmes The present tense of <i>-er</i> verbs Talking about films The present tense of <i>avoir</i> and <i>être</i> Talking about reading <i>-ir</i> and <i>-re</i> verbs Talking about the internet <i>aller</i> and <i>faire</i> Talking about what you did yesterday evening The perfect tense</p> <p>Module 2 – Paris, je t’adore! Saying what you can do in Paris The perfect tense of regular verbs</p> <p>Saying when you did things The perfect tense of irregular verbs Understanding information about a tourist attraction Saying where you went and how The perfect tense with <i>être</i></p>	<p>Expo 2 textbooks Key homework/extension booklet Google classroom worksheets</p>
<p>Physical Education</p>	<p>Students on a carousel of activities, ½ lessons on each of the following; Dance, Football, Netball, Badminton</p>	<p>Activity specific equipment</p>

<p>Geography</p>	<p>Weather and global warming Weather elements Weather forecasts Why does it rain Greenhouse effect Global warming- Causes Global warming- Effects Reducing impacts of global warming Hurricane causes Hurricane Katrina Heat waves</p>	<p>Shared drive for all resources/ power points etc Ks3 textbook Seneca Google classroom</p>
<p>Maths</p>	<p>UNIT 5: REAL LIFE GRAPHS</p> <ul style="list-style-type: none"> ▪ Conversion graphs ▪ Distance time graphs ▪ Line graphs ▪ Real life graphs ▪ Curved graphs <p>UNIT 6: DECIMALS AND RATIO</p> <ul style="list-style-type: none"> ▪ Ordering decimals and rounding ▪ Place value calculations ▪ Calculations with decimals ▪ Ratio and proportion with decimals <p>FEBRUARY HALF TERM</p> <p>UNIT 7: LINES AND ANGLES</p> <ul style="list-style-type: none"> ▪ Quadrilaterals ▪ Alternate angles and proof ▪ Angles in parallel lines ▪ Exterior and interior angles ▪ Solving geometric problems <p>UNIT 8: CALCULATIONS WITH FRACTIONS</p> <ul style="list-style-type: none"> ▪ Ordering fractions ▪ Adding , subtracting, multiplying and dividing fractions ▪ Calculating with mixed numbers 	<p>Pearson Maths Progress Textbooks : Support Book (2) - Foundation Sets (8Ma4 & 8Ma8) Core Book (2) - Intermediate Sets (8Ma2, 8Ma3, 8Ma6 & 8Ma7) Depth Book (2) - Higher Sets (8Ma1 & 8Ma5)</p> <p>Hegartymaths (students have personalised login and passwords) Dr Frost Maths (students have personalised login and passwords) My maths : Login : palmer Password : square</p>
<p>Music</p>	<p>Ukulele Advanced Chords Musical Futures ICT - Garageband</p>	<p>Google Classroom Sheet music PowerPoint presentations + worksheets Software</p>

History	CHA - THE GREAT WAR, 1914-1918 <ul style="list-style-type: none"> - Recruitment and conscription - The Western Front - The Home Front MAL - LEGACY OF EMPIRE <ul style="list-style-type: none"> - The British Empire - Triangular slave trade - Mughal India and the British Raj 	
Photography (Part of Ar, Pg, Ca & Cs carousel)	Environmental awareness TC#8 Photographs consist of formal and visual elements and have their own 'grammar'. TC#5 Photographs are abstractions created by technology TC#9 Photographs are not neutral; they are susceptible to the abuse of power.	Sketchbook Knowledge organiser Google Classroom
Science	9.3 Respiration 9.4 Photosynthesis 1.3 Contact Forces 1.4 Pressure 2.3 Magnetism 3.3 Work 6.3 Types of Reactions 6.4 Chemical Energy	Kerboodle scheme of work -pupils have an individual login-if they forget it they should email their teacher Institution code: qr8 Pupils have online access to the textbook used in lessons as well as powerpoints, worksheets
Spanish Viva 3 verde textbooks	Módulo 2: ¡Oriéntate! (GCSE theme: Current and future study and employment) <ul style="list-style-type: none"> ● <i>Unidad 1 pp. 30–31 Hotel Desastre</i> ● <i>Unidad 2 pp. 32–33 ¿En qué te gustaría trabajar?</i> ● <i>Unidad 3 pp. 34–35 ¿Qué tal ayer en el trabajo?</i> ● <i>Unidad 4 pp. 36–37 ¿Cómo es un día típico?</i> ● <i>Unidad 5 pp. 38–39 Mi diccionario y yo</i> ● <i>Zona Lectura pp. 40-41</i> 	Google classroom Activelearn Vocabulary booklet Key homework/extension booklet Worksheets

Key Stage 4 - Year 9 Curriculum

Term 2 - 4th January 2021 to 1st April 2021

Subject	Term 2 - Topics covered	Resources e.g. Main textbook, Exam board, Kerboodle, Seneca etc
RE	Jewish Beliefs and Teachings 7.1 The Almighty 7.2 The Shekhinah 7.3 The Messiah 7.4 The Covenant at Sinai 7.5 The Covenant of Abraham 7.6 The Sanctity of Life 7.7 Moral Principles and the Mitzvot 7.8 Life after death	<ul style="list-style-type: none"> ● Edexcel Exam Board Specification A ● Faith and Practice in the 21st Century Textbook ,Viktor Watton ● Kerboodle- Catholic Christianity ,Andy Lewis ● Seneca
Art (GCSE option)	Visual Communication: Collections TC#3 Art has its own vocabulary, shaped across space and time TC#4 Artists use (and abuse) traditions TC#5 Artist play with ideas and materials and failure	Sketchbook Knowledge organiser Course Booklet Google Classroom
Business Studies (GCSE option)	1.5 Stakeholders in business 1.6 Business growth 2.1 The role of marketing 2.2 Market research 2.3 Market segmentation	OCR exam board Textbook Booklets All teaching and learning resources used in the course are available in Google classroom
Computer Science (GCSE option)	Data representation: Units of storage, Binary conversions, Hex Logic Diagrams & Truth Tables Impacts of data technology: Ethical Cultural	OCR exam board Python exercises in Google classroom Textbook

	<p>Environmental Legislation Legislation How to write essays Exam questions Revision of Logic Revision of Binary</p>	
Digital Information Technology (GCSE option)	<p>Data level protection: firewalls and anti-virus software [Component 3, Prevention and management of threats to data; Data level protection]</p> <p>Data level protection: device hardening and encryption [Component 3, Prevention and management of threats to data; Data level protection]</p> <p>Data level protection: firewalls and anti-virus software [Component 3, Prevention and management of threats to data; Data level protection]</p> <p>Data level protection: device hardening and encryption [Component 3, Prevention and management of threats to data; Data level protection]</p>	<p>Edexcel BTEC Exam board Booklets All teaching and learning resources used in the course are available in Google classroom</p>
Drama (GCSE option)	<p>Blood Brothers Script by Willy Russell Paper 2- script in performance Exam practice</p>	<ul style="list-style-type: none"> ● Edexcel GCSE(9-1) Drama ● Book by Melissa Jones Phil Cleaves ● Drama revision guide ● Book by Person
English	<p>Students will study a range of extracts from Victorian Novels that focus on the theme of childhood. After half term they will begin to study Shakespeare's <i>Merchant of Venice</i> Student will also have one lesson per fortnight focusing on writing skills in preparation for their English Language GCSE</p>	<ul style="list-style-type: none"> ● <i>Merchant of Venice</i> by William Shakespeare ● <i>Victorian Extracts Anthology</i> ● Seneca <p>Note: anthologies will be provided</p>

<p>Food (GCSE option)</p>	<p>Unit 02 Understanding food</p> <p>Food choices.</p> <p>Unit 03 Exploring balanced diets (exams)</p>	<p>AQA Exam Board: GCSE Food Preparation and Nutrition (8585)</p> <p>https://www.aqa.org.uk/subjects/food/gcse/food-preparation-and-nutrition-8585/teaching-resource</p> <p>https://www.ifst.org/lovefoodlovescience/resources/k54-design-and-technology</p> <p>Booklet</p> <p>Seneca</p> <p>Food fact of life</p>
<p>French (GCSE option) Studio AQA GCSE <u>Foundation</u></p>	<p>Module 2 – <i>Le temps de loisirs</i> (Identity and culture)</p> <p>Revising technology, films and TV</p> <p>Talking about sport</p> <p>Using <i>depuis</i> + the present tense</p> <p>Talking about your life online</p> <p>Using the comparative</p> <p>Talking about books and reading</p> <p>More practice of the imperfect tense</p> <p>Talking about television programmes</p> <p>Using direct object pronouns (<i>le, la, les</i>)</p> <p>Module 3 – <i>Jour ordinaires, jours de fête</i> (Identity and culture)</p> <p>Talking about actors and films</p> <p>Using superlative adjectives</p> <p>An opportunity for students to work on their Reading and Listening skills.</p>	<p>Textbook-Studio AQA foundation</p> <p>Google classroom</p> <p>Active learn</p> <p>Grammar booklet</p> <p>Exam practice booklet</p> <p>worksheet</p>
<p>Geography (GCSE option)</p>	<p>Spring 1</p> <p><u>Context: Challenges of an urbanising World</u></p> <p>What are the causes and challenges of rapid urban change?</p> <p>Skills:</p> <p>Interpretation of line graphs and calculating of rate of change/annual or decadal percentage of growth</p> <p>Analysing satellite images to identify different land use zones in urban areas</p>	<p>Pearson Textbook</p> <p>Self made resources in the form of handouts</p> <p>Seneca</p> <p>GCSE Pod</p> <p>Google Classroom</p> <p>Paper 1 Revision Summaries</p>

	<p>Spring 2 <u>Context: Challenges of an urbanising World</u> Why does quality of life vary so much within ONE megacity in a developing country?</p> <p>Skills: Investigate spatial growth by using GIS/satellite images, historic images and maps</p> <p>Judging the scale of variations in quality of life by using quantitative and qualitative information</p>	
<p>History (GCSE option)</p>	<p>CRIME AND PUNISHMENT IN THE INDUSTRIAL PERIOD, 1700-1900</p> <ul style="list-style-type: none"> - Factors that affected crime and punishment in the 17th and 18th century - Poaching and Smuggling - Highway Robbery - Tolpuddle Martyrs - End of the Bloody Code - Transportation - Prisons - Law Enforcement (Thief Takers, Bow Street Runners, Metropolitan Police) <p>CRIME AND PUNISHMENT IN THE 20TH CENTURY</p> <ul style="list-style-type: none"> - Conscientious Objectors in the First and Second World Wars - Changes in policing - Changes in punishment (prisons, youth offenders, electronic tagging) - Derek Bentley and the Abolition of the Death Penalty 	<p>Hodder Textbook Pearson Textbook Hodder Dynamic Learning Website GCSE Pod</p>
<p>Maths</p>	<p>Chapter 7 - Working in 2D including; Measuring lengths and angles, Area of 2D shapes and Transformations</p> <p>Chapter 8 - Probability including Probability experiments, Expected outcomes (Foundation only) Theoretical probability and Mutually exclusive events</p>	<p>Kerboodle textbook Dr Frost Maths Hegarty Maths</p>

	<p>Chapter 9 -Measures and Accuracy including Estimation and approximation, Calculator methods and Measures and accuracy</p> <p>Chapter 10 - Equations and Inequalities including Solving linear equations, Quadratic equations, Simultaneous equations, Approximate solutions (Higher only) and Inequalities</p>	
Media (GCSE option)	<p>Key concepts:</p> <ul style="list-style-type: none"> - Media Language: the tools of analysis - Audience - Narrative <p>Mock coursework project which introduces (when in media room):</p> <ul style="list-style-type: none"> - pre-production systems - production (photography & photoshop). 	<p>Students have been recommended text books but not obligatory</p> <p>Google shared class folder on drive and google classroom</p> <p>Exercise books</p>
PE (GCSE option)	<p>Chapter 1.2 - Physical Training</p> <p>Strength Power Flexibility Agility Balance Co-ordination Reaction Time</p> <p>Chapter 1.2 - Physical Training</p> <p>Principles of Training PoT: Specificity PoT: Overload PoT: Progression PoT: Reversibility Optimising training: FITT Types of training Warming up Cooling Down Preventing Injury</p>	<p>OCR exam board</p> <p>Google Classrooms- lesson resources added and tasks set</p> <p>Seneca</p> <p>GCP revision books</p> <p>Pearson text books used in lesson</p> <p>GCSE Bitesize revision</p>

Psychology (GCSE option)	Memory Key concepts in memory Theories and explanations of memory Types of forgetting Key study on MSM by Wilson et al Reconstructive Memory (Braun et al) Applications and techniques for recall	Students have all been issued with a course textbook Google shared class folder on drive and google classroom OCR GCSE Examination specification and assessment resources online
Science	Chemistry (in order of teaching) C1 Atomic Structure C10 Chemical Analysis C11 The Earth's Atmosphere C2 Periodic Table C9 Crude Oil C12 The Earths Resources Maths Skills (from Kerboodle Textbook)	Kerboodle Textbook AQA GCSE Combined Science Chemistry Seneca Google Classroom
Spanish <u>Textbook Viva AQA Foundation</u>	<i>Módulo 4: Intereses e influencias</i> (GCSE theme : Identity and culture) <i>Módulo 5: Ciudades</i> (GCSE theme : Local, national, international and global areas of interest)	Textbook Viva AQA Foundation Textbook Viva AQA <u>Foundation</u> Google classroom Active teach Writing booklet Speaking booklet Extension Worksheets

Key Stage 4 - Year 10 Curriculum

Term 2 - 4th January 2021 to 1st April 2021

Subject	Term 2- Topics covered	Resources e.g. Main textbook, Exam board, Kerboodle, Seneca etc
RE	Catholic Practices 2.1 The Sacramental nature of reality 2.2 Liturgical Worship 2.3 The funeral rite 2.4 Prayer 2.5 Forms of Popular piety 2.6 Pilgrimage 2.7 Catholic Social Teaching 2.8 Catholic Mission and Evangelism	<ul style="list-style-type: none"> ● Edexcel Exam Board Specification A ● Faith and Practice in the 21st Century Textbook ,Viktor Watton ● Kerboodle- Catholic Christianity ,Andy Lewis ● Seneca
Art (GCSE option)	Food in Art obesity, excess and consumerism traditional and contemporary examples of food in art history 2d/3d artwork	Sketchbook Knowledge organiser Course Booklet Google Classroom
Business Studies (GCSE option)	3.2 Organisational structures and different ways of working 3.3 Communication in business 3.4 Recruitment and selection 3.5 Motivation and retention	OCR exam board Textbook Booklets All teaching and learning resources used in the course are available in Google classroom
Computer Science (GCSE option)	Data representation: Units of storage, Binary conversions, Hex Logic Diagrams & Truth Tables Impacts of data technology:	OCR exam board Textbook All teaching and learning resources used in the course are available in Google classroom

	<p>Ethical Cultural Environmental Legislation Legislation How to write essays Exam questions Revision of Logic Revision of Binary</p>	
<p>Digital Information Technology (GCSE option)</p>	<p>Maintenance, set up and performance considerations [Component 3, A1, Modern technologies, Implications for organisations when choosing cloud technologies]</p> <p>Students could reflect on what they covered in Component 1, B1 Project planning techniques. Students should reflect on the use of modern technologies and their impacts on being able to manage projects to meet project requirements. Collaborative technologies [Component 3, A2, Impact of modern technologies. How modern technologies can be used to manage modern teams]</p> <p>Students could reflect on what they covered in Component 1, B1 Project planning techniques. Students should reflect on how collaborative technologies can be used to manage projects.</p> <p>Using modern technology when managing teams: communication and collaboration [Component 3, A2, Impact of modern technologies. How modern technologies can be used to manage modern teams]</p> <p>Students could reflect on what they covered in Component 1, B1 Project planning techniques. Students should reflect on how modern technologies can be used to manage projects.</p>	<p>Edexcel BTEC Exam board Booklets All teaching and learning resources used in the course are available in Google classroom</p>

	Using modern technology when managing teams: scheduling and planning [Component 3, A2, Impact of modern technologies. How modern technologies can be used to manage modern teams]	
Drama (GCSE option)	Unit 2- Exam practice Monologue and Duologue performance Devising- portfolio practice unit 1	<ul style="list-style-type: none"> ● Edexcel GCSE(9-1) Drama Book by Melissa Jones Phil Cleaves ● Drama revision guide Book by Person ● GCSE Drama An inspector calls- The play guide book by CGP
English	English Literature: Students will read and study the play <i>Romeo and Juliet</i> by William Shakespeare. Students will then move onto a unit focused on the Unseen Poetry aspect of their Literature exam. English Language: Students will study and practice how to approach English Language Paper 2 (Non-Fiction) - all questions	<ul style="list-style-type: none"> ● AQA Exam Board: GCSE English Literature https://www.aqa.org.uk/subjects/english/gcse/english-literature-8702 ● AQA GCSE English Language https://www.aqa.org.uk/subjects/english/gcse/english-language-8700 ● <i>Romeo and Juliet</i> by William Shakespeare ● Seneca <p>Note: Literature texts will be provided</p>
Food (GCSE option)		<p>AQA Exam Board: GCSE Food Preparation and Nutrition (8585)</p> <p>https://www.aqa.org.uk/subjects/food/gcse/food-preparation-and-nutrition-8585/teaching-resource</p> <p>https://www.ifst.org/lovefoodlovescience/resources/k-s4-design-and-technology</p> <p>Food Fact of Life Seneca</p>
French (GCSE option) Textbook Studio AQA <u>Higher</u>	Module 2 – <i>Le temps de loisirs</i> (GCSE theme: Identity and culture) Module 3 – <i>Jour ordinaires, jours de fête</i> (GCSE theme: Identity and culture)	Textbook- Studio AQA Higher Active learn Google classroom Revision booklet Reading booklet Pixl Grammar booklet Speaking booklet

<p>Geography (GCSE option)</p>	<p>Spring 1 <u>Context: The UK's evolving human landscape</u> Why are places and people changing in the UK? How is ONE major UK city changing?</p> <p><u>Skills:</u> Interpretation of UK population pyramids from different time periods Explaining census data sets to understand changes to the UK's population Investigating FDI and immigration to the UK using Eurostat.</p> <p>Spring 2 <u>Context: The UK's evolving human landscape</u> Why are places and people changing in the UK? How is ONE major UK city changing?</p> <p><u>Skills:</u> Designing questions that are capable of being investigated through fieldwork Comparing areas within inner cities using census data sets Investigating different land use types using OS maps Investigating the extent of inner-city problems using crime and IMD databases</p>	<p>Pearson Textbook Self made resources in the form of handouts Seneca GCSE Pod Paper 2 Revision Summaries</p>
<p>Spanish</p>	<p><i>Módulo 3: Mi gente (GCSE theme: Identity and culture)</i></p> <p><i>Módulo 4 Intereses e influencias (Theme: Identity and culture)</i></p>	<p>Google classroom Activelearn Writing revision booklets Speaking revision and practice booklets Worksheets Textbooks -Viva AQA <u>Higher</u></p>

<p>History (GCSE option)</p>	<p>EARLY ELIZABETHAN ENGLAND, 1558-1588 Unit 2: Challenges to Elizabeth at home and abroad</p> <ul style="list-style-type: none"> - The threat of Mary, Queen of Scots and her execution, 1587 - The Revolt of the Northern Earls, 1569 - Catholics Plots in the 1570s and 1580s - The causes of the Spanish Armada - The reasons for the defeat of the Armada <p>Unit 3: Voyages of Exploration and Discovery</p> <ul style="list-style-type: none"> - Education and leisure - Poverty - Drake's circumnavigation of the world - Raleigh and Virginia <p>THE COLD WAR, 1941-1991</p> <ul style="list-style-type: none"> - The Origins of the Cold War, 1941-1949 (Yalta and Potsdam conferences, Iron Curtain speech, Kennan and Novikov Telegrams, Truman Doctrine, Marshall Aid, Soviet takeover of eastern Europe, COMECON and COMINFORM, Berlin Crisis, 1948-49, NATO) 	<p>Hodder Textbook Pearson Textbook Hodder Dynamic Learning Website GCSE Pod Oak National Academy</p>
<p>Maths</p>	<p>Chapter 15 - Working in 3D including 3D Shapes, Volume of a prism and Volume and surface area Chapter 16 - Handling Data 2 including Frequency diagrams, Averages and spread, Box plots and cumulative frequency graphs (Higher only), Scatter graphs and correlation and Time series. Chapter 17 - Calculations 2 including Calculating with roots and indices, Exact calculations and Standard form.</p>	<p>Kerboodle textbook Dr Frost Maths Hegarty maths</p>
<p>Media (GCSE option)</p>	<p>In depth introduction to exam - in relation to above and practice questions. Film Industry Case Studies (textual analysis only):</p> <ul style="list-style-type: none"> - The Man with the Golden Gun (hist.) - Spectre (recent) <p>Magazine Case Studies:</p> <ul style="list-style-type: none"> - Pride - GQ 	<p>Students have been recommended text books but not obligatory</p> <p>Google shared class folder on drive and google classroom</p> <p>Exercise books</p>

Music (GCSE option)		Eduqas textbook Revision booklets Google Classroom PowerPoints + worksheets Audio files Performance recordings Sibelius
PE (GCSE option)	Fitness Interim Testing Advanced & Core skills in carousel of activities including; Gymnastics, Badminton, Athletics, Hockey Interform developing skills in communication, teamwork , fairplay. Focusing on healthy lifestyles and lifelong love of Physical activity	OCR exam board Google Classrooms- lesson resources added and tasks set Seneca GCP revision books Pearson text books used in lesson GCSE Bitesize revision
Psychology (GCSE option)	Sleep and Dreaming The functions, features and benefits of sleep The neuropsychology of sleep Theories of dreaming Freudian theory of dreaming (Wolfman study) Activation Synthesis Theory of dreaming (Williams) Development and Treatments of Insomnia Exam practice	Students have all been issued with a course textbook Google shared class folder on drive and google classroom OCR GCSE Examination specification and assessment resources online
Science	Biology Teacher 1 B15 Adaptation, interdependence, and competition (8 Lessons) B16 Organising Ecosystem (3 lessons) B17 Biodiversity and Ecosystems (9 lessons) B9 Respiration (4 lessons) Teacher 2 B6 Preventing and Treating Disease B7 Non-Communicable Disease B8 Photosynthesis (4 Lessons)	Kerboodle Textbook AQA GCSE Combined Science Biology Seneca Google Classroom

Key Stage 4 - Year 11 Curriculum

Term 2 - 4th January 2021 to 1st April 2021

Subject	Term 2- Topics covered	Resources e.g. Main textbook, Exam board, Kerboodle, Seneca etc
RE	Philosophy 3.1.4 Religious Experiences 3.1.5 The Design Argument 3.1.6 The Cosmological Argument 3.7 .1 The Existence of Suffering Ethics 3.2.1 Marriage 3.2.2 Sexual Relationships 3.2.3 The Family 3.2.4 Support for the family 3.2.5 Family Planning 3.2.6 Divorce, annulment and marriage 3.2.7 Equality of men and women in the family. 3.2.8 Gender prejudice and discrimination	<ul style="list-style-type: none"> ● Edexcel Exam Board Specification A ● Faith and Practice in the 21st Century Textbook, Viktor Watton ● Kerboodle- Catholic Christianity ,Andy Lewis ● Seneca
Art (GCSE option)	Food in Art obesity, excess and consumerism traditional and contemporary examples of food in art history 2d/3d artwork	Sketchbook Knowledge organiser Course Booklet Google Classroom
Business Studies (GCSE option)	4.1 Production processes 4.2 Quality of goods and services 4.3 The sales process and customer service 4.4 Consumer law 4.5 Business location 4.6 Working with suppliers	OCR exam board Textbook Booklets All teaching and learning resources used in the course are available in Google classroom
Computer Science (GCSE option)	Data representation: Units of storage, Binary conversions, Hex Logic Diagrams & Truth Tables	OCR exam board Textbook All teaching and learning resources used in the course

	<p>Impacts of data technology: Ethical Cultural Environmental Legislation Legislation How to write essays Exam questions Revision of Logic Revision of Binary</p>	are available in Google classroom
Drama (NCFE Performance skills)	<p>Unit 2 - Synoptic project preparation Performance (Devising) Completion of portfolio evidence for Assessment</p>	<p>All resources to support student understanding are uploaded to individual google classrooms. Past papers, mark schemes and lesson resources have all been uploaded to google classroom.</p>
English	<p>English Literature: Students will finish studying their chosen novel: either <i>Strange Case of Dr Jekyll and Mr Hyde</i> or <i>A Christmas Carol</i>. Students will then complete a unit on how to approach the unseen poetry section of their examinations Once this is completed all new content has been covered and students will move onto revision for the summer exams</p> <p>English Language: Students continue to revise for both English Language Paper 1 (Fiction) and Paper 2 (Non-Fiction) - all questions</p>	<ul style="list-style-type: none"> ● AQA Exam Board: GCSE English Literature https://www.aqa.org.uk/subjects/english/gcse/english-literature-8702 ● AQA GCSE English Language https://www.aqa.org.uk/subjects/english/gcse/english-language-8700 ● Either <i>Strange Case of Dr Jekyll and Mr Hyde</i> by Robert Louis Stevenson or <i>A Christmas Carol</i> by Charles Dickens ● Seneca <p>Note: Literature texts will be provided</p>
Food (GCSE option)		<p>Workbook Coursework Google classroom</p>
French (GCSE option) Textbook -Studio AQA-<u>Higher</u>	<p>Studio AQA Higher Module 7 – Bon travail! (GCSE theme: Current and future study and employment)</p> <p>Module 8 – Un œil sur le monde (GCSE theme: Local, national, international and global areas of interest)</p>	<p>Textbook-Studio AQA higher Active learn Google classroom Pixl grammar booklets Speaking booklets Revision booklets Reading practice booklets</p>

<p>Geography (GCSE option)</p>	<p>Spring 1 <u>Context: People and the biosphere</u> Why is the biosphere so important to human wellbeing and how do humans use and modify it to obtain resources? What are the threats to forest biomes and how can they be reduced?</p> <p><u>Skills:</u> Comparing climate graphs for different biomes /Location on world maps global biomes Interpreting line graphs showing the range of future global population projections, and population in relation to likely available resources Debating and reasoning skills</p> <p><u>Context: Forests under threat</u> What are the threats to forest biomes and how can they be reduced?</p> <p><u>Skills:</u> Interpreting nutrient cycle diagrams and food web diagrams Identifying the pattern of forest loss using GIS Debating and reasoning skills</p> <p>Spring 2 <u>Context: Consuming energy resources</u></p> <p>How can the growing demand for energy be met without serious environmental consequences?</p> <p><u>Skills:</u> Interpreting the world maps showing the distribution of energy resources Explaining oil price and oil production data to graph trends over time. Calculating carbon and Ecological footprints. Debating and reasoning skills</p>	<p>Pearson Textbook Self made resources in the form of handouts Seneca GCSE Pod Paper 3 Revision Summaries</p>
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History (GCSE option)	<p>WEIMAR AND NAZI GERMANY, 1919-1939</p> <p>Unit 2: Hitler's Rise to Power, 1919-1933</p> <ul style="list-style-type: none"> - The early development of the Nazi Party (1920s) - The Munich Putsch and the lean years - The growth in the support for the Nazis, 1929-1933 - How Hitler became Chancellor <p>Unit 3: Nazi Control and Dictatorship, 1933-34</p> <ul style="list-style-type: none"> - The creation of a dictatorship - The police state - Controlling and influencing attitudes - Opposition, resistance and conformity <p>Unit 4: Life in Nazi Germany, 1933-39</p> <ul style="list-style-type: none"> - The Nazis and the Church - The Nazis and the Young - The Nazis and Work/Living Standards - The Nazis and the persecution of Jews and minorities 	<p>Hodder Textbook Pearson Textbook Hodder Dynamic Learning Website GCSE Pod Oak National Academy</p>
Maths	<u>Revision of previous topics and Practise Exam Papers</u>	
Media (GCSE option)	<ul style="list-style-type: none"> - Completing final drafts of coursework - Component 2: Understanding Media Forms and Products - Crime Drama - Luther (current) - The Sweeney (Hist.) 	<p>Students have been recommended text books to purchase but not obligatory</p> <p>Google shared class folder and google drive</p> <p>Exercise books/ folders</p> <p>Masterclasses (coursework based/ interventions)</p>
Music (GCSE option)	<p>Recap - AOS 1 & 2</p> <p>Thorough revision techniques exploring key terms</p> <p>Film Music - 10 mark question (analysis and development of the requirements and techniques when answering this question).</p> <p>Compositions work to be completed by Feb half term.</p> <p>Solo performance (Mock performance Jan 2021)</p>	<p>Google Classroom</p> <p>PowerPoints + worksheets</p> <p>Performance audio recordings</p> <p>Eduqas textbooks</p> <p>Music software Sibelius</p>

<p>PE (GCSE option)</p>	<p>Fitness Interim Testing</p> <p>Advanced & Core skills in carousel of activities including; Gymnastics, Badminton, Athletics, Hockey</p> <p>Interform developing skills in communication, teamwork , fairplay.</p> <p>Focusing on healthy lifestyles and lifelong love of Physical activity.</p>	<p>OCR exam board</p> <p>Google Classrooms- lesson resources added and tasks set</p> <p>Seneca</p> <p>GCP revision books</p> <p>Pearson text books used in lesson</p> <p>GCSE Bitesize revision</p>
<p>Photography (GCSE option)</p>	<p>'The culture of our capital; the place we call home.' <i>Alternative narratives. Re-appropriation. In/Out. Home Journey. Exchange. Social Mobility. Personal Intentions.</i></p> <p>TC #1 Photography has many genres, some of which are borrowed</p> <p>TC#4 Photography is an art of selection rather than invention</p> <p>TC#7 The meanings of photographs are never fixed, context is everything.</p> <p>TC#8 Photographs consist of formal and visual elements and have their own 'grammar'.</p> <p>TC#9 Photographs are not neutral; they are susceptible to the abuse of power.</p>	<p>Sketchbook</p> <p>Knowledge organiser</p> <p>Course Booklet</p> <p>Google Classroom</p> <p>Online portfolio</p> <p>Photoshop</p>
<p>Psychology (GCSE option)</p>	<p>Criminal Psychology</p> <p>Defining criminal behaviour</p> <p>Explanations of criminal and anti-social behaviour</p> <p>Key study on Social Learning by Cooper et al</p> <p>Eysenck's criminal personality theories</p> <p>Key study by Heaven et al</p> <p>The effects of punishment in reducing crime</p> <p>The role of rehabilitation</p> <p>Exam practice</p>	<p>Students have all been issued with a course textbook</p> <p>Google shared class folder on drive and google classroom</p> <p>OCR GCSE Examination specification and assessment resources online</p>

<p>Science</p>	<p>Physics in Spring 1 P11 Waves P12 EM Spectrum 13 Electromagnetism</p> <p>Biology in Spring 2 B12 Reproduction B13 Variation & Evolution B14 Genetics & Evolution B15 Adaptations</p>	<p>Kerboodle Textbook AQA GCSE Combined Science Biology AQA GCSE Combined Science Physics</p>
<p>Spanish</p>	<p>Módulo 7 ¡A currar! (Theme: Current and future study and employment)</p> <p>Módulo 8 Hacia un mundo mejor (Theme: Local, national, international and global areas of interest)</p>	<p>Textbook Viva AQA Higher Active learn Google classroom Writing revision booklets Speaking revision and practice booklets worksheets</p>

Key Stage 5 - Year 12 Curriculum

Term 2 - 4th January 2021 to 1st April 2021

Subject	Term 2- Topics covered	Resources e.g. Main textbook, Exam board, Kerboodle, Seneca etc
Art	<p>'Art in a time of uncertainty: change and stability.' Signs of the Times - Self. Portraiture. Gender. Society. Still life. Politics. Typography.</p> <p>TC#2 Art communicates, in every sense TC#6 Art engages; head, heart and hands TC#8 Art has value, in unequal measures TC#9 Art makes people powerful, for good and bad</p>	<p>Sketchbook Knowledge organiser Course Booklet Google Classroom</p>
Applied Business Studies	3 Entrepreneurial opportunities (External synoptic assignment)	<p>AQA Exam board</p> <p>The course is totally online and all resources are in Google classroom</p>
Biology	<p>Section 3 - Exchanges of substances and mass transport Section 4 - DNA, genes, protein synthesis and genetic and biodiversity</p> <p>CPAC Catchup</p>	<p>Kerboodle AQA A level Biology Textbook</p> <p>Specification https://filestore.aqa.org.uk/resources/biology/specifications/AQA-7401-7402-SP-2015.PDF</p> <p>Schemes of work with in-lesson assessment tasks, resources links, Required Practicals</p> <p>PowerPoints, notes, videos and exam questions are shared with students through Google Classroom</p>

Chemistry	<p>Teacher 1</p> <ul style="list-style-type: none"> ● Alcohols ● Organic analysis ● Optical isomerism (A-level only) <p>Teacher 2</p> <ul style="list-style-type: none"> ● Kinetics ● Chemical equilibria, Le Chatelier's principle and K_c ● Oxidation, reduction and redox equations ● Periodicity ● Group 2, the alkaline earth metals ● Group 7(17), the halogens <p>CPAC Catch-up</p>	<p>AQA AS and A level Chemistry - https://www.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405/specification-at-a-glance</p> <p>Text book: AQA Chemistry A Level - available online through kerboodle</p> <p>Schemes of work with in-lesson assessment tasks and resources links</p> <p>PowerPoints, notes, videos and exam questions are shared with students through Google Classroom</p>
Computer Science	<p>Data representation: Units of storage, Binary conversions, Hex</p> <p>Logic Diagrams & Truth Tables</p> <p>Impacts of data technology:</p> <p>Ethical</p> <p>Cultural</p> <p>Environmental</p> <p>Legislation</p> <p>Legislation</p> <p>How to write essays</p> <p>Exam questions</p> <p>Revision of Logic</p> <p>Revision of Binary</p>	<p>Exam board OCR</p> <p>Textbook</p> <p>Resources are available in Google classroom</p>
Economics	<p>4.2.1.1 The objectives of government economic policy</p> <p>4.2.1.2 Macroeconomic indicators</p> <p>4.2.1.3 Uses of index numbers</p> <p>4.2.1.4 Uses of national income data</p> <p>4.2.2.1 The circular flow of income</p> <p>4.2.2.3 The determinants of aggregate demand</p> <p>4.2.2.4 Aggregate demand and the level of economic activity</p> <p>AS+</p> <p>4.2.2.5 Determinants of short-run aggregate supply</p> <p>4.2.2.6 Determinants of long-run aggregate supply</p>	<p>AQA Exam board</p> <p>Textbook</p> <p>Booklets</p> <p>All resources are available online in Google classroom</p>

	AS+ 4.2.2.7 Aggregate demand and aggregate supply analysis	
English	<p>Component 1 texts to be covered:</p> <ul style="list-style-type: none"> • Completion of <i>A Streetcar Named Desire</i> by Tennessee Williams • <i>King Lear</i> by William Shakespeare <p>Component 2 texts to be covered:</p> <ul style="list-style-type: none"> • Completion of <i>Frankenstein</i> by Mary Shelley • <i>The Handmaid's Tale</i> by Margaret Atwood 	<ul style="list-style-type: none"> • Pearson Edexcel English Literature A Level https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/english-literature-2015.html • <i>A Streetcar Named Desire</i> by Tennessee Williams • <i>Frankenstein</i> by Mary Shelley • <i>The Handmaid's Tale</i> by Margaret Atwood • Seneca • York Notes Advanced
Geography	<p><u>Module 3: Coastal landscapes and change</u> Enquiry question 1; Why are coastal landscapes different, and what processes cause these differences? Enquiry question 2; How do characteristic coastal landforms contribute to coastal landscapes? Enquiry question 3; How do coastal erosion and sea-level change alter the physical characteristics of coastlines and increase risks? Enquiry question 4; How can coastlines be managed to meet all the needs of all players?</p> <p><u>Module 4: Regenerating places</u> Enquiry question 1; How and why do places vary? Enquiry question 2; Why might regeneration be needed? Enquiry question 3; How is regeneration managed? Enquiry question 4; How successful is regeneration?</p>	<ul style="list-style-type: none"> • Pearson Geography Text book • Handouts from Oxford University press textbook • Handouts from Hodder Education textbook • Geo Factsheets on case studies. • WWW.physicsandmathstutor.com. • Seneca. • Powerpoints shared in class and on Google Classroom.
Government and Politics	<p><u>Paper 2 - UK Government</u> Prime minister and executive Parliament The Constitution Relationship between branches</p>	<p>UK Government and Politics - Neil McNaughton Hodder Education Politics Review Magazine</p>
History	<p><u>Democracy and dictatorships in Germany 1919-63</u> Nazi election success 1930-1932 Appointment of Hitler as chancellor</p>	

	<p>Destruction of German democracy Setting up of the Nazi dictatorship Nazi policies home and abroad</p> <p><u>History of modern Britain</u> Churchill and World War Two</p>	
BTec Health and Social Care		<p>BTed National Level 3 Extended Certificate https://qualifications.pearson.com/en/qualifications/btec-nationals/health-and-social-care-2016.coursematerials.html#filterQuery=Pearson-UK:Category%2FTeaching-materials Booklets Textbook Department of Health & Social Care Health and social care through evidence-based guidance- NICE Royal College of Nursing NHS Acronym Buster NHS NHS Evidence</p>
Maths (Pure)	<p>Pure 2: Binomial Expansion – Expanding $(a + bx)^n$ and from partial fractions and find approximations.</p> <p>Pure 1:</p> <ul style="list-style-type: none"> • Straight Lines graphs: Equation of straight lines, rearrange to find gradient and find missing coordinates; Parallel and perpendicular, length of a line and enclosed areas; Modelling. • Differentiation: Gradients of curves and limits; Basic differentiation, Differentiating more complex functions. Tangents and normals – use of differentiation to find equations of tangents and normals to curves. Increasing and Decreasing functions & Further differentiation - 2nd Order Differentiation; Stationary points, Nature of these points; Sketch gradient function; Model real-life situations with differentiation <p>February Half term</p>	<p>Active learn and Pearson Pure 1 AS text book. Dr Frost Maths and Physics Tutor</p>

	<ul style="list-style-type: none"> ● Integration: Find y given dy/dx, integrate polynomials; Find $f(x)$- given a point on the curve to find the constant 'c'; Evaluate a definite Integral, find area bounded by a curve and the x-axis; Find areas bounded by curves and straight lines. ● Vectors: Representing Vectors, Magnitude and direction, Position Vectors; Solving geometric problems; Modelling with Vectors. 	
<p>Maths Statistics and Applied</p>	<ul style="list-style-type: none"> ● 6. Statistical Distributions: Understand and use simple discrete probability distributions including Discrete Uniform Distributions; Understand Binomial distribution as a model and comment on appropriateness; Calculate individual probabilities and Cumulative probabilities for the Binomial Distribution. ● 7. Statistical Hypothesis testing: Understand the language and concept of Hypothesis testing and how sample is used to make an inference about a population; Critical values of a Binomial distribution using tables; Carry out at both a one-tailed and a two-tailed tests, interpreting results. ● 8. Modelling in Mechanics: Understand the concept of a Mathematical Model and its application; Understand and be able to apply some of the common assumptions used in Mechanical Models; Know SI units for quantities and derived quantities used in Mechanics; Know the difference between scalar and vector quantities. ● 9. Kinematics1 [start this chapter before Easter] (Constant Acceleration): Understand and Interpret displacement-time graph; Understand and interpret velocity-time graph; Derive the constant acceleration formulae and use them to solve problems; Use the constant acceleration formulae to solve problems involving vertical motion under gravity. 	<p>Active learn and AS Statistics and Mechanics Year 1 text book. Dr Frost Maths and Physics Tutor</p>

<p>Maths Further (Core)</p>	<ul style="list-style-type: none"> ● Matrices: Inverting 3 x 3 matrix. Relevance to solving equations and inverse transformations. Applications of matrices – using inverse matrices to solve simultaneous equations. ● Linear Transformations: Transformations matrices– linear transformations. Rotations, reflections and enlargements; Successive transformations. Linear Transformations in 3D; Inverse of a linear transformations. ● Series: Summation of Series – Series and sigma notation. Understanding expressions for the general term, the nth term and the sum. <i>Using Standard Results</i> – Expanding and using standard results for algebraic and numerical summation. Using these results to evaluate a given series. ● Polynomials: Roots of quadratic, cubic and quartic equations. Expressions related to the roots of polynomial and Linear Transformations of roots. ● Proof by Induction: Series – proof of formulae for the summation of series; Matrices – proof of general formulae for A; Divisibility – proof of divisibility. ● Calculus (Volumes): Volume of revolution- derive a formula for and calculate volumes generated about both axes. 	<p>Active learn and AS Core 1 Pearson textbook. Dr Frost</p>
<p>Further maths (Decision 1)</p>	<p>Graphs and Networks: Planarity algorithm. Route Inspection: more than 4 odd nodes.</p> <p>The travelling salesman problem: <i>Classical and practical TSP-</i> difference and creating table of least distances. <i>Minimum spanning tree to find upper bound and shortcuts-</i> recap of MST; Minimum spanning trees and reconnectors to find lower bound; Nearest neighbour algorithm to find upper bound; Optimal solution.</p>	<p>Active learn and Pearson Decision 1 textbook. Dr Frost</p>

	<p>The simplex algorithm: <i>Formulating linear programming problems</i>- stating objectives and constraints. <i>Simpex method</i> – setting up tables and identifying optimal solutions. <i>Two stage simple. Big M method.</i></p> <p>Algorithms and Graphs: Order of Algorithm.</p> <p>Revision: Using exam booklet.</p>	
Media	<p>Film Marketing:</p> <ul style="list-style-type: none"> - Black Panther - I, Daniel Blake <p>Music Video:</p> <ul style="list-style-type: none"> - Dizzee Rascal Dream - Vance Joy Riptide - (Developing ML Audio/ Visual Codes, Narrative and Genre) 	<p>Students have been recommended text books but not obligatory</p> <p>Google shared class folder on drive and google classroom</p> <p>Exercise books</p>
BTEC Sport	<p>Unit 3 -Professional Development in the Sports Industry - Learners explore client screening and lifestyle assessment, fitness training methods and fitness programming to support improvements in a client's health and well-being.</p> <p>Unit 4- Sports Leadership- Learners study what makes a good leader, the different capacities of this role, and the leadership skills and techniques necessary when leading activities in different roles.</p>	<p>Text book, specification and revision booklet on line on drive and google classroom.</p> <p>Specification- https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Sport/20161/specification-and-sample-assessments/9781446958278_BTEC_NAT_L3_EXTDIP_SPORT_SPEC.pdf</p>
Physics	<p>Unit 3 - Electricity</p> <p>Unit 4 - Mechanics</p> <p>CPAC catch-up</p>	<p>Digital Textbook: www.kerboodle.com</p> <p>Specification at a Glance https://www.aqa.org.uk/subjects/science/as-and-a-level/physics-7407-7408/spec-at-a-glance</p>

		<p>Full Specification https://filestore.aqa.org.uk/resources/physics/specifications/AQA-7407-7408-SP-2015.PDF</p> <p>Other resources are shared through google classroom.</p> <p>Schemes of work with in-lesson assessment tasks and resources links</p> <p>CGP Revision resources https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science?sort=best_selling&quantity=36&page=1&view=grid&currentFilter=Subject_38&filter_exam%20board=ExamBoard_140&filter_subject=Subject_38</p> <p>https://www.physicsandmathstutor.com</p>
Psychology	<p>Memory</p> <p>Short term and long-term memory The multi store model of memory The working memory model of memory Types of long-term memory Explanations for forgetting: Interference Explanations for forgetting: Retrieval failure Accuracy of EWT Improving EWT The Cognitive Interview</p>	<p>Students have all been issued with a course textbook</p> <p>Google shared class folder on drive and google classroom</p> <p>AQA Examination specification and assessment resources online</p>
Sociology	<p>Families and Households</p> <ul style="list-style-type: none"> ● Couples and division of labour ● Childhood as a social construct ● Theories of Family: Functionalist, Marxist, Feminist and Personal Life ● Demography: Births, Deaths and Migration ● Changing family patterns: Divorce and Partnerships ● Family Diversity ● Family and Social Policy 	<p>Students have all been issued with a course textbook</p> <p>Google shared class folder on drive and google classroom</p> <p>AQA Examination specification and assessment resources online</p>

<p>RE</p>	<p>Philosophy of Religion Term 2.1</p> <p>Theme 3: Challenges to Religious Belief (Part1) – the Problem of Evil and Suffering</p> <ul style="list-style-type: none"> A. The Problem of Evil and Suffering B. Religious Responses to the problem of evil: Augustinian Theodicy C. Religious Responses to the problem of evil: Irenaean Theodicy <p>Term 2.2</p> <p>Theme 4: Religious Experience (Part 1)</p> <ul style="list-style-type: none"> A. The nature of religious experience B. Mystical experience C. Challenges to the objectivity and authenticity of religious experience Assessment on Philosophy of Religion <p><u>Ethics</u></p> <p>Theme 3: Situation Ethics – a Religious approach to ethics</p> <ul style="list-style-type: none"> A. Joseph Fletcher’s Situation Ethics: his rejection of other forms of ethics and his acceptance of sage as the basis of morality. B. Fletcher’s Situation Ethics: The principles as a means of assessing morality C. Fletcher’s Situation Ethics: application of the theory. <p>Term 2.2</p> <p>Theme 4: Utilitarianism – a non-religious approach to ethics</p> <ul style="list-style-type: none"> A. Classical Utilitarianism – Jeremy Bentham’s Act of Utilitarianism: happiness as the basis of morality. B. John Stuart Mill’s development of Utilitarianism: Types of pleasure, the harm principle and the use of rules. C. Utilitarianism: Application of the theories (Acts and Rules) Assessment on Philosophy of Religion 	<p>Students have all been issued with a course textbook</p> <p>All PPT lessons shared with students on Year 13 Google Classroom</p> <p>Eduqas Examination specification and assessment resources online</p> <p>https://www.eduqas.co.uk/qualifications/religious-studies-as-a-level/#tab_overview</p> <p>https://www.eduqas.co.uk/qualifications/religious-studies-as-a-level/?sub_nav_level=course-materials#tab_resources</p> <p>Students know how to access all teaching and learning resources from the Eduqas website.</p> <p>https://www.eduqas.co.uk/umbraco/surface/blobstorage/download?nodeId=13801</p> <p>Students access to example examination questions and mark schemes</p> <p>https://www.eduqas.co.uk/umbraco/surface/blobstorage/download?nodeId=24174</p>
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Key Stage 5 - Year 13 Curriculum

Term 2 - 4th January 2021 to 1st April 2021

Subject	Term 2- Topics covered	Resources e.g. Main textbook, Exam board, Kerboodle, Seneca etc
Art	<p>'Change and/or Stability: Freedoms and Limitations' Fit, A sense of Place, A personal journey.</p> <p>TC#2 Art communicates, in every sense TC#6 Art engages; head, heart and hands TC#7 Art is not fixed in meaning; context is everything TC#9 Art makes people powerful, for good and bad</p> <p>Personal Study Brief - in-depth study, critical and contextual knowledge and understanding of various aspects of Visual Arts.</p>	<p>Sketchbook Knowledge organiser Course Booklet Google Classroom</p>
Applied Business Studies	5 Developing a business proposal (internal project)	<p>AQA Exam board</p> <p>The course is totally online and all resources are in Google classroom</p>
Biology	<p>Section 6 - Responses to changes, nervous coordination and homeostasis Section 7 - Genetics</p>	<p>Kerboodle AQA A level Biology Textbook</p> <p>Specification https://filestore.aqa.org.uk/resources/biology/specifications/AQA-7401-7402-SP-2015.PDF</p> <p>Schemes of work with in-lesson assessment tasks and resources links</p> <p>PowerPoints, notes, videos and exam questions are shared with students through Google Classroom</p>

Chemistry	<p>Teacher 1</p> <ul style="list-style-type: none"> Organic synthesis (A-level only) Nuclear magnetic resonance spectroscopy (A-level only) Chromatography (A-level only) <p>Teacher 2</p> <ul style="list-style-type: none"> Properties of Period 3 elements and their oxides (A-level only) Transition metals (A-level only) Reactions of ions in aqueous solution (A-level only) 	<p>AQA AS and A level Chemistry - https://www.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405/specification-at-a-glance</p> <p>Text book: AQA Chemistry A Level - available on kerboodle</p> <p>Schemes of work with in-lesson assessment tasks and resources links</p> <p>PowerPoints, notes, videos and exam questions are shared with students through Google Classroom</p>
Computer Science	<p>Data representation: Units of storage, Binary conversions, Hex Logic Diagrams & Truth Tables Impacts of data technology: Ethical Cultural Environmental Legislation Legislation How to write essays Exam questions Revision of Logic Revision of Binary</p>	<p>Exam board OCR Textbook Resources are available in Google classroom</p>
Economics	<p>4.1.5.1 Market structures 4.1.5.2 The objectives of firms 4.1.5.3 Perfect competition 4.1.5.4 Monopolistic competition 4.1.5.5 Oligopoly 4.1.5.6 Monopoly and monopoly power 4.1.5.7 Price discrimination 4.1.5.8 The dynamics of competition and competitive market process 4.1.5.9 Contestable and non-contestable markets</p> <p>Y13 4.1.5.10 Market structure, static efficiency, dynamic efficiency and resource allocation</p>	<p>AQA Exam board Textbook Booklets All resources are available online in Google classroom</p>

English	Completion of study on the following texts: <ul style="list-style-type: none"> ● <i>A Streetcar Named Desire</i> by Tennessee Williams [started previous term] ● <i>Duchess of Malfi</i> by John Webster [started previous term] ● Independent coursework assignment [started previous term] ● <i>Merchant's Tale</i> by Geoffrey Chaucer 	<ul style="list-style-type: none"> ● Eduqas WJEC A Level English Literature https://www.eduqas.co.uk/qualifications/english-literature-as-a-level/#tab_overview ● <i>Merchant's Tale</i> by Geoffrey Chaucer ● <i>A Streetcar Named Desire</i> by Tennessee Williams ● <i>Duchess of Malfi</i> by John Webster ● Independent coursework texts - student choice ● York Notes Advanced
Geography	<u>Module 3: Superpowers.</u> Enquiry question 1; What are superpowers and how have they changed over time? Enquiry question 2; What are the impacts of superpowers on the global economy, political systems and the physical environment? Enquiry question 3; What spheres of influence are contested by superpowers and what are the implications of this? <u>Module 4: Global development and connections: Health, human rights and intervention</u> Enquiry question 1; What is human development and why do levels vary from place to place? Enquiry question 2; Why do human rights vary from place to place? Enquiry question 3; How are human rights used as arguments for political and military intervention? Enquiry question 4; What are the outcomes of geopolitical interventions in terms of human development and human rights?	<ul style="list-style-type: none"> ● Pearson Geography Text book ● Handouts from Oxford University press textbook ● Handouts from Hodder Education textbook ● Geo Factsheets on case studies. ● WWW.physicsandmathstutor.com. ● Seneca. ● Powerpoints shared in class and on Google Classroom.
Government and Politics		
History	POPULAR CULTURE AND THE WITCH-HUNTS OF THE 16TH AND 17TH CENTURIES <ul style="list-style-type: none"> - The causes and decline of witch-hunting - Witch-hunting in East Anglia - Witch-hunting in southern Germany - Witch-hunting in Salem 	Farmer Textbook Bullock textbook Peter Burke Brian levack Assorted academic texts and articles Teacher PowerPoints Documentaries

Maths (Pure)

- **Pure 1 and Pure 2 Vectors:** Representing Vectors, Magnitude and direction, Position Vectors, Solving geometric problems, Modelling with Vectors. Basics including Scalar Product – 3D Position coordinates and vectors, addition of vectors and modulus. Calculating the scalar product and application to finding angles. Perpendicular vectors; Solving Geometric Problems – Parallel and Non-Parallel Vectors; Modelling with Applications to Mechanics – 3D Vectors used to model problems in Mechanics in the same way previously used in 2D vectors.
- **Numerical Methods:** The Newton-Raphson Method – to find Numerical solutions to equations of the form $f(x) = 0$ including the formula; Applications to Modelling – To find solutions to models of real-life situations.
- **Differentiation (Pure 2):** Use of summation and delta & Chain rule; Product and Quotient rules; Differentiating a^x , e^x and $\ln x$; Trigonometric functions; Parametric equations; implicit differentiation and Connected rates of change.
- **Integration (Pure 2):** Integration of Trigonometric Functions – Standard results for integration of brackets $f(ax+b)$, exponentials and trigonometric functions etc. Partial Fractions – Integrate $1/f(ax+b)$ using \ln and Express algebraic fractions into Partial fractions and Integrate. Substitution & Reverse Chain Rule – Integration by substitution. Choosing a suitable substitution. Integration by parts – indefinite and definite integrals. Areas and Trapezium Rule - Trapezium rule and evaluation

Active learn and text books.
Dr Frost

	<p>of errors against exact values. Differential Equations – solving first order differential equations by separation. Modelling with Differential equations – Worded questions to model real-life situations.</p> <ul style="list-style-type: none"> • Parametric Equations: Definitions, sketching and finding values at axes. Finding the point of intersection with coordinate axes. Converting parametric equations into Cartesian form including the use of trigonometric identities. Modelling. 	
<p>Maths (Statistics and applied)</p>	<p>Projectiles: Horizontal Projection; Horizontal and Vertical Components; Projection at any angle; Projectile motion formulae.</p> <p>Moments: <i>Calculating Moments</i> – Calculation of moments for rod or lamina, (including non-perpendicular forces) and Resultant Moments. <i>Equilibrium and Tilting</i> – Equating clockwise and anti-clockwise moments. Uniform and non-uniform rods. Tilting problems and exam questions.</p> <p>Applications of forces: Statics and Equilibrium (resolving, equating and modelling & strings). Friction and static particles. Static Rigid bodies (including ladder problems). Dynamics and Inclined planes. Connected particles.</p>	<p>Active learn and text books. Dr Frost</p>
<p>Maths Further (Core)</p>	<p>Hyperbolic Functions: Introduction to Sinh x, Cosh x, Tanh x in exponential form, solving and proving their inverses and sketch the graphs. Solving equations using identities. Differentiate and Integrate.</p> <p>Polar Coordinates: Defining a point in polar coordinates and converting between Polar/Cartesian forms. Sketching standard curves. Area – Integrating to find the area enclosed by a curve defined in polar</p>	<p>Active learn and text books. Dr Frost</p>

	<p>coordinates. Area between 2 curves or curve and line. Tangents to polar curves - differentiate trig functions to find tangents parallel and perpendicular to the initial line.</p> <p>Methods in Calculus: Improper integrals, including Partial fractions. Mean value. Differentiate inverse trigonometric functions and Integrate by substitution.</p> <p>Volumes of revolution: Volume generated around both axes, using parametrically defined curves and modelling problems.</p> <p>Series (to complete):Maclaurin Series – series expansion for basic and composite functions. Application to approximations and limits. Series expansions of compound functions: Applications of trigonometry and Maclaurin expansion.</p>	
Further Maths (Applied) - Further Mechanics 1 (FM1)	<p>Elastic Strings and springs: Hooke's law and equilibrium; Hooke's law and dynamics; Elastic energy; Problems involving elastic energy.</p> <p>Elastic collisions in two dimensions: Oblique impact with a fixed surface; Successive oblique impacts; Oblique impact of smooth spheres.</p> <p>Revise: D1 and FM1- use of exam booklets.</p>	Active learn and text books. Dr Frost
Media Studies	<p>Component 2: TV Case Studies:</p> <ul style="list-style-type: none"> - Life on Mars (British) - The Bridge (Not in the English Lang.) <p>Final Coursework submissions.</p>	<p>Students have been recommended text books but not obligatory</p> <p>Google shared class folder on drive and google classroom</p> <p>Exercise books</p> <p>Masterclasses (coursework based/ interventions)</p>

<p>BTEC Sport</p>	<p>Unit 3 -Professional Development in the Sports Industry - Learners explore client screening and lifestyle assessment, fitness training methods and fitness programming to support improvements in a client's health and well-being.</p> <p>Unit 4- Sports Leadership- Learners study what makes a good leader, the different capacities of this role, and the leadership skills and techniques necessary when leading activities in different roles.</p>	<p>Text book, specification and revision booklet on line on drive and google classroom.</p> <p>Specification- BTEC 2016 Specification</p>
<p>Physics</p>	<p>Unit 7 - Fields Co-teaching Unit 9 Options Co-teaching (Astrophysics and Engineering)</p>	<p>Digital Textbook: www.kerboodle.com</p> <p>Specification at a Glance https://www.aqa.org.uk/subjects/science/as-and-a-level/physics-7407-7408/spec-at-a-glance</p> <p>Full Specification https://filestore.aqa.org.uk/resources/physics/specifications/AQA-7407-7408-SP-2015.PDF</p> <p>Schemes of work with in-lesson assessment tasks and resources links</p> <p>Other resources are shared through google classroom.</p> <p>CGP Revision resources https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science?sort=best_selling&quantity=36&page=1&view=grid&currentFilter=Subject_38&filter_exam%20board=ExamBoard_140&filter_subject=Subject_38</p> <p>https://www.physicsandmathstutor.com</p>
<p>Psychology</p>	<p>Stress The physiology of stress and illness Lifespan changes and Daily Hassles Workplace stressors</p>	<p>Students have all been issued with a course textbook</p> <p>Google shared class folder on drive and google classroom</p>

	<p>Personality and hardiness Drug Therapies Stress Inoculation Therapy Managing and coping with stress</p> <p>Addiction Risk factors: Genetics and peers Explanations: Biochemistry Explanations: Learning Theory Explanations: Cognitive Theory Reducing addiction: Behavioural and CBT Theory of Planned Behaviour</p>	<p>AQA Examination specification and assessment resources online</p>
Sociology	<p>Beliefs in Society Religion and Social Change Secularisation in Britain and USA Religion, Renewal and Choice Religious Fundamentalism Religious Organisations Ideology and Science</p>	<p>Students have all been issued with a course textbook</p> <p>Google shared class folder on drive and google classroom</p> <p>AQA Examination specification and assessment resources online</p>
RE	<p>Philosophy of Religion</p> <p><u>Term 2.1</u> Theme 3: Religious Language (Part 1) A. Inherent problems of religious language B. Religious language as cognitive, but meaningless C. Religious language as non-cognitive and analogical</p> <p><u>Term 2.2.</u> Theme 4: Religious Language (Part 2) A. Religious language as non-cognitive and symbols B. Religious language as non-cognitive and mythical C. Religious language as a language game Assessment</p> <p><u>Ethics: Term 2.1</u></p>	<p>Students have all been issued with a course textbook</p> <p>All PPT lessons shared with students on Year 13 Google Classroom</p>

	<p><u>Term 2-2</u></p> <p>Theme 4: Utilitarianism – a non-religious approach to ethics</p> <p>A. Classical Utilitarianism – Jeremy Bentham’s Act of Utilitarianism: happiness as the basis of morality.</p> <p>B. John Stuart Mill’s development of Utilitarianism: Types of pleasure, the harm principle and the use of rules.</p> <p>C. Utilitarianism: Application of the theories (Acts and Rules) Assessment on Philosophy of Religion</p> <p><u>Christianity Term 2</u></p> <p><u>Theme 3 D-F to February</u></p> <p>Theme 3: Significant historical developments in religious thought</p> <p>D. Challenges from secularisation</p> <p>E. Challenges from science</p> <p>F. Challenges from pluralism and diversity within tradition</p>	<p>Eduqas Examination specification and assessment resources online</p> <p>https://www.eduqas.co.uk/qualifications/religious-studies-as-a-level/#tab_overview</p> <p>https://www.eduqas.co.uk/qualifications/religious-studies-as-a-level/?sub_nav_level=course-materials#tab_resources</p> <p>Students know how to access all teaching and learning resources from the Eduqas website.</p> <p>https://www.eduqas.co.uk/umbraco/surface/blobstorage/download?nodeId=13801</p> <p>Students access to example examination questions and mark schemes</p> <p>https://www.eduqas.co.uk/umbraco/surface/blobstorage/download?nodeId=24174</p>
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