

RIPLEY ST THOMAS

CHURCH OF ENGLAND ACADEMY



YEAR 11 REVISION GUIDE

2021-22

Dear pupils and parents/carers,

You are about to embark on a journey through revision and examinations which may seem daunting. You might be worried about where to start this journey and how to navigate your way to exam success, but we are here to help. This guide will offer you a twelve-week plan to equip you for your revision; it contains a range of resources including QR codes and links to past papers and revision materials. Access to the materials in this guide is only the first step, how you use them will enable you to make great strides towards your destination.

So what's the secret of successful revision? The answer is different for everyone—and you need to find out what works best for you—but these three key points are essential for everyone to consider when revising:

TIME MANAGEMENT

Be realistic, stick to it, plan time for breaks and relaxation. At the back of this guide is a paper copy of a weekly plan for when you are in school and one for the holidays. You can fill them in to help you plan your time wisely.

REPETITION

The best way to transfer knowledge to your long-term memory is to revisit and repeat revision (experts say six times at least).

MOTIVATION

Stay positive, your brain can only learn when you're relaxed and happy, so keep motivated. More on revision strategies and techniques can be found using the resources on firefly

Lastly, you are not on this journey alone. Your teachers are here to support you; e-mail or visit your teacher if you have any questions about your revision. Also, your friends and classmates are revising too, support each other and work together to make this journey easier. The most difficult part of any journey is the first step.

Good luck, Year 11.

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REVISION RESOURCES ON FIREFLY



w/b	Topics	Revisit work	Suggested activities
17 th January	English Language: Component 2a English Language: Component 2b	<ul style="list-style-type: none"> Remind yourself of the key points for the different non-fiction writing types. Use the guide on Firefly, which contains examples of each type. Reread key chapters or scenes in the lit texts you are studying. 	Language 2a: Complete practice paper 1. Literature 2c: Complete the unseen poetry paper.
24 th January	English Language: Component 1b English Literature: Component 1a English Literature: Component 2b	<ul style="list-style-type: none"> Read through your last prose piece and highlight areas to improve. Revise key quotes for the literature texts you are studying. 	Language 1b: Complete the prose task. Create a 'portfolio' of ideas for future narratives Literature 1a: Complete the extract question on the Shakespeare text you have studied. Literature 2b: Complete the essay question on <i>Dr Jekyll and Mr Hyde</i> . Or <i>the Poetry Anthology</i>
31 st January	English Language: Component 1a English Language: Component 2b English Literature: Component 2a	<ul style="list-style-type: none"> Re-read a selection of poems from the Poetry Anthology and learn key quotes. OR Re-read J&H creating cue cards for key quotations Read through previous transactional writing tasks and identify areas for improvement. 	Language 1a: Complete the 20 th century prose reading paper Practice paper 1. Language 2b: complete the transactional writing task. Literature 2a: Complete the question on <i>Lord of the Flies</i> , <i>Blood Brothers</i> or <i>An Inspector Calls</i> .
7 th February	English Language: Component 2b English Literature: Component 1a English Literature: Component 1b	<ul style="list-style-type: none"> Reread the background information on the anthology poets. Create a timeline of events for the literature text you are studying: <i>Dr Jekyll and Mr Hyde</i>; <i>Lord of the Flies</i>, <i>Blood Brothers</i> or <i>An Inspector Calls</i>; or <i>Macbeth</i> 	Language 2b: Complete the transactional writing task. Literature 1a: Complete the magic moments sheet for the Shakespeare text you have studied. Literature 1b: Complete the anthology poetry question.
21 st February	English Language: Component 1b English Literature: Component 1a English Literature: Component 2b	<ul style="list-style-type: none"> Use your weekly tasks to identify areas for development and work on them. Write a character study of one of the main characters in a literature text. 	Language 1b: Rewrite or adapt your narrative to one of the titles provided. Literature 1a: Complete the essay response to the Shakespeare text you have been studying. Literature 2b: Create a one-page guide to the social and historical context of the text you have been studying.
28 th February	English Language: Component 2a English Literature: Component 1b	<ul style="list-style-type: none"> Use the examples of paired poems to help you prepare for the unseen poetry question. Write a character study of one of the main characters in the Shakespeare play you are studying. 	Language 2a: Complete practice paper 2. Literature 1b: Complete the anthology poetry question.

Additional information

The resources for each of these tasks will be published on Firefly each week. There are also **sample paper packs**, **example tasks** and **dedicated resources** on each Literature text. You must also use your **revision guide** from your goody bag – a copy is on Firefly if you need another.

Remember to access a range of websites when researching topics to ensure you get a balanced and informed view. The following websites might prove useful:

Doddle | **Sparknotes** | **BBC Bitesize** | **Shmoop** | **Slideshare** | **Seneca**

Prior to the Language exams, you should attend the **Walking, Talking Mock**. Details will be published in May.

w/b	Topics	Revisit work	Suggested activities
7 th March	English Language: Component 2b English Literature: Component 2a English Literature: Component 2b	<ul style="list-style-type: none"> Reread your earlier responses to Lang Component 2b papers and rewrite your answers to show your progress. Reread key chapters or scenes in the lit texts you are studying. 	Language 2b: Complete the transactional writing task. Literature 2a: Complete the essay question on the Literature text you have studied (<i>Lord of the Flies</i> , <i>Blood Brothers</i> or <i>An Inspector Calls</i>) Literature 2b: Complete the unseen poetry question
14 th March	English Language: Component 1a English Literature: Component 1a English Literature: Component 2b	<ul style="list-style-type: none"> Revise spellings (check your marked work to see errors you've made) and the meaning of key terminology. Plan and draft a transactional writing task. 	Language 1a: Complete the 20 th Century Prose Reading paper Literature 1a: Complete the extended essay response to the Shakespeare text you have studied. Literature 2b: Complete the essay response to the literature text you have studied.
21 st March	English Language: Component 2a English Literature: Component 1b	<ul style="list-style-type: none"> Complete an extract question on <i>Romeo and Juliet</i> or <i>Macbeth</i>. Read through key chapters of one of the Lit texts and write a summary. 	Language 2a: Complete practice paper 3. Literature 1b: Complete the anthology poetry question.
28 th March	English Language: Component 2b English Literature: Component 2b	<ul style="list-style-type: none"> Complete an essay question <i>Dr Jekyll and Mr Hyde</i>. OR The theme of loss in <i>A Wife in London</i> Reflect on work in your book and re write a piece to show improvement, using FLASH targets or EBI. 	Language 2b: Complete the transactional writing tasks. Literature 2b: Complete the unseen poetry question.
18 th April	English Language: Component 1a English literature: Component 1a English Literature: Component 2a	<ul style="list-style-type: none"> Remind yourself of the key points for the different transactional writing types. Revise key subject terminology. 	Language 1a: Complete the twentieth-century prose reading paper. Literature 1a: complete the two extract questions on the Shakespeare text you have studied. Literature 2a: Complete the essay response to the literature text you have studied.
25 th April	English Language: Component 1b English Literature: Component 1b English Literature: Component 2b	<ul style="list-style-type: none"> Complete a timed practice paper on your weakest component. Practise writing the different types of transactional writing. 	Language 1b: Complete the prose task taking note of all feedback on previous work. Literature 1b: Complete the anthology poetry question. Literature 2b: Complete the exploding extract response to the literature text you have studied.

Examination dates

English Literature Component 1 25th May (am)
English Literature Component 2 8th June (am)

English Language Component 1 18th May (am)
English Language Component 2 10th June (am)

w/b	Topics	Corbett Maths	Hegarty ref.	Suggested activities
17 th January	Place Value Simplifying expressions Fractions 1 Angle Properties 1 Transformations	222, 222a 9 & 19 132-146 25, 30, 35, 39 325-326, 272-275, 104-107	13-16 156-159 60-72 477-483 637-658	Corbett 5 a day Complete the skills check sheet FA1.1 Exam Paper 16 Hegarty Fix Up 5/Memri
24 th January	BIDMAS Decimals 1 Ratio 1 Area of shapes Expanding single brackets Real-life graphs	211 90-95 269-271 45,49,44,48,42,41 13 160, 151-152	24,44 46-51 329, 332-334 553-559 160-161 894-895	Corbett 5 a day Complete the skills check sheet FA2.1 Exam Paper 17 Hegarty Fix Up 5/Memri
31 st January	Primes, factors and multiples Perimeter Percentages 1 Circles 1 Probability 1 Factorising single brackets	225,216,220 241-243 234-235, 237 61, 59-60 245,250-251,253 117	27-28, 33 548-552 84-88 534-543 349-354 170-171	Corbett 5 a day Complete the skills check sheet FA3.1 Exam Paper 18 Hegarty Fix Up 5/Memri
7 th February	Four operations (+,-,x,÷) Prime factors and HCF/LCM Ratio (2) Substitution Pythagoras' Theorem 1	6,304,200,98 223-224, 218-219 271a-271e 20 257	18-23 29-32, 34-36 330-331,335 780-782 498-499	Corbett 5 a day Complete the skills check sheet FA4.1 Exam Paper 19 Hegarty Fix Up 5/Memri
21 st February	Powers and roots Proportion Solving linear equations Straight line graphs Volume of prisms	226-228, 172 255a-256 110 185-198 355-358	99-101 339-341 177-185 205-214 567-574	Corbett 5 a day Complete the skills check sheet FA5.1 Exam Paper 20 Hegarty Fix Up 5/Memri
28 th February	Laws of indices Expanding double brackets Averages & range 1 Angle Properties 2 Surface area	17 14 50,53,56,57 37,33 32 310-311,315	102-107 162-165 404-410 485-486,560-565 584-586	Corbett 5 a day Complete the skills check sheet FA6.1 Exam Paper 21 Hegarty Fix Up 5/Memri

MATHS (Foundation)

MATHS (Foundation)

Additional information

<p>Firefly: Revision</p> 	<p>Hegarty Maths</p> 	<p>Corbett Maths</p> 
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Top tips for revision

- Do not just read your notes...
- To revise maths, you must **do** maths
 - Have a go at questions
 - Show all your working
 - Mark your work
 - See your teacher with any questions

w/b	Topics	Corbett Maths	Hegarty ref.	Suggested activities
7 th March	Rounding (inc. d.p. & s.f.) FDP Pictogram & Bar charts Standard Form Factorising & solving quadratics	278, 279a, 280 129-131 161-162, 147-148 300-303 118, 266 (note only a=1)	17,56,130 149 426, 425 122-128 223-228, 230-233	Corbett 5 a day Complete the skills check sheet FAA1.1 Exam Paper 4 Hegarty Fix Up 5/Memri
14 th March	Units of measure Estimating Best Buys Pie charts Probability 2 Direct and inverse proportion	349a-349d, 215 210 163-164 247,248,252 254-255	691-699 131 763-767 427-429 356,361-362 342-344	Corbett 5 a day Complete the skills check sheet FAA2.1 Exam Paper 5 Hegarty Fix Up 5/Memri
21 st March	Sequences Plans and elevations Scatter graphs Compound units Pythagoras' Theorem 2	287,288,290 354 165-168 299,384-385, 171 260,263	196-198 837-844 453-454 716-737 501,503	Corbett 5 a day Complete the skills check sheet FAA3.1 Exam Paper 6 Hegarty Fix Up 5/Memri
28 th March	Inequalities Vectors Fractions 2 Quadratic Graphs Trigonometry Volume & Surface Area 2	177-179 353a 132-146 264 329-331 359-361,313-314	265-272 622-625 60-72 260, 253 508-513 576,580,587-588	Corbett 5 a day Complete the skills check sheet FAA4.1 Exam Paper 7 Hegarty Fix Up 5/Memri
See your Easter Pack for Easter revision guidance				
18 th April	Frequency Trees Forming and solving equations Constructions & Loci Circles 2 Simultaneous equations	376 16,115 72,78,77 47,46,58,243 295	368-369 151-153,176,188 660-663,674-676 544-547 190-192	Corbett 5 a day Complete the skills check sheet FAA5.1 Exam Paper 8 Hegarty Fix Up 5/Memri
25 th April	Bearings Averages and Range 2 Percentages 2 Congruent & similar shapes Rearranging formulae	26 51,54,55 239,238,236 680,291-292 7	492-496 414-418 89-96 608-614 280-282	Corbett 5 a day Complete the skills check sheet FAA6.1 Exam Paper 9 Hegarty Fix Up 5/Memri

Examination dates

Paper 1 (Non-calculator) 20th May (am)
Paper 2 (Calculator) 7th June (am)
Paper 3 (Calculator) 13th June (am)

w/b	Topics	Corbett Maths	Hegarty ref.	Suggested activities
17 th January	<i>Expanding and Factorising 1</i> Fractions Substitution Area of shapes Transformations	13-117 132-146 20 40-42,44-49 325-326, 272-275, 104-108	160-161, 170-171 65-72, 77-80 780-789 553-559 637-658	Corbett 5 a day Complete the skills check HB1.1 or HA1.1 Exam Paper 16 Hegarty Fix Up 5/Memri
24 th January	<i>Decimals</i> Ratio Circles Probability (inc. Trees) Expanding and Factorising (2)	90-95 269-271e 59-63, 243 250, 252 14,15,118-120	46-51 330-335 534-547 353, 356-367 162-165, 166 223-226, 227-228	Corbett 5 a day Complete the skills check HB2.1 or HA2.1 Exam Paper 17 Hegarty Fix Up 5/Memri
31 st January	<i>Rounding & Estimating</i> Real-life graphs Angle Properties Sequences Percentages Solving Quadratics (factorising)	278,279a,280,215 160, 151-152 25, 37,33 32 287,288,290 233-240 266	56,112,130,131 894-895 481-486,560-565 196-198 84-98 230-233	Corbett 5 a day Complete the skills check HB3.1 or HA3.1 Exam Paper 18 Hegarty Fix Up 5/Memri
7 th February	<i>Prime factors and HCF/LCM</i> Solving linear equations Pythagoras' Theorem Quadratic graphs Algebraic Fractions	223-224, 218-219 110 257-261, 263 264-265,267c 21-24	29-32, 34-36 177-186, 188-189 497-507 251-254,260 172, 187,229,244	Corbett 5 a day Complete the skills check HB4.1 or HA4.1 Exam Paper 19 Hegarty Fix Up 5/Memri
21 st February	<i>Proportion</i> Straight line graphs (inc. perp.) Volume of prisms Completing the square Circle Theorems	255a-256 185-198 355-358 10, 267a, 371 64-65, 65a-65f	339-341 177-185,205-216 567-574 235- 239 , 255- 256 594-602, 603-606, 816-820	Corbett 5 a day Complete the skills check HB5.1 or HA5.1 Exam Paper 20 Hegarty Fix Up 5/Memri
28 th February	Averages & range Laws of indices Trigonometry (SOHCAHTOA) Surface area Solving inequalities	50-57 172-175 329-332 310-312,315 178-182, 378-379	404-422 102-110 508-515 584-586 268-272, 277	Corbett 5 a day Complete the skills check HB6.1 or HA6.1 Exam Paper 21 Hegarty Fix Up 5/Memri

MATHS (Higher)

MATHS (Higher)

Additional information

Italics indicate basic topics
Bold type indicates more challenging higher content.

<p>Firefly</p> 	<p>Hegarty Maths</p> 	<p>Corbett Maths</p> 
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Top tips for revision

- Do not just read your notes...
- To revise maths, you must **do** maths
 - Have a go at questions
 - Show all your working
 - Mark your work
 - See your teacher with any questions

w/b	Topics	Corbett Maths	Hegarty ref.	Suggested activities
7 th March	<i>Bar Charts</i> Non-linear graphs FDP Solving quadratics (formulae) Standard Form	147-148 344, 345 ,346 129-131, 96 267, 267b 300-303	425 298-301, 302 149,53-54 241-242, 243 122-128	Corbett 5 a day Complete the skills check HA1.1 or HAA1.1 Exam Paper 4 Hegarty Fix Up 5/Memri
14 th March	<i>Units of measure</i> Iteration Probability (2) Trigonometry: Graphs Equations of Circles Direct and inverse proportion	349a-349d 373 379-380,383 338-341 12, 372 254-255	691,705 322 372-380,383-391 303-306 314-316 342-348	Corbett 5 a day Complete the skills check HA2.1 or HAA2.1 Exam Paper 5 Hegarty Fix Up 5/Memri
21 st March	<i>Best Buys</i> Compound Units Cumulative frequency Upper and Lower Bounds Quadratic sequences Transformations of graphs	210 171,299,384-385 149-150, 153-154 183-184 388a-388c 323-324	763-772 716-738,876-886 437-440 137-139 247-250 307-313	Corbett 5 a day Complete the skills check HA3.1 or HAA3.1 Exam Paper 6 Hegarty Fix Up 5/Memri
28 th March	<i>Pie charts</i> Volume & Surface Area 2 Vectors Inequalities Histograms Simultaneous Equations (inc. linear & quadratic)	163-164 359-361,313-314 353-353a 177-182,378 157-159 295-297, 298	427-429 575-583,587-591 622-636 266-277 442-449 190-195, 246, 259 , 218-219	Corbett 5 a day Complete the skills check HA4.1 or HAA4.1 Exam Paper 7 Hegarty Fix Up 5/Memri
See your Easter Pack for Easter revision guidance				
18 th April	<i>Scatter graphs</i> Forming and solving equations Similar Shapes Trigonometry (2) Graph (extensions)	165-168 16,115 291-294 333-337 389, 390a-390b	453-454 151-153,176-188 608-621 516-533 888, 890-893	Corbett 5 a day Complete the skills check HA5.1 or HAA5.1 Exam Paper 8 Hegarty Fix Up 5/Memri
25 th April	<i>Plans & elevations</i> Bearings, construction and loci Rearranging formulae Surds Functions Proof	354 72,78,77 7-8 305-308 369-370 365-366	837-844 660-663,674-676 280-287 111-119 288-289, 293-297 324-327	Corbett 5 a day Complete the skills check HA6.1 or HAA6.1 Exam Paper 9 Hegarty Fix Up 5/Memri

Examination dates

Paper 1 (Non-calculator) 20th May (am)
Paper 2 (Calculator) 7th June (am)
Paper 3 (Calculator) 13th June (am)

w/b	Topics	Revisit work	Suggested activities
17 th January	Cell biology Cell Structure & Mitosis (Papers 1 & 2) 	Cell structure (Eukaryote and prokaryote) Cell specialisation and differentiation Microscopy Culturing microorganisms Cell division Stem cells Transport in cells	Draw & labels cells from memory (then check). Review microscopy using Doodle animations (x3) and interactive activities (x2). Compare mitosis and meiosis in a paragraph. Compare cell transport in cells in a table. Create a mind map to include all the key words from this topic. my-gcse-science videos.
24 th January	Homeostasis and response (Paper 2) 	Homeostasis The nervous system Hormonal coordination Separate only: Plant hormones* Reproductive hormones Negative feedback (HT only)	Use the s-cool.co.uk website. Annotate a body outline with essential information on this topic. Use physical touch to stimulate memory for menstrual cycle (touching back of head for the pituitary gland and hip for ovaries) Be able to label diagrams & draw from memory. my-gcse-science videos.
31 st January	Organisation (Paper 1) 	The digestive system Heart, blood and circulation Coronary Heart Disease (a non-communicable disease) Health issues Effect of lifestyle Cancer Plant tissues and organ systems	Label a diagram of the digestive system including as much information as possible. Draw a flow chart for the circulatory system. Know 5 fixes for heart issues. Recall from memory health issues, lifestyle and cancer facts, then check them. Create a mind map to link all the key words from this topic. Doodle activities.
7 th February	Infection and response (Paper 1) 	Communicable diseases (all types) Human defence systems Vaccination Antibiotics and painkillers Discovery and development of drugs [Separate] Monoclonal antibodies*	Be able to name the diseases and know which group of microorganism causes them. List non-specific & specific defence responses. Draw the vaccination graph from memory and be able to describe and explain the shape. [Separate] List the steps in Monoclonal antibody production.* Create a mind map to include all the key words from this topic.
21 st February	Bioenergetics (Paper 1) 	Photosynthetic reaction Rate of photosynthesis Uses of glucose in plants Aerobic and anaerobic respiration Response to exercise Metabolism	Recall both reactions in word and symbol form. [HT only] Draw and explain the limiting factor graphs. Recap the pondweed required practical. Create a mind map to include all the key words, including linking these essential ideas to as many areas of paper 1 & 2 as possible. This topic will be tested on either paper.
28 th February	Inheritance, variation & evolution (Paper 2) Meiosis (Papers 1 & 2) 	Sexual and asexual reproduction DNA and the genome Genetic inheritance & inherited disorders Meiosis and Variation Selective breeding & genetic engineering [Separate] Gregor Mendel & Cloning* Evolution, fossils & resistant bacteria Classification of living organisms	Practice using the genetic inheritance terms with Doodle. Break down complex words to learn them. Be able to recall the process for selective breeding, genetic engineering (and cloning)* Know the 7 classification levels and binominal naming: make a poem/memorable rhyme. Interlink as many ideas as possible.

Additional information | **Bold text is Higher Tier only** | **Bold text and * is Higher Tier Separate Biology only.**

GCSE Biology Firefly 	AQA 	Physics and maths Tutor (Biology revision) 	Maths made easy 	Studywise 	Doodle 
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w/b	Topics	Revisit work	Suggested activities
7 th March	Ecology (Paper 2) 	Communities Abiotic and biotic factors Adaptations (plant and animal) Organisation of an ecosystem Biodiversity and human impact Separate only: Trophic levels* Separate only: Food production*	Write a method to use quadrats to investigate abundance, and another to use quadrats and transects to investigate distribution due to a changing factor. Draw the carbon cycle and water cycle from memory, check for anything missing. Separate only: Pyramids of biomass construction.*
14 th March	Mathematical requirements 	Standard form Significant figures Formulas Displaying data Graphs Simple probability Calculating areas Surface area Rate	Kerboodle textbook (Biology pg320-335; Trilogy pg254-269.) Answer questions from textbook. Kerboodle maths skills: 21 Interactive activities are available and are all hyperlinked from the Biology revision resources page. Create a mindmap or infographic of the key maths skills and terminology.
21 st March	Required practical activities – Planning 	Hypothesis Apparatus (equipment) Methods (including alternative methods) Techniques	1. List and spell the correct apparatus. 2. State the hypothesis. 3. Be able to write a detailed method on how to undertake the practical. 4. Be aware of alternative methods of how to test the hypothesis.
28 th March	Required practical activities – Data validity & analysis 	Variables Identifying hazards Minimising risks Typical graphs and data handling Links to scientific concepts (knowledge and understanding)	- Independent variable (1 only, usually left on a table of results, goes on the x axis) - Dependent variable (1 only, where you record your results, the thing that you count or measure, goes on the y axis) - Control variables: be ready to list as many as possible here. These are so that only the independent variable affects the dependent variable. Recall the hazard & risks Relate to knowledge from that topic.
18 th April	Paper 1 	Cell biology Organisation Infection and response Bioenergetics Required practical activities	Add missing information in a different colour. Use the wording from the specification. This is the exact phrasing used in the mark schemes. Create a paper 1 A3 super mindmap. Tackle your weakest topics first.
25 th April	Paper 2 	Homeostasis and response Inheritance, variation and evolution Ecology Required practical activities	Add missing information in a different colour. Use the wording from the specification. This is the exact phrasing used in the mark schemes. Create a paper 2 A3 super mindmap. Tackle your weakest topics first. Double check the cross-paper topics

Examination dates

Combined Science Trilogy and Separate Science	
Paper 1	17 th May (am)
Paper 2	15 th June (am)

w/b	Topics	Revisit work	Suggested activities
17 th January	Atoms, elements and compounds. Separating mixtures. Chapter 1 (Paper 1)	History and models of the atom. Atomic structure and electronic structures for atoms and ions. Size of atoms. Isotopes and relative atomic mass. Writing and balancing chemical equations. Review separating techniques: Filtration, distillation, chromatography and fractional distillation.	Refer to revision guide and Kerboodle textbook. End of topic summary questions in textbook. Refer to mini topic quiz and revision resources on doddle. Refer to Practical 6 Chromatography. Quick Quiz chapter 1 on Kerboodle. Mind maps/ flash cards of key vocabulary etc. Maths: Size of an atom, using standard form.
24 th January	The Periodic Table Chapter 2 (Paper 1)	Development of the periodic table. (history) Modern periodic table, groups and periods. Electronic structures and the periodic table. Group 1 Group 7 Group 0 Transition metals V group 1 metals*	Refer to Kerboodle textbook. End of topic summary questions in textbook. Refer to mini topic quiz and revision resources on doddle. Quick Quiz chapter 2 on Kerboodle. Mind maps/ flash cards of key vocabulary etc.
31 st January	Structures and Bonding Chapter 3 (Paper 1)	Solids liquids and gases, melting points and boiling points. All three types of bonding. Structures and properties for Ionic simple covalent, giant covalent and metallic structures. Nanoparticles sizes* Uses of nanoparticles*	Refer to revision guide and Kerboodle textbook. End of topic summary questions in textbook. Refer to mini topic quiz and revision resources on doddle. Quick Quiz chapter 3 on Kerboodle. Mind maps/ flash cards of key vocabulary etc. Maths Skills: nano sizes and use of standard form, unit conversions*.
7 th February	Calculations in Chemistry Chapter 4 (Paper 1)	Conservation of mass and balancing equations Uncertainty of results Relative formula mass Moles - Calculating mass of reactants/products and using moles to balance equations Limiting reactants Concentration of solutions Percentage yield*, Atom economy*, Titration calculations*, Volumes of gases*	Refer to revision guide and Kerboodle textbook. End of topic summary questions in textbook. Refer to mini topic quiz and resources on doddle. Refer to Practical 2 Neutralisation (titrations)* Quick Quiz chapter 4 on Kerboodle. Mind maps/ flash cards of key vocabulary etc. Maths skills: ratios, percentages.
21 st February	Chemical changes Chapter 5 (Paper 1)	Reactivity of metals, displacement reactions, extraction of metals Reduction and oxidation (in terms of oxygen) Reduction and oxidation (in terms of electrons - OIL RIG), Half equations Making soluble salts pH scale and neutralisation Titrations* Strong and weak acids	Refer to revision guide Kerboodle textbook. End of topic summary questions in textbook. Refer to mini topic quiz and revision resources on doddle. Refer to Practical 1 Making a Salt. Quick Quiz chapter 5 on Kerboodle. Mind maps/ flash cards of key vocabulary etc. Maths skills: calculating concentration. Changes in concentration and pH changes.
28 th February	Electrolysis Chapter 6 (Paper 1)	Electrolysis of molten ionic compounds Extraction of metals Electrolysis of aqueous solutions Half equations (OILRIG)	Refer to revision guide and Kerboodle textbook. End of topic summary questions in textbook. Refer to mini topic quiz and revision resources on doddle. Refer to Practical 3 Electrolysis. Quick Quiz chapter 6 on Kerboodle. Mind maps/flash cards of key vocabulary etc.

Additional information

Chemistry firefly	Doddle learn	Kerboodle	You tube videos	Oak Academy	Past papers	Seneca
						

w/b	Topics	Revisit work	Suggested activities
7 th March	Energy changes Chapter 7 (Paper 1)	Exothermic and endothermic reactions Reaction profiles Calculating Energy changes (bond energy calculations) Chemical cells and fuels cells*	Refer to revision guide and Kerboodle textbook. End of topic summary questions (textbook). Refer to mini topic quiz and revision resources on doddle. Quick Quiz chapter 7 on Kerboodle. Mind maps/ flash cards of key vocabulary etc. Refer to practical 4 Investigating temperature changes. <i>Practice paper 1 from AQA or Kerboodle.</i>
14 th March	Rates of reaction and Equilibrium Chapter 8 (Paper 2)	Calculating rates/ gradients on graphs. Collision theory and activation energy Factors affecting rates Reversible reactions and equilibrium The effect of changing conditions on equilibrium: concentration, temperature and pressure	Refer to revision guide and Kerboodle textbook. End of topic summary questions in textbook. Refer to mini topic quiz and revision resources on doddle. Refer to Practical 5 Investigating concentration and rates of reaction <i>TWO</i> practical methods to learn- Volume of gas (continuous monitoring) and change in opacity (disappearing cross) average rate method. Quick Quiz chapter 8 on Kerboodle. Mind maps/ flash cards of key vocabulary etc. Maths skills: rates and graphical interpretation, gradients and rate units.
21 st March	Organic Chemistry Chapter 9 <i>All pupils (Chapters 10 and 11 Separate Chemistry).</i> (Paper 2)	Crude oil and fractional distillation. Properties of hydrocarbons and alkanes Cracking (chapter 9) Alkenes, Alcohols and Carboxylic acids* (Chapter 10) Addition and condensation polymerisation* Amino acids + DNA* (Chapter 11)	Refer to revision guide and Kerboodle textbook. End of topic summary questions in textbook. Refer to mini topic quiz and revision resources on doddle. Quick Quiz chapter 9, 10* and 11* on Kerboodle. Mind maps/ flash cards of key vocabulary etc. Learn key structures.
28 th March	Chemical Analysis Chapter 12 (Paper 2)	Pure and impure, formulations, Chromatography and Rf values. Tests for oxygen, carbon dioxide, hydrogen and chlorine. Flame tests* Testing for metal hydroxides, carbonates, halides, and sulphates* Instrumental methods of analysis*	Refer to revision guide and Kerboodle textbook. End of topic summary questions in textbook. Mini topic quiz and revision resources on doddle. Quick Quiz chapter 12 on Kerboodle. Mind maps/ flash cards of key vocabulary etc. Make sure you have reviewed practical 6 Chromatography (see chapter 1). SEP ONLY: Review practical 7 Chemical analysis.
18 th April	Chemistry of the Atmosphere Chapter 13 (Paper 2)	The Earth's early atmosphere, changes in the atmosphere. The Greenhouse effect, global warming and climate change Carbon footprint and methods of reduction Sources, effects and properties of atmospheric pollutants CO, CO ₂ , SO ₂ , C (particulates), Oxides of Nitrogen.	Refer to revision guide and Kerboodle textbook. End of topic summary questions in textbook. Refer to mini topic quiz and revision resources on doddle. Quick Quiz chapter 13 on Kerboodle. Mind maps/ flash cards of key vocabulary etc.
25 th April	Earth's resources and Using Resources Chapter 14 <i>All pupils Chapter 15 Separate Chemistry only.</i> (Paper 2)	Finite resources, Potable water and wastewater treatment. Alternative methods of extracting metals Life cycle assessment, reduce reuse recycle Chapter 15* Corrosion and its prevention* Alloys* Ceramics, polymers and composites*, The Haber process*, NPK fertilisers*	Refer to revision guide and Kerboodle textbook. End of topic summary questions in textbook. Practical 8 purify and test water samples. Refer to mini topic quiz and revision resources on doddle. Quick Quiz chapter 14, 15* , 16* on Kerboodle. Mind maps/ flash cards of key vocabulary etc. SEP only: apply reversible reactions theory to Haber Process*.

Examination dates

Combined Science Trilogy and Separate Science	
Paper 1	27 th May (am)
Paper 2	20 th June (am)

w/b	Topics	Revisit work	Suggested activities
17 th January	Unit 1 Energy (Paper 1)	Energy Efficiency Insulating your home Generating electricity Specific Heat Capacity Potential energy Kinetic energy Power	Complete all firefly revision tasks for unit 1 (Energy) – P1, P2 and P3. Refer to Kerboodle textbook (Chapters 1,2 and 3) answer and mark end of topic questions and summary questions from Firefly. Review required practical 1 and 2: Specific heat capacity and thermal insulation* Access relevant Doodle/Quizlet/Kahoot activities via Firefly Complete Seneca for unit 1 Energy Complete and mark Topic 1 Energy (p1-6) in the level 8-9 workbook* Different revision idea: Use revision guides to make mind maps or revision notes.
24 th January	Unit 2 Electricity (Paper 1)	Static * Circuit symbols Current and Potential Difference Series and parallel circuits Resistance Charge / Power / Energy Plugs, fuses and the earth wire AC/DC Paying for electricity Transformers	Complete all firefly revision tasks for unit 2 (Electricity) – P4 and P5. Refer to Kerboodle textbook (Chapter 4 and 5). Answer and mark end of topic questions and summary questions from Firefly. Review required practical 3 and 4: resistance in a wire and I-V characteristics Access relevant Doodle/Quizlet/Kahoot activities via Firefly Complete Seneca for unit 2 – Electricity. Complete and mark Topic 2 Electricity (p7-13) in the level 8-9 workbook* Look at Freesciencelessons via Firefly (go over these topics in your CGP guides) Different revision idea: Quick fire questions with someone testing you.
31 st January	Unit 3 Particle model of matter (Paper 1)	Particle model Density Internal energy Specific Latent Heat Particle motion in gases Gas pressure *	Complete all firefly revision tasks for unit 3 (Particle model of matter) – P6. Refer to Kerboodle textbook (Chapter 6). Answer and mark end of topic questions and summary questions from Firefly. Review required practical 5: Density. Access relevant Doodle/Quizlet/Kahoot activities via Firefly Complete Seneca for Unit 3 – Particle model of matter Complete and mark Topic 3 Particle Model of Matter (p14-18) in the level 8-9 workbook*
7 th February	Unit 4 Atomic structure (Paper 1)	Structure of an atom Mass and atomic number, Isotopes Previous models of the atom Nuclear equations Alpha, beta decay Half-life & contamination Background radiation * Fission / Fusion *	Complete all firefly revision tasks for unit 4 (Atomic structure) – P7. Refer to Kerboodle textbook (Chapter 7). Answer and mark end of topic questions. Complete Seneca for Unit 4 – Atomic structure. Complete and mark Topic 4 Atomic structure (p20) and mixed questions from paper 1 (p24) in the level 8-9 workbook* Different revision idea: Create revision post-it notes to stick in unusual places in your house. Radioactivity sections from the full AQA GCSE Physics video from Physics online YouTube channel. Firefly). Extra challenge: Create 1 A3 poster which contains all the revision for paper 1!
21 st February	Unit 5 Forces (Paper 2)	Scalars and vectors Contact & N-contact Forces and gravity Work / Elasticity Moments, levers & gears* Pressure D-T graphs / V-T graphs Newton's Laws Stopping distances Momentum Change in momentum*	Complete all firefly revision tasks for unit 5 (forces) – P8, P9, P10 and P11. Refer to Kerboodle textbook (Chapters 8, 9, 10 and 11) answer and mark end of topic questions and summary questions from Firefly. Review required practicals 6 and 7: force & extension and acceleration Complete Seneca for unit 5 forces. Complete and mark Topic 5 forces (p29-40) in the level 8-9 workbook* Different revision idea: LOKI. This idea involves thinking of a route you walk regularly and linking ideas from forces to different sections on the route. E.g. a bus stopping can be linked to a definition for stopping distance. Look at Freesciencelessons via Firefly (go over these topics in your guide).
28 th February	Unit 6 Waves (Paper 2)	Period= 1/ frequency Transverse and Longitudinal waves P and S waves * Reflection * Refraction and wave speed Speed of sound The Electromagnetic spectrum Magnification /Ray diagrams * Lenses / visible light * Black body radiation * Sound waves / detection *	Complete all firefly revision tasks for unit 6 (waves) – P12, P13 and P14. Refer to Kerboodle textbook (Chapters 12, 13 and 14). Answer and mark end of topic questions and summary questions from Firefly. Review required practicals 8,9 and 10: Waves, radiation & Light * Access relevant Doodle/Quizlet/Kahoot activities via Firefly Complete Seneca For unit 6 - waves Complete and mark Topic 6 waves (p43-48) in the level 8-9 workbook* Different revision idea: Make condensed notes about waves and record yourself reading them out. Watch the recording back 3 more times. Look at Freesciencelessons via Firefly.

PHYSICS

PHYSICS

Additional information

Past papers: <https://www.aqa.org.uk/subjects/science/gcse>
Seneca (even if it is not set by a teacher, you can complete Seneca activities): <https://www.senecalearning.com/>
IsaacPhysics (some extremely challenging questions here! Push yourself!): <https://isaacphysics.org/>
Excellent quizzes to complete with answers given: <http://www.rswebsites.co.uk/science/quizzes/GCSE%20Physics%209-1/>
Excellent practice questions with answers: <https://www.cyberphysics.co.uk/Q&A/KS4/indexKS4Q&A.html>
Questions per topic: <https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/>
Also excellent for questions by topic: <https://mathsmadeeasy.co.uk/gcse-physics-revision/>
Every required practical: <https://www.youtube.com/watch?v=HAPmwu7byGM&list=PL-0dZdEk-XsJqjLFQ8Cx-D-YoRh6qYABq1>
All required practical tasks in 15 minutes (one video): <https://www.youtube.com/watch?v=wcnlxEejM3w>

w/b	Topics	Revisit work	Suggested activities
7 th March	Unit 7 Magnetism and electromagnetism (Paper 2)	Magnetic fields Fields of electric current Electromagnets in devices Motor/generator effect Alternating-current generator / motors Transformers Induced potential *	Complete all firefly revision tasks for unit 7 (Magnetic fields) – P15. Refer to Kerboodle textbook (Chapter 15). Answer and mark end of topic questions and summary questions from Firefly. Access relevant Doodle/Quizlet/Kahoot activities via Firefly Complete Seneca for unit 7 - Magnetism. Complete and mark Topic 7 Magnetism and electromagnetism (p50-52) in the level 8-9 workbook* Different revision idea: Make condensed notes about waves and record yourself reading them out. Watch the recording back 3 more times.
14 th March	Unit 8 Space physics (Physics only) (Paper 2)	Formation of the Solar System * Life of a star * Planets, satellites and orbits * Expanding Universe * Beginning/future of the Universe * Red Shift *	Complete all firefly revision tasks for unit 8 (Space) – P16. Refer to Kerboodle textbook (Chapter 16). Answer and mark end of topic questions and summary questions from Firefly. Access relevant Doodle/Quizlet/Kahoot activities via Firefly Complete Seneca for unit 8 – Space. Complete and mark Topic 8 Space Physics in the level 8-9 workbook* Different revision idea: create a poster describing the life cycle of a star and stick it on the ceiling above where you sleep. Look at Freesciencelessons via Firefly (go over these topics in your CGP guides).
21 st March	Equation practice	23 equations 12 further equations *	This year you are given the equations. This means more marks will come from rearranging and changing units. Write a detailed list of conversions. E.g how to convert mm (millimetres) to m (metres). Do this for pm, nm, μ m, mm, cm, km, Mm, Gm, Tm. Test knowledge of how to use equations with someone. Rearrange formula for each variable to make sure you know how to do it. Complete Seneca equation practice. Complete and mark Mixed questions from paper 2 (p58) in the level 8-9 workbook*
28 th March	Maths skills	Arithmetic and numerical calculations Handling data Equations Graphs Calculating percentages Decimal places / Significant figures Prefixes e.g. Giga, Mega	Attempt practice questions Set yourself Educake questions Go over past assessments Complete Seneca on your own now (what should you work on?). Complete and mark as many past paper questions as possible via the links on Firefly or directly from the AQA website. Watch Forces, waves, electromagnetism and space* sections from the full AQA GCSE Physics video from Science shorts (via Firefly).
18 th April	Required practicals 1	Topics: Energy Electricity Particle model of matter Atomic structure	RP 1 = Specific heat capacity, RP 2 = Thermal insulation * , RP 3 = Resistance in a wire, RP 4 = I-V characteristics, RP 5 = Density Watch each practical YouTube video link via Firefly and make notes. Read the required practical revision notes from Firefly. Attend after School or lunch session to try these practical activities again. Create a single revision poster which details the method, expected results and diagram for each practical. Complete the required practical question booklet on Firefly.
25 th April	Required practicals 2	Topics: Forces Waves	RP 6 = Force and extension, RP 7 = Acceleration, RP 8 = Waves – Frequency, wavelength & speed, RP 9 = Light – Reflection and Refraction * , RP 10 = Radiation and absorption Watch each practical YouTube video link via Firefly and make notes. Read the required practical revision notes from Firefly. Attend after School or lunch session to try these practical activities again. Create a single revision poster which details the method, expected results and diagram for each practical. Complete the required practical question booklet on Firefly. Watch the full 2h long video from Physics online YouTube channel which covers the entire AQA Physics course. Use all remaining time before exams to practice past paper questions.

Examination dates

Combined Science Trilogy and Separate Science
Paper 1 9th June (pm)
Paper 2 23rd June (am)

w/b	Topics	Revisit work	Suggested activities
17 th January	Christian Beliefs and Teachings Paper 1	Use pages 1-8 of your revision guide and your class notes from Year 9 as a starting point. You need to make sure you are particularly confident on the section about salvation and atonement as these are topics which people frequently mix up.	At the bottom of each page of your revision guide there are example exam questions. For the 1,2,4 and 5-mark questions practise completing them under timed conditions (1 mark per minute). For 12-mark questions either write a plan for points for & against the statement.
24 th January	Christian Practices Paper 1	Use pages 9-18 in your revision guide and your class notes from Year 9 as a starting point. You need to make sure that you are particularly confident on the different ways Christmas and Easter are celebrated, the difference between mission and evangelism and the importance of pilgrimage.	At the bottom of each page of your revision guide there are example exam questions. For the 1,2,4 and 5-mark questions practise completing them under timed conditions (1 mark per minute). For 12-mark questions either write a plan for points for & against the statement.
31 st January	Theme A: Relationships and Families Paper 2	Use pages 36-52 of the revision guide and your class notes from Year 10 as a starting point. You need to make sure that you are very confident about the difference between the nature and purpose of marriage and the difference between the nature and purpose of families . These are often mixed up which prevents pupils achieving the highest marks.	Make a table of Christian and Muslim teachings about contraception, sexual relationships before marriage and homosexual relationships. Aim to include a quote to back up each view. Answer the question "Explain two religious teachings about cohabitation. Refer to scripture or sacred writings in your answer" (5 marks).
7 th February	Theme D: Religion, Peace and Conflict Paper 2	Use pages 84 - 98 revision guide and your class notes from Year 10 as a starting point. You need to make sure that you are very confident about your knowledge of an individual who has worked for peace (the revision guide is particularly helpful for this) and the meaning of and Christian teachings about peace • justice • forgiveness • reconciliation.	Make a table of Christian and Muslim teachings about violence weapons of mass destruction and pacifism. Aim to include a quote to back up each view. Make a plan for the 12-mark question "Religion is the main cause of war and violence in the contemporary world" Evaluate this statement.
21 st February	Theme E: Religion, Crime and Punishment	Use pages 99 – 114 revision guide and your class notes from Year 10 as a starting point. You need to make sure that you are very confident about your knowledge of the sanctity of life, the principle of utility and attitudes towards different types of crime including murder, hate crime and theft.	Make a table of Christian and Muslim teachings about corporal punishment, death penalty and forgiveness. Aim to include a quote to back up each view. Make a plan for the 12-mark questions on page 105 and 106 of the revision guide.
28 th February	Islam Beliefs Paper 1	Use pages 19 - 28 and your class notes from Year 11 as a starting point. You need to make sure that you are confident about what the imam is and why it is important to some Muslims , the reasons why Muhammad is seen as a role-model and the 6 articles of faith and the five roots of usul ad-Din.	Make a detailed mind map of the 6 articles of faith. Around each of the articles make a smaller mind map of everything you can remember about it. Use your revision guide to add anything you have missed in a different colour. Do the same task for the five roots of Usul ad-Din. Learn the quotes from the sheet given by your teacher.

Additional information

There are past exam papers available on Firefly (Religious Studies Revision section).

There are also links to revision videos in the Religious Studies Revision section on Firefly. These talk through whole units of work so you could watch an entire video, or you could select the specific topics that you struggle with the most.

On the Religious Studies GCSE section there are linked revision resources to help with learning key words and quotes. Go to the page for the unit you are studying and select the link that is written after the specific topic that you want to revise.

w/b	Topics	Revisit work	Suggested activities
7 th March	Islam Practices Paper 1	Use pages 28 – 35 of the revision guide and your notes from your Year 11 book to help you. You need to make sure that you are confident about prayer (salah), Hajj and Jihad particularly. You should also make sure that you have learned key quotes for this topic. The examiner's report and feedback from the exam last year highlighted that a lack of quotes in 5- and 12-mark questions stopped people achieving the highest marks for this topic.	Learn the quotes from the sheet provided by your teacher. At the bottom of each page of your revision guide there are example exam questions. For the 1,2,4 and 5-mark questions practise completing them under timed conditions (1 mark per minute). Plan answers to the 12-mark questions.
14 th March	Theme B: Religion and Life Issues	Use pages 54 – 68 of the revision guide and your notes from your Year 11 book to help you. You need to make sure you are confident in your knowledge of sanctity of life, quality of life, origins of the universe and origins of human life . You also need to make sure that you know both Christian and Muslim teachings about Abortion . • Euthanasia . • Animal experimentation	Make a table of Christian and Muslim teachings about Abortion, Euthanasia and animal experimentation. "Explain two religious beliefs about the afterlife. Refer to scripture or other sacred writing in your answer" (5 marks) Make a plan for the 12-mark questions on page 59 and 63 of the revision guide. There is a planning template on Firefly that you can use to help you).
21 st March	Theme A: Relationships and Families Paper 2	Focus on quotes: You must learn quotes to support your answer. The examiner's report and feedback from the exam last year highlighted that a lack of quotes in 5- and 12-mark questions stopped people achieving the highest marks for this topic.	Learn the quotes from this topic. Your class teacher has provided you with a list of quotes. This list is also on Firefly.
28 th March	Theme D: Religion, Peace and Conflict Paper 2	Focus on quotes: You must learn quotes to support your answer. The examiner's report and feedback from the exam last year highlighted that a lack of quotes in 5- and 12-mark questions stopped people achieving the highest marks for this topic.	Learn the quotes from this topic. Your class teacher has provided you with a list of quotes. This list is also on Firefly.
18 th April	Theme E: Religion, Crime and Punishment	Focus on quotes: You must learn quotes to support your answer. The examiner's report and feedback from the exam last year highlighted that a lack of quotes in 5- and 12-mark questions stopped people achieving the highest marks for this topic.	Learn the quotes from this topic. Your class teacher has provided you with a list of quotes. This list is also on Firefly.
25 th April	Theme B: Religion and Life Issues	Focus on quotes: You must learn quotes to support your answer. The examiner's report and feedback from the exam last year highlighted that a lack of quotes in 5- and 12-mark questions stopped people achieving the highest marks for this topic.	Learn the quotes from this topic. Your class teacher has provided you with a list of quotes. This list is also on Firefly.

Examination dates

Christianity and Islam Themes 16th May (am)
26th May (pm)

w/b	Topics	Revisit work	Suggested activities
17 th January	Unit 1 Fundamentals of Algorithms	<ol style="list-style-type: none"> Computational thinking including abstraction, decomposition, algorithmic thinking. How to produce and explain algorithms using pseudocode Analyse the efficiency of algorithms (by time only) Explain, compare and contrast search and sort algorithms 	Textbook – Section 1 Pseudocode PDF Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes
24 th January	Unit 2 Programming Topics 1-6	<ol style="list-style-type: none"> Data types: integer, real, Boolean, character and string Programming concepts: variables, constants, declaration, assignment, iteration, selection and subroutines (procedures and functions) Arithmetic operations: add, subtract, multiply, real division, DIV and MOD Relational and Boolean operations. Data structures: one- and two-dimensional 	Textbook – Section 2a Pseudocode PDF Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes
31 st January	Unit 2 Programming Topics 7-11	<ol style="list-style-type: none"> Input/Output commands String handling: length, position, substring, concatenation, character code, string conversions e.g. integer to string Random number generation. Subroutines: What are parameters, return values and local variables? What is the difference between a procedure and a function? Robust and secure programming: Create a simple validation check such as minimum length, empty string and whether data lies within a given range e.g. between 1 and 10. Testing: What is typical, extreme and erroneous? Errors: what are syntax and logic errors? 	Textbook – Section 2b Pseudocode PDF Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes GCSE Section on Firefly
7 th February	Unit 3 Fundamentals of Data Representation Topics 1 - 5	<ol style="list-style-type: none"> Number bases: What is decimal, binary and hexadecimal? Why do we use binary and hexadecimal? How do we convert between them all e.g. decimal to binary to hexadecimal? Units of information: bits and Bytes Binary arithmetic. Binary shift: Left and right shifts. Character code conversion – ASCII and Unicode 	Textbook – Section 3 Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes GCSE Section on Firefly
21 st February	Unit 3 Fundamentals of Data Representation Topics 6 - 8	<ol style="list-style-type: none"> What is a pixel? How are pixels used? Calculate the resolution of an image. Calculate the bit/colour depth of an image. How are resolution and colour depth linked to file size? Calculate the file size of an image. Convert binary into a black and white image. Convert a black and white image into binary. What are analogue and digital signals? Define sample, sample rate (Hz) and resolution (b) Calculate the size of a sound file. What is data compression? Why do we use it? Huffman trees. 	Textbook – Section 3 Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes GCSE Section on Firefly
28 th February	Unit 4 Computer Systems Topics 1 – 3	<ol style="list-style-type: none"> Define hardware and software. Truth tables for AND, OR, XOR & NOT gates. Create, modify and interpret simple logic circuit diagrams with up to 3 inputs using the correct symbols. Create and interpret simple Boolean expressions using the correct operators. What are system and application software? Why do we need an OS and utility programs? 	Textbook – Section 4 Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes GCSE Section on Firefly

COMPUTER SCIENCE

w/b	Topics	Revisit work	Suggested activities
7 th March	Unit 4 Computer Systems Topic 4	<ol style="list-style-type: none"> What is the difference between a high level and low-level language? What is machine code and assembly language? What are the advantages of low-level languages compared to high level languages? Why do we need translators? Interpreter, compiler and assembler. What are the main differences between the 3 types of translator and when would you use them? 	Textbook – Section 4 Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes GCSE Section on Firefly
14 th March	Unit 4 Computer Systems Topic 5	<ol style="list-style-type: none"> What is the Von Neumann architecture? What is the role of main memory? What are the 4 major components of a CPU? How do clock speed, number of cores, cache size and cache type affect the performance of the CPU? What is the Fetch-Execute cycle? What is secondary storage? What is RAM/ROM? How do solid state, magnetic and optical secondary storage devices work? What is cloud storage? Compare it to local storage. 	Textbook – Section 5 Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes GCSE Section on Firefly
21 st March	Unit 5 Fundamentals of Computer Networks	<ol style="list-style-type: none"> Define a network. Explain the benefits and risks. Describe PAN, LAN and WAN Wireless vs wired networks. Explain and draw star and bus topologies. What is a network protocol? Name the 10 common network protocols and what they are used for. Network security. Explain what authentication, encryption, firewall and Mac address filtering are. What are the 4 layers of the TCP/IP model? What is each layer for? Which protocols operate in which 	Textbook – Section 6 Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize GCSE Computer Science Practice and past papers folder Your notes
28 th March	Unit 6 Fundamentals of Cyber Security	<ol style="list-style-type: none"> Define cyber security. What is the purpose? Why do we use penetration tests? What are they for? What are white-box and black-box tests? What is social engineering, malicious code, weak and default passwords, misconfigured access rights, removable media, unpatched and/or outdated software? Detecting and preventing threats – what are biometrics, passwords, CAPTCHA, email/text 	Textbook – Section 7 Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes
18 th April	Unit 7 Relational Databases and SQL	<ol style="list-style-type: none"> What is a database? What is a relational database? Why are they used? Database concepts. What is meant by table, record, field, primary key and foreign key? SQL commands – INSERT, UPDATE & DELETE 	Textbook – Section 8 Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes GCSE Section on Firefly
25 th April	Unit 8 Ethical, legal and environmental impacts of digital technology on wider society	Explain the ethical, legal, privacy and environmental impacts and risks of: <ol style="list-style-type: none"> Cyber security Mobile technologies Wireless networking Cloud storage Hacking Wearable technologies Computer based implants 	Textbook – Section 8 Axsied Workbook CraignDave YouTube videos Computer Science Tutor YouTube videos BBC Bitesize Computer Science Practice and past papers folder Your notes GCSE Section on Firefly

COMPUTER SCIENCE

Examination dates

Paper 1	16 th May (pm)
Paper 2	27 th May (pm)

w/b	Topics	Revisit work	Suggested activities
17 th January	Qui suis-je?	VOCABULARY FOCUS: family, friends, relationships and describing people. making arrangements to go out, role models GRAMMAR FOCUS: Revise irregular verbs in the present tense, near future tense, perfect tense and imperfect tenses.	Revise all vocabulary for the topic using Studio vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Revise how to form the present, preterite and imperfect tense.
24 th January	Le temps de loisirs	VOCABULARY FOCUS: Revise vocabulary for sports, hobbies, music, social media, television and films. GRAMMAR FOCUS: Revise depuis + present tense and the imperfect tense. Revise using the comparative and superlative	Revise all vocabulary for the topic using Studio vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Grammar and translation activities from workbook
31 st January	Jours ordinaires, jour de fête	VOCABULARY FOCUS: Revise vocabulary for daily routine and family celebrations, revise vocabulary for festivals and traditions, and revise vocabulary for shopping for clothes. GRAMMAR FOCUS: Revise using <i>pouvoir</i> and <i>devoir</i> , revise using the pronoun <i>en</i> , revise using the <i>tu</i> and <i>vous</i> form.	Revise all vocabulary for the topic using Studio vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists:
7 th February	De la ville à la campagne	VOCABULARY FOCUS: Revise vocabulary for describing your town, village and region, revise vocabulary for future plans depending on the weather, revise vocabulary for community projects. GRAMMAR FOCUS: Revise present, perfect and future tenses, revise using the pronoun <i>y</i> , revise using negatives	Revise all vocabulary for the topic using Studio vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Revise notes on these different topics
21 st February	Le grand large	VOCABULARY FOCUS: Revise vocabulary for holidays, booking accommodation, ordering food in a restaurant, travelling, buying souvenirs and reporting holiday problems. GRAMMAR FOCUS: Revise conditional tense, revise using reflexive verbs in the perfect and the pluperfect tenses, revise using <i>en</i> + present participle, revise using <i>avant de</i> + infinitive.	Revise all vocabulary for the topic using Studio vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists:
28 th February	Qui suis-je?	VOCABULARY FOCUS: family, friends, relationships and describing people. making arrangements to go out, role models GRAMMAR FOCUS: Revise irregular verbs in the present tense, near future tense, perfect tense and imperfect tenses.	Revise all vocabulary for the topic using Studio vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Revise how to form the present, preterite and imperfect tense.

FRENCH

FRENCH

w/b	Topics	Revisit work	Suggested activities
7 th March	Au collège	VOCABULARY FOCUS: revise school vocabulary: subjects, teachers, school rules, school exchanges. GRAMMAR FOCUS: Revise past, present and future tenses, revise the imperfect tense, revise using <i>il faut</i> and <i>il est interdit de</i>	Revise all vocabulary for the topic using Studio vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists:
14 th March	Bon travail!	VOCABULARY FOCUS: Revise vocabulary for jobs, work preferences and jobs applications GRAMMAR FOCUS: Revise the subjunctive tense, revise using adverbs, and revise using direct object pronouns.	Revise all vocabulary for the topic using Studio vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists:
21 st March	Un oeil sur le monde	VOCABULARY FOCUS: Revise vocabulary for the environment, world issues, volunteering, and big events. GRAMMAR FOCUS: Revise using the passive, revise using indirect object pronouns.	Revise all vocabulary for the topic using Studio vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists:
28 th March	Oral exam preparation	THEME 1 Identity and Culture THEME 2 Local Area, holiday and travel THEME 3 School	Learn and practise oral booklets questions and answers Practise sample role plays from themes 1,2,3 Practise picture-based conversations from themes 1,2,3 Revise present continuous tense from grammar sheet for photo descriptions
18 th April	Oral exam preparation	THEME 1 Identity and Culture THEME 2 Local Area, holiday and travel THEME 3 School	Learn and practise oral booklets questions and answers Practise sample role plays from themes 1,2,3 Practise picture-based conversations from themes 1,2,3
25 th April	Oral exam preparation	THEME 4 Future aspirations, study, work THEME 5 International global dimension	Learn and practise oral booklets questions and answers Practise sample role plays from themes 4,5 Practise picture-based conversations from themes 4,5

Examination dates

Listening & Reading Writing 24th May (am)
16th June (pm)

Top tips for revision

- Revise vocabulary daily
- Practise your speaking questions
- Get someone to test you at home
- Do past papers
- Don't give up! There is a lot to learn.

Additional information

ORAL EXAM	WRITTEN EXAM	LISTENING & READING VOCABULARY
Check out Firefly for more support here 	Check out Firefly for more support here 	Check out Firefly for more support here 

w/b	Topics	Revisit work	Suggested activities
17 th January	Desconéctate	VOCABULARY FOCUS Discussing holidays and weather; Talking about holiday preferences; Booking accommodation; Dealing with problems; Describing a holiday in the past GRAMMAR FOCUS Present preterite and imperfect tense	Revise all vocabulary for the topic using Viva 4 vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Learn and practise speaking questions : Mi region, vacaciones y viajes Revise how to form the present, preterite and imperfect tense.
24 th January	Mi vida en el insti	VOCABULARY FOCUS Describing school; Giving opinions on school subjects; Describing school uniform and school day; School rules and problems; Plans for a school exchange GRAMMAR FOCUS Adjectives, Comparatives and superlatives Negatives, Near future tense, Object pronouns	Revise all vocabulary for the topic using Viva 4 vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Learn and practise speaking questions : La educación Revise how to form the near future tense.
31 st January	Mi gente	VOCABULARY FOCUS Talking about socialising and family; Talking about social networks; Talking about reading preferences; Talking about friends and family GRAMMAR FOCUS Adjectives; Present continuous; Connectives; Ser and Estar; Present tense; Preterite tense	Revise all vocabulary for the topic using Viva 4 vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Learn and practise speaking questions : La identidad y cultura Revise how to form the present, present continuous and preterite tense.
7 th February	Intereses e influencias	VOCABULARY FOCUS Talking about free time activities; TV programmes, film and sports; What's trending, Live entertainment; Talking about role models GRAMMAR FOCUS Stem changing verbs present tense Soler + infinitive (usually ...) Imperfect tense, Perfect tense algunos/ciertos/otros/muchos /demasiados/todos	Revise all vocabulary for the topic using Viva 4 vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Learn and practise speaking questions : La identidad y cultura Revise how to form the imperfect and perfect tense .
21 st February	Ciudades	VOCABULARY FOCUS Town and region; Shopping for clothes and souvenirs; Planning what to do; Talking about problems in a town; Describing a visit in the past GRAMMAR FOCUS se puede, future tense; Demonstrative adjectives; Conditional tense, Using idioms	Revise all vocabulary for the topic using Viva 4 vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Learn and practise speaking questions : Mi region, vacaciones y viajes Revise how to form the future and conditional tense.
28 th February	De costumbre	VOCABULARY FOCUS Mealtimes, Daily routine; Describing illness and injury; Foods, festivals, special days; Comparing different festivals; Ordering in a restaurant GRAMMAR FOCUS Passive voice, Preterite tense; Absolute superlatives; Expressions followed by infinitive	Revise all vocabulary for the topic using Viva 4 vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Learn and practise speaking questions : La identidad y cultura Revise how to form the preterite tense.

SPANISH

SPANISH

Additional information		
<p>ORAL EXAM Check out Firefly for more support here</p> 	<p>WRITTEN EXAM Check out Firefly for more support here</p> 	<p>LISTENING & READING VOCABULARY Check out Firefly for more support here</p> 

w/b	Topics	Revisit work	Suggested activities
7 th March	A currar	VOCABULARY FOCUS Different jobs, wages, work experience Importance of learning languages Applying for a summer job, gap years GRAMMAR FOCUS Soler + imperfect tense Imperfect, Preterite, Present continuous Indirect object pronouns, Conditional tense Cuando + subjunctive	Revise all vocabulary for the topic using Viva 4 vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Learn and practise speaking questions : El mundo de trabajo Revise how to form the present continuous, preterite and imperfect tense.
14 th March	Hacia un mundo mejor	VOCABULARY FOCUS Housing, Healthy Eating, Global issues Local actions, natural disasters Talking about international sporting events GRAMMAR FOCUS Present subjunctive, Pluperfect tense Imperfect continuous	Revise all vocabulary for the topic using Viva 4 vocabulary booklet Use flashcards/test/scatter and other games on quizlet lists: Learn and practise speaking questions : Hacia un mundo mejor Revise how to form the pluperfect and imperfect tense.
21 st March	Oral exam preparation	THEME 1 Identity and Culture THEME 2 Local Area, holiday and travel THEME 3 School	Learn and practise oral booklets questions and answers Practise sample role plays from themes 1,2,3 Practise photo-based conversations from themes 1,2,3 Revise present continuous tense from grammar sheet for photo descriptions
28 th March	Oral exam preparation	THEME 4 Future aspirations, study, work THEME 5 International global dimension	Learn and practise oral booklets questions and answers Practise sample role plays from themes 4,5 Practise photo-based conversations from themes 4,5 Revise present continuous tense from grammar sheet for photo descriptions
18 th April	Oral exam preparation	THEME 1 Identity and Culture THEME 2 Local Area, holiday and travel THEME 3 School	Learn and practise oral booklets questions and answers Practise sample role plays from themes 1,2,3 Practise photo-based conversations from themes 1,2,3 Revise present continuous tense from grammar sheet for photo descriptions
25 th April	Oral exam preparation	THEME 4 Future aspirations, study, work THEME 5 International global dimension	Learn and practise oral booklets questions and answers Practise sample role plays from themes 4,5 Practise photo-based conversations from themes 4,5 Revise present continuous tense from grammar sheet for photo descriptions

Examination dates

Listening & Reading Writing 26th May (am)
17th June (am)

Top tips for revision

- Revise vocabulary daily
- Practise your speaking questions
- Get someone to test you at home
- Do past papers
- Don't give up! There is a lot to learn.

w/b	Topics	Revisit work	Suggested activities
17 th January	Paper 1 – Challenge of Natural Hazards Types of natural hazards Plate tectonics. Natural hazards pose major risks to people and property.	The structure of the Earth Processes at Plate Margins The effects of, and responses to, a tectonic hazard vary between areas of contrasting levels of wealth (HIC Vs LIC). Case Study on Earthquakes The 3Ps	Sequenced Diagrams for plate movements. Flow diagrams to describe what happens at each boundary. Spider diagram for earthquake case studies (cause, effects, responses).
24 th January	Paper 1 – Challenge of Natural Hazards Tropical storms have significant effects on people and the environment. Weather hazards in the UK. Causes of Climate change and managing its effects.	Global atmospheric circulation helps to determine patterns of weather and climate. Location & causes of tropical storms Tropical Storm case study. Extreme weather events in the UK have impacts on human activity.	Diagrams for Global Atmospheric Circulation Describing climatic zones – how does the climate change as you move away from the equator? List of extreme weather events in the UK – know one example well.
31 st January	Paper 2 – Urban issues and challenges Growing percentage of people live in urban areas. Urban growth creates opportunities and challenges for cities in LICs and NEEs	Global pattern of urban change and factors that affect this in different countries. Opportunities and challenges for cities in LICs and NEEs. A case study on Rio (NEE) to illustrate challenges and how they are being overcome. (Self-help schemes, site and service schemes, Favela Bairro project)	Annotated maps- pull and push factors Spider diagrams for Rio Problems / solutions – health/ water/ education / safety etc
7 th February	Paper 2 – Urban issues and challenges Urban change leads to a variety of opportunities and challenges.	Urban change in the UK leads to social, economic and environmental opportunities and challenges. Overview of the distribution of population and the major cities in the UK. A case study of a major city in the UK to illustrate issues and opportunities.	Spider diagrams on London e.g. - London Docklands – regeneration - Shoreditch – Gentrification - London Olympic Park - regeneration - Brownfield vs Greenfield debate (where should we build new houses)
21 st February	Paper 2 – Urban issues and challenges Urban sustainability requires management of resources & transport.	Features of sustainable urban living.	Fact sheet Spider diagram Key terms
28 th February	Paper 1 – Physical landscapes of the UK The coast is shaped by physical processes. Different strategies can be used to protect coastlines	Types of weathering and mass movement Coastal processes (weathering, erosion, transportation) Coastal landforms Hard/ soft engineering Coastal management case study	Diagrams / flow-diagrams of the different landforms created by erosion and deposition Spider diagrams of hard and soft engineering solutions

Additional information

<p>Firefly: GCSE pages and revision pages BBC bitesize: all elements of theory covered (Physical and Human) Coolgeography.com: Detailed breakdown of each section and case studies AQA GCSE Geography: command words and hints and tips for the exam. CGP Revision Guides and accompanying workbook.</p>	<p>College of Earth and Environmental Sciences</p> 	<p>S-cool</p> 
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w/b	Topics	Revisit work	Suggested activities
7 th March	Paper 1 – Physical landscapes of the UK Distinctive river landforms result from different physical processes. Strategies can be used to protect from flooding.	Long and Cross profiles of rivers River processes (E/T/D) River landforms Managing flood- hard / soft engineering Managing floods	Diagrams / flow-diagrams Spider diagrams Snap with key words/ definitions Case study bingo
14 th March	Paper 2 – The changing economic world Global variations in economic development. Strategies exist for reducing the global development gap.	Different ways of classifying the world according to their level of economic development and quality of life. Different economic and social measures of development HDI DTM Causes of uneven development and strategies to reduce this. A case study of Nigeria (a NEE).	Spider diagrams Fact sheet Key terms Annotated maps
21 st March	Paper 2 – The changing economic world Major changes in the UK economy have affected employment patterns and regional growth.	Economic futures in the UK: Cause of change and regional divides. Evaluate strategies used to solve regional differences in eth UK	Annotated maps Spider diagrams Fact sheet Key terms
28 th March	Paper 1 – The living world Tropical rainforests have a range of characteristics. Deforestation has economic and environmental impacts.	The Nutrient Cycle Threats to ecosystems Structure of the rainforest and adaptations Case Study on Amazon Rainforest Methods of reducing deforestation.	Diagram for Nutrient Cycle Layers of rainforest with annotations for plant and animal adaptations Spider diagram on causes and effects of deforestation in the Amazon (+/-) for economic/ social/ environmental. Opinion continuum- Conservation vs development
18 th April	Paper 1 – The living world Deserts have a range of characteristics. Development of desert environments creates opportunities and challenges.	Characteristics of desert environments animals and plants Case Study on the Thar Desert	Diagrams/ annotations of adaptations Spider diagram on Thar Desert + /- Threats and management for desert environments- flow diagrams Opinion continuum- Conservation vs development
25 th April	Paper 2 – The challenge of resource management Food, water and energy are fundamental to human development. Demand for energy resources is rising globally but supply can be insecure. Strategies to manage energy supply.	The significance of food, water and energy well-being in the UK. An overview of global inequalities in the supply and consumption of resources. Global patterns of energy surplus and deficit Reasons for increasing energy consumption. Overview of strategies to manage energy supply: Example of a local scheme in an LIC or NEE to increase sustainable energy supplies.	Annotated maps Key terms / definitions Problems and solutions- spider diagram

Examination dates

Paper 1: Living with the physical environment	23 rd May (am)
Paper 2: Challenges in the human environment	7 th June (pm)
Paper 3: Geographical applications	14 th June (am)

w/b	Topics	Revisit work	Suggested activities
17 th January	Paper 1 Conflict and Tension Part 1	The big three/ Treaty of Versailles/ other Treaties	Create a revision mind map about the Treaty of Versailles. You should include the main aims of the big three and the terms of the Treaty and Germanys objections. Create 10-20 challenging questions (with answers) on the topic.
24 th January	Paper 1 Conflict and Tension Part 2	League of Nations/ Great Depression/ Manchurian Crisis/ Abyssinian Crisis	Create a fact sheet summarising the League of Nations. You should include the organisation of the League, and problems caused because of this, successes in the 1920's and the Manchurian and Abyssinian crises. Create a table comparing the Manchurian and Abyssinian crises (incl. impact on the League).
31 st January	Paper 1 Conflict and Tension Part 3	Hitler's Foreign policy/Second World War	Produce a timeline to show Hitler's foreign policy aims and how he achieved these between 1933 and 1939. 'The Remilitarisation of the Rhineland, 1936, was the greatest success for Hitler in achieving his foreign policy aims'. How far do you agree this statement? Explain your answer.
7 th February	Paper 1 Conflict and Tension	Exam practice	Go to the GCSE Section on Firefly and complete a past paper or a selection of questions from Conflict and Tension under timed conditions. Email the completed paper to your teacher for marking.
21 st February	Paper 1 Germany 1890-1945 Part 1	The First World War/ the Weimar Republic/ Treaty of Versailles/ Political Violence/ The Golden Age	Create a timeline on the main events in Germany before World War one, focusing on Kaiser Wilhelm's Foreign Policy. Using Germany 1890-1945 (Red Textbook) page 19 Interpretations B and C. 'Which Interpretation do you find more convincing about the impact of the Treaty of Versailles?' (8 marks)
28 th February	Paper 1 Germany 1890-1945 Part 2	The Depression/ Nazi party/ Hitler become Chancellor/ Opposition/ Night of the long knives	Split a page in two, on one side list the strengths of the Nazi Party by 1929. On the other, list the weaknesses. Produce a mind map to show how Hitler was able to become Chancellor. You should include the Wall Street Crash & Depression, weaknesses of the Weimar Republic, Hitler himself and propaganda.

HISTORY

HISTORY

Additional information				
Germany		Conflict and Tension, 1918-39	Britain and Migration	
				

w/b	Topics	Revisit work	Suggested activities
7 th March	Paper 1 Germany 1890-1945 Part 3	Ordinary Germans/ Economic policies/Young People/ Persecution of minorities/ Control/ Culture/ Opposition	How did the following enable the Nazis to maintain their dictatorship between 1933-1945? Propaganda/The Police State/Control of women and children. Create a mind map to show the effects of the Nazi economic policies on ordinary Germans. Colour code these to show social, economic and political factors.
14 th March	Paper 1 Germany 1890-1945	Exam Practice	Go to the GCSE Section on Firefly and complete a past paper or a selection of questions from Germany 1890-1945 under timed conditions. Email the completed paper to your teacher for marking.
21 st March	Paper 2 Britain: Migration, Empires and the People Part 1 and 2	The development of English identity and early imperialism.	Create a timeline that shows England's early imperial relations (from initial encounters between Anglo-Saxons and Vikings to the building of plantations in the Americas) you should add a brief summary to each event. How did the relationship between Britain and the rest of the world change between 793 and the 17 th century?
28 th March	Paper 2 Britain: Migration, Empires and the People Part 2 and 3	The Americas and the development of the British Empire	Explain significance of the Indian Rebellion of 1857 [8 marks] Create a poster that displays the impact of British rule of India on both Britain and India What was the Scramble for Africa and how was Cecil Rhodes involved? Why was the Suez Canal important for the development of the British Empire?
18 th April	Paper 2 Britain: Migration, Empires and the People Parts 3 and 4	Migration to, from and within Britain The end of Empire and Britain's relationship with Europe	What is the difference between forced and voluntary migration? Give examples to support your answer. Create fact files for the following people: Gandhi, Kwame Nkrumah and Jomo Kenyatta. How did each contribute to the independence of their countries?
25 th April	Paper 2 Britain: Migration, Empires and the People	Exam Practice	Go to the GCSE Section on Firefly and complete a past paper or a selection of questions from Britain and Migration and complete under timed conditions. Email the completed paper to your teacher for marking.

Examination dates

Paper 1 Section B 19th May (am)
 Paper 1 Section A 9th June (am)
 Paper 2 16th June (am)

w/b	Topics	Revisit work	Suggested activities
17 th January	Business in the real world (both papers) Business Operations (paper 1)	Purpose of business, reasons for starting a business, basic functions and types of business, business enterprise and entrepreneurship, dynamic nature of business. Methods of production: job & flow, efficiency in production: lean & just in time (JIT).	Revision guide P2-4, 34-35 Knowledge book P3-6, 24 Worksheet: access on Firefly refer to section 3.1,3,3
24 th January	Business in the real world (both papers) Business Operations (paper 1)	Sole traders, Partnerships, (ltd), (plc), Not-for-profit organisations. Just in time (JIT) & Just in case (JIC). Factors affecting choice of suppliers. The effects of procurement and logistics. The value of effective supply chain management. Working with suppliers. Getting goods and services for the best price and value. Cutting waste and costs.	Revision guide P5-7,35 Knowledge book P6-8,25-26 Worksheet: access on Firefly refer to section 3.1, 3,3
31 st January	Business in the real world (both papers) Business Operations (paper 1)	Aims and objectives. Consequences of quality issues. Methods of maintaining consistent quality. Total quality management (TQM). Methods and benefits of good service, dangers of poor customer service. The ways in which advances in ICT have allowed customer services to develop	Revision guide P8-9,36-41 Knowledge book P8-10,27-30 Worksheet: access on Firefly refer to section 3.1,3,3
7 th February	Business in the real world (both papers) Human Resources (paper 1)	Main stakeholders of businesses and their Objectives. Organisational structures and their appropriateness. Centralisation and decentralisation. The need for recruitment. Methods of recruitment and selection of employees. Contracts of employment	Revision guide P10,42-47 Knowledge book P10-11,31-36 Worksheet: access on Firefly refer to section 3.1,3,4
21 st February	Business in the real world (both papers) Human Resources (paper 1)	Factors influencing the location decision of a business Importance of motivation in the workforce Methods to motivate staff	Revision guide P13,49-50 Knowledge book P11,36 Worksheet: access on Firefly refer to section 3.1,3.
28 th February	Business in the real world (both papers) Human Resources (paper 1)	The purpose of business planning. The main sections within a business plan. Basic financial terms. Basic financial calculations Importance of training the workforce Types of training undertaken by businesses	Revision guide P11-12,48 Knowledge book P11-13,37-38 Worksheet: access on Firefly refer to section 3.1,3,4

Additional information		
<p>Tutor2U: Business</p> 	<p>BBC Bitesize</p> 	<p>Revision guide GCSE knowledge book</p>

w/b	Topics	Revisit work	Suggested activities
7 th March	Business in the real world (both papers) Marketing (paper 2)	Methods of expansion. Benefits and drawbacks of expansion. Economies of scale. Diseconomies of scale The importance of identifying and satisfying customer needs. Types of segmentation	Revision guide P14-16,54 Knowledge book P13-15,38-39 Worksheet: access on Firefly refer to section 3.1,3,5
14 th March	External influences (both papers) Marketing (paper 2)	E-commerce. Digital communication Purpose of market research & Collecting information. Methods of market research to include primary and secondary. Use of market research: information that may help decision making	Revision guide P21,54-56 Knowledge book P16,39-40 Worksheet: access on Firefly refer to section 3.2,3,5
21 st March	External influences (both papers) Marketing (paper 2)	Ethical considerations. Environmental considerations. Sustainability. Pricing methods. Product and product differentiation. The product life cycle. Product portfolio: Boston Matrix. Promotional methods. Factors influencing the selection of the promotional mix. Reasons for promotion. Place: distribution channel & E/M-Commerce	Revision guide P22,57-68 Knowledge book P17-18,40-50 Worksheet: access on Firefly refer to section 3.2,3,5
28 th March	External influences (both papers) Marketing (paper 2) Finance (paper 2)	Interest rates. Level of employment. Consumer spending. Integrated nature of the marketing mix. Using the marketing mix to inform and implement business decisions. Methods businesses use to raise finance. Appropriateness of sources of finance	Revision guide P23-25,53,71-72 Knowledge book P19,50,51-52 Worksheet: access on Firefly refer to section 3.23,5,3,6
18 th April	External influences (both papers) Finance (paper 2)	How UK businesses compete internationally. Exchange rates. Importance of cash to businesses. Interpreting cash flow forecasts. Difference between cash and profit. Basic financial terms. Basic financial calculations	Revision guide P27-28,76-78 Knowledge book P20-21,52-53 Worksheet: access on Firefly refer to section 3.2,3,6
25 th April	External influences (both papers) Finance (paper 2)	Employment law. Health and Safety law. Consumer law. Impact on businesses of operating in competitive markets. Uncertainty and risks businesses face Average rate of return. Break-even. Purpose of financial statements. Components of financial statements. Interpretation of data given on financial statements	Revision guide P24,26,29-31,73-75,79-87 Knowledge book P20-21,54-61 Worksheet: access on Firefly refer to section 3.2,3,6

Examination dates	
Paper 1: Influences of operations and HRM on business activity	20 th May (pm)
Paper 2: Influences of marketing and finance on business activity	13 th June (pm)

w/b	Topics	Revisit work	Suggested activities
17 th January	Blood Brothers Section B Context	*Re-read the entire Blood Brothers play *Use the 'Section B Revision Guide AQA' revision guide to revise the context of the play.	Use QR code for BBC bitesize (below) Task: Create a PowerPoint that details 10 events to give a plot summary. Upload the work to Firefly by Friday 21st January
24 th January	Blood Brothers Section B Characters	Use dramaonline to watch 30 minutes of a Live Theatre production and make notes on acting for 2 actors. I suggest Jane Eyre or Peter Pan.	Creating a PowerPoint – Characters Task: Create a PowerPoint that gives an overview of each character in the story. Include 4 examples of what the characters might wear for different sections in the play Include 4 examples of the inside of Mr & Mrs Lyons home Include 4 examples of the classroom Include 3 significant quotes for each character (to prepare for Q4 of Section B where you have to make reference to how playing a role in the given extract is relevant to the entire play) Upload the work to Firefly by Friday 28th January
31 st January	Blood Brothers Section B Q1	Use dramaonline to watch 30 minutes of a Live Theatre production and make notes on acting for 2 actors. I suggest Jane Eyre or Peter Pan.	Section B Question 1 Use the revision guide on the GCSE Drama firefly page, Component 1 (QR code below) Work through slides 1-18 of the powerpoint. Complete tasks. Upload your work to Firefly by 4th February
7 th February	Blood Brothers Section B Q2	Use dramaonline to watch 30 minutes of a Live Theatre production and make notes on acting for 2 actors. I suggest Jane Eyre or Peter Pan.	Section B Question 2 Use the revision guide on the GCSE Drama firefly page, Component 1 (QR code below) Work through slides 19-27 of the powerpoint. Complete tasks. Upload your work to Firefly by 18th February (end of half term)
21 st February	Blood Brothers Section B Q3	Use dramaonline to watch 30 minutes of a Live Theatre production and make notes on acting for 2 actors. I suggest Jane Eyre or Peter Pan.	Section B Question 3 Use the revision guide on the GCSE Drama firefly page, Component 1 (QR code below) Work through slides 27-30 of the powerpoint. Complete tasks. Upload your work to firefly by Friday 25th February
28 th February	Blood Brothers Section B Q4	Use dramaonline to watch 30 minutes of a Live Theatre production and make notes on acting for 2 actors. I suggest Jane Eyre or Peter Pan.	Section B Question 4 Use the revision guide on the GCSE Drama firefly page, Component 1 (QR code below) Work through slides 30-37 of the powerpoint. Complete tasks. Upload your work to firefly by Friday 4th March

Additional information

Essential
Blood Brothers by Willy Russell ISBN 978-0-413-76770-7

Firefly: GCSE Component 1



BBC Bitesize



w/b	Topics	Revisit work	Suggested activities
7 th March	Section C Live Theatre Review	<i>Make sure you know the following for your chosen Live Theatre Production;</i> Play title/playwright Director Names of actors you will focus on and the roles they play An overview of the plot, especially the scene you will refer to	Section C (32 marks) Use the revision guide on the GCSE Drama firefly page, Component 1 (QR code below) Work through slides 38 - 44 of the powerpoint. Complete tasks. Upload your work to Firefly by Friday 11th March
14 th March	Section A	Re-read the 'Section A Study Guide' (on GCSE Component 1 Resource' page on firefly)	Section A (4 marks) Use the revision guide on the GCSE Drama firefly page, Component 1 (QR code below) Work through slides 45 – 49 of the powerpoint Complete tasks. Upload to Firefly by Friday 18th March
21 st March	Keywords	<i>Is your Blood Brothers text completely annotated with themes</i>	Keyword acronyms Create acronyms, that you can jot down as soon as you start the exam, to cover each question for Section B 1. Vocal characterisation 2. Physical characterisation 3. Use of performance space (Q3) Upload to Firefly by Friday 25th March
28 th March	Section C Live Theatre	Answer this question; <i>Describe how one or more of the actors in a particular scene or section used their vocal and physical acting skills to create convincing characters. Analyse and evaluate how successful they were in communicating their character to the audience. You should make reference to the use of voice, physical skills and the actors' use of space.</i>	Section C (32 marks) Set a timer to 40 minutes. Answer the question in the column to the left, without reference to revision materials Upload to firefly by Friday 1st April
18 th April	Section A Theatre roles and terminology	Reread the 'Section A Study Guide' on firefly	Creating a quiz for Section A Create 10 multi choice questions on a PowerPoint. Write the question on one slide and the answer on the next, 20 slides in total. Upload to Firefly by Friday 22nd April
25 th April	Past paper	Re-read 'Avoiding common mistakes'	Past paper practice Choose a past paper from 'Past Papers and Mark Schemes' (scroll down for Blood Brothers) Handwrite your answers, unless you usually type. Give yourself 1hr 45 minutes, or 2 hours if you are entitled to extra 25% Upload the past paper to firefly by Friday 29th April

Examination dates

GCSE Drama written paper Thursday 19th May 2022 1 hour 45 minutes

w/b	Topics	Revisit work	Suggested activities
17 th January	Chapter 1 pgs. 2-21 Food, Nutrition & Health Macronutrients	Protein Fats & Oils Carbohydrates	Make Mind Map or Flash Cards or Revision Notes Include for each of the Macronutrients - Function - Sources - DRV's - Deficiency & Excess in a diet Protein. What is it (HBV/LBV, Essential AA's, DRV's for life stage)? Review all notes that include fats and oil. Types (saturated & unsaturated), Visible & Invisible, Animal & Vegetable, Triglyceride, Essential Fatty Acids, Monounsaturated, Polyunsaturated, Essential Fatty Acids. Carbohydrates - Sugars, starches, fibre (NSP)
24 th January	Chapter 1 pgs. 22-37 Food, Nutrition & Health Micronutrients	Vitamins Minerals Water	Function in the Body - Sources - Deficiency - Excess - DRV's for life stages Fat soluble vitamins ADEK Water Soluble Vitamins - Make your own revision resource for each one B1 - Thiamine, B2 - Riboflavin, B9 - Folic Acid, B12 - Cobalamin, Vitamin C Learn about antioxidants - Review Free radicals ACE (vitamins A, C, E) Cooking methods, losing nutrition in cooking. Minerals: Calcium, Iron, Sodium, Fluoride, Iodine, Phosphorus: Sources - Deficiency - Excess
31 st January	Chapter 2 pgs. 38-77 Nutritional Needs & Health	Making informed choices about a varied and balanced diet Energy needs How to carry out a nutritional analysis	This is linked to NEA. When you have used the "explore food" programme on foodfactoflife.org.uk you should have been able to understand the nutritional needs as you chose your gender and age group. Review the Eatwell guide and understand the colours, quantities and all the information which is on the new Eatwell Guide. Produce a revision resource to show the nutritional requirements for key client groups.
7 th February	Chapter 3 pgs. 78-104 Cooking of food and heat transfer	Why food is cooked and how heat is transferred to food. Selecting appropriate cooking methods	This is knowledge based on all your practical skills as well as science links to Conduction, Convection and Radiation - use the online book to draw diagrams of the different methods and practice labelling the advantages and disadvantages. Protein is denatured by heat (boiled egg) Vitamins are lost in cooking water. Some methods use extra fat - considered unhealthy. E.g. McDonalds deep frying apple pie
21 st February	Chapter 4 pgs. 105-157 Functional & Chemical Properties of Food	Proteins Carbohydrates Fats & Oils Raising Agents	Review all your information on macro nutrients, raising-agents and pastry from the work you did in Year 9 / 10 on raising agents. Review your research with a study buddy asking each other questions.
28 th February	Chapter 5 pgs. 158-184 Food Spoilage & Contaminations	Micro-organisms & enzymes The signs of food spoilage Micro-organisms in food production	Key word research Use the online book to review - fridge/freezer and storage temperature requirement to reduce bacteria growth. Task - Write 5 multiple choice questions to share with the class or for self-testing Q1 Microorganisms, Q2 Enzymes Q3 Food spoilage Q4 Food production Q5 Bacteria

Additional information

<http://www.illuminate.digital/aqafood>
 Login SRIPLEY3 Password: STUDENT3
<https://www.ifst.org/lovefoodlovescience>
Resources on Firefly:
 Food Section: Key Stage 4: Year 11
 AQA GCSE Food Preparation and Nutrition specification

Recommended Revision Guides all available to purchase on SCOPAY or see Miss Exton with cash:
 Collins AQA GCSE Food Preparation and Nutrition All-in-One Revision & Practice £4.99
 CGP AQA GCSE Food Preparation and Nutrition Revision Guide £2.85
 CGP AQA GCSE Food Preparation and Nutrition Exam Practice Book £2.85

w/b	Topics	Revisit work	Suggested activities
7 th March	Chapter 6 pgs. 185-201 Principles of food safety	Buying and storing food Preparing, cooking & serving food	Task - Draw and label fridge & freezer with food storage rules Task - Write a list of personal hygiene rules Task - Be able to explain how to use a food probe
14 th March	Chapter 7 pgs. 202-236 Factors affecting food choice	Factors that influence food choice Food choices Food labelling and marketing influences	Make a list of the specific dietary requirements for the different religious groups. Link to: RE-ISLAM - Living the Islamic Life RE - HINDUISM - Diet complete the assignments. PE - Factors affecting health
21 st March	Chapter 8 pgs. 237-246 British & International Cuisines	Traditional Cuisines	Produce a revision card on the key cuisines British, Italy, Morocco, China, India, Greece. Include examples of popular ingredients and dishes and eating patterns. Why may food eaten in modern Britain considered to be multicultural?
28 th March	Chapter 9 pgs. 247-254 Sensory Evaluation	Sensory Evaluation	You should be able to explain about using the senses in a dish or meal. Using the NEA work to understand how to consider the sensory evaluations e.g. taste, texture, appearance, aroma to identify missing components in a dish. E.g. is it all brown in colour. It is all sloppy with no crunch. All your trialed recipes must be evaluated in this way.
18 th April	Chapter 10 pgs. 255-273 Environmental Impact & Sustainability	Food sources Food & environment Sustainability of food	Subject links: Geography, Animal Care, RE and Food Make a list of points to consider about: Intensive farming of plant crops Intensive farming of livestock Understand: GM Foods and Environmental issues associated with food
25 th April	Chapter 11 pgs. 274-289 Processing & Production	Food production Technological Developments associated with better health and food production.	Work on a mind map for food production - work on staple foods for UK and worldwide e.g. Wheat, Maize, Potatoes, and Rice. Add advantages and disadvantages to the environment e.g. cost for mechanisation, GM crops and other issues like, deforestation for palm oil production.

Examination dates

20th June (pm)

w/b	Topics	Revisit work	Suggested activities
17 th January	CTP 1.1 New & Emerging technologies Pgs.2-12	Review all parts of Firefly pages on: Industry, Enterprise, Sustainability, Environment, People, Culture, Society, Production Techniques and Systems.	Go over the PowerPoints for 1.1, complete the worksheet tasks and test questions. Extra: <ul style="list-style-type: none"> Bullet point key words with a brief definition. List as many products as you can think of where maintenance can prolong their lifespan.
24 th January	CTP 1.2 Energy generation and Storage Pgs. 13-22	Review all parts of Firefly pages on: Fossil Fuels, Nuclear Power, Renewable energy, Energy Storage systems (Inc. batteries)	Go over the PowerPoints for 1.2, complete the worksheet tasks and test questions. Extra: Cross check knowledge from your Science, Geography, R.E. and current affairs to make notes on renewable/non-renewable energy sources.
31 st January	CTP 1.3 Materials and their working properties Pgs. 23-30	Review all parts of Firefly pages on: Modern Materials, SMART Materials, Composites, Technical Textiles	Go over the PowerPoints for 1.3, complete the worksheet tasks and test questions. Extra: Choose one type of modern or smart material. Create a list of different applications that it could be used for.
7 th February	CTP 1.4 Understanding a systems approach when designing Pgs. 31-35 CTP 1.5 Mechanical Devices Pgs.36- 45	Review all parts of Firefly pages on: Input devices, Process devices & Output Devices. Types of movement, Leavers and Linkages, Converting types of motion, Rotary Systems & Diagrams and symbols of Mechanisms	Go over the PowerPoints for 1.4 & 1.5, complete the worksheet tasks and test questions. Extras: <ul style="list-style-type: none"> Analyse and draw a systems diagram for an automatic security lamp. Use the internet to make a table listing the different CAM mechanisms found in machinery.
21 st February	CTP 1.6 Materials and their Working Properties Pgs. 46-52 & 56-57	Review all parts of Firefly pages on: Paper and Boards, Natural and manufactured Boards & Polymers	Go over the PowerPoints for 1.6, complete the worksheet tasks and test questions. Focus on your chosen key materials but also make a bullet pointed list of one or two other materials that will be easy to remember i.e. natural and manmade fibres, cotton & polyester etc.
28 th February	CTP 1.6 Materials and their Working Properties Pgs. 53-55 & 58-65	Review all parts of Firefly pages on: Metals and alloys, Textiles & Material Properties	Link these to the environment and consider the impact on the third world of sustainability, the economy and apply the 6R's to manufacturing an everyday household product here in the UK compared a third world country.

Additional information

- Use knowledge from your Science, Maths, Geography and R.E. lessons along with current news affairs to help with answering Technology questions.
- Additionally, be sure to apply your understanding of English to fully interpret the questions, i.e. know what is meant by 'explain' or 'describe'.
- Use the following websites to further enhance your knowledge of the subject: www.technologystudent.com & <https://www.bbc.co.uk/bitesize/examspecs/zby2bdm>
- Focus on Education software available via the Technology pages of Firefly
- AQA GCSE (9-1) Design and Technology: All Material Categories and Systems
- CGP revision guides and exam practice books
- Own notes from theory lessons.

w/b	Topics	Revisit work	Suggested activities
7 th March	STP 2.1 Selection of Materials or components Pgs. 70-72, 75-77 (Examples for timber and polymers) STP 2.2 Forces and Stresses Pgs. 85-88	Review all parts of Firefly pages on: ACCESS FM, Social, moral, cultural and ethical considerations. Types of Forces & Stress, Impact of these on Structures, Materials that resist certain forces & Enhancing materials to resist certain forces.	Go over the PowerPoints for 2.1 & 2.2, complete the worksheet tasks and test questions. Extra: Find three chairs made from different materials and used in different areas of your school or college. Explain why the materials have been used to make each chair. How has the choice of materials been influenced by the method of manufacture?
14 th March	STP 2.3 Ecological and Social Footprint Pgs. 90-98 STP 2.4 Sources and Origins Pgs. Timbers 102-105 Polymers 108-109	Review all parts of Firefly pages on: Ecological issues & The 6 R's Sources & Origins of: Polymers & Natural and Manufactured Timbers	Go over the PowerPoints for 2.3 & 2.4, complete the worksheet tasks and test questions. Extras: <ul style="list-style-type: none"> Watch Drowning in Plastic Create a poster showing an area of land. Label the possible issues for the environment as a result of modern industrial practices.
21 st March	STP 2.6 Stock forms, Types and sizes Pgs. Timber 148-152 Polymers 155-157	Review all parts of Firefly pages on: Calculating material needed when using different stock forms, Stock forms of Timber and Polymer, Sizes of Timber and Polymer & Standard components.	Go over the PowerPoints for 2.6, complete the worksheet tasks and test questions. Extras: <ul style="list-style-type: none"> What are the advantages of using knock-down fittings? Where would you find a concealed hinge being used?
28 th March	STP 2.7 Scales of Production Pgs. 164-168 STP 2.9 Surface Treatments and Finishes Pgs. Timber 212-214 Polymers 217-218	Review all parts of Firefly pages on: Prototype, Batch, Mass/Continuous & JIT Advantages and Disadvantages of finishes Types of finishes	Go over the PowerPoints for 2.7 & 2.9, complete the worksheet tasks and test questions. Extra: <ul style="list-style-type: none"> Explain why there is a need to batch produce some printed products even though the cost per item is higher than if they were mass produced. Identify five polymer products that have had a screen-printed design applied.
18 th April	STP 2.8 Specialist Technical Principles Pgs. Timber 174- 183 Polymer 196-201	Review all parts of Firefly pages on: Production aids used in the manufacture of products, the tools and equipment used in the manufacture of products, Cut and shape Timber & Polymer, Tolerances, Commercial processes & Quality control.	Think about all the different projects you have made over the last 5 years; think about all the tools and equipment you have used. Look over the PowerPoints for 2.8, the pages in the book and then complete the worksheet tasks and test questions for the different topic areas. Extra: Watch all the videos linked to the pages on Firefly.
25 th April	D&MP 3.3 The work of others	Look at examples of work from the specified designers, design movements and manufacturers, such as; Lord Foster, Bauhaus and Dyson	Produce a simple chart with the six specific designers/movements/companies on that you are required to know and identify some key facts about each one. Now chose a kitchen product and work out how you would adapt it to become more 'Alessi' in design? Alessi who? Do your research.

Examination date

Friday 15th June (pm)

w/b	Topics	Revisit work	Suggested activities
17 th January	Theory revision pack: Sessions 1-3 Wider listening: AoS 1 Set work listening	Theory revision pack Set work packs Set work listening (available on Firefly)	Complete theory revision pack tasks. Find five pieces related to each of the two set works. See 'Additional Information' for further instructions. Listen to each of the set works whilst following the score.
24 th January	Theory revision pack: Sessions 4&5 Wider listening: AoS 2 Set work listening	Theory revision pack Set work packs Set work listening (available on Firefly)	Complete theory revision pack tasks. Find five pieces related to each of the two set works. See 'Additional Information' for further instructions. Listen to each of the set works whilst following the score.
31 st January	Theory revision pack: Sessions 6&7 Wider listening: AoS 3 Set work listening	Theory revision pack Set work packs Set work listening (available on Firefly)	Complete theory revision pack tasks. Find five pieces related to each of the two set works. See 'Additional Information' for further instructions. Listen to each of the set works whilst following the score.
7 th February	Theory revision pack: Sessions 8-10 Wider listening: AoS 4 Set work listening	Theory revision pack Set work packs Set work listening (available on Firefly)	Complete theory revision pack tasks. Find five pieces related to each of the two set works. See 'Additional Information' for further instructions. Listen to each of the set works whilst following the score.
21 st February	Theory revision pack: Sessions 11-14 Set work listening	Theory revision pack Set work packs Set work listening (available on Firefly)	Complete theory revision pack tasks. Listen to each of the set works whilst following the score.
28 th February	Theory revision pack: Knowledge Set work listening	Theory revision pack Edexcel Music Student Guide (study guide) Set work packs	Complete theory revision pack tasks. Revise glossary terms found on pages 171-176 of study guide. Listen to each of the set works whilst following the score.

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Additional information				
<p>Ripley Music Firefly</p>  <p>Lots of resources that you will find useful for revision.</p>	<p>Ripley Music Twitter</p>  <p>Lots of wider listening and articles to explore.</p>	<p>MusicTheory.net</p>  <p>Information about music theory and exercises to complete.</p>	<p>Teoria</p>  <p>Information about music theory and exercises to complete.</p>	<p>Britannica</p>  <p>Lots of information about composers, periods, styles, etc., as well as quizzes for you to try.</p>

w/b	Topics	Revisit work	Suggested activities
7 th March	AoS 1: Instrumental music 1700-1820 Brandenburg Concerto No. 5 (3 rd mvt.) Piano Sonata No. 8 Set work listening	Edexcel Music Student Guide (study guide) Set work packs	Review set work pack and info in student guide for the set work. Revise points in blue boxes on pages 65 and 79. Complete Kahoot revision quizzes for the relevant set works (search for 'PJA Ripley'). Listen to each of the set works whilst following the score (available on Firefly).
14 th March	AoS 2: Vocal music Music for a While Killer Queen Set work listening	Edexcel Music Student Guide (study guide) Set work packs	Review set work pack and info in student guide for the set work. Revise points in blue boxes on pages 93 and 107. Complete Kahoot revision quizzes for the relevant set works (search for 'PJA Ripley'). Listen to each of the set works whilst following the score (available on Firefly).
21 st March	AoS 3: Music for stage and screen Defying Gravity Star Wars Set work listening	Edexcel Music Student Guide (study guide) Set work packs	Review set work pack and info in student guide for the set work. Revise points in blue boxes on pages 123 and 137. Complete Kahoot revision quizzes for the relevant set works (search for 'PJA Ripley'). Listen to each of the set works whilst following the score (available on Firefly).
28 th March	AoS 4: Musical fusions Release Samba Em Preludio Set work listening	Edexcel Music Student Guide (study guide) Set work packs	Review set work pack and info in student guide for the set work. Revise points in blue boxes on pages 150 and 162. Complete Kahoot revision quizzes for the relevant set works (search for 'PJA Ripley'). Listen to each of the set works whilst following the score (available on Firefly).
18 th April	Exam preparation Set work listening	Edexcel Music Student Guide (study guide) Practice Papers A and B (papers and audio tracks available on Firefly)	Read through 'Preparing for your exam' information on pages 163-170. Complete Practice Papers A and B. Listen to each of the set works whilst following the score (available on Firefly).
25 th April	Exam preparation Set work listening	Practice Papers C and D (papers and audio tracks available on Firefly)	Complete Practice Papers C and D. Listen to each of the set works whilst following the score (available on Firefly).

Examination date

Unit 3 (Appraising): Listening paper

22nd June (am)

w/b	Topics	Revisit work	Suggested activities
17 th January	2.2 Sports Psychology (pp.26) Specification J587/02	<ul style="list-style-type: none"> Characteristics of skilful movement Classification of skills Goal Setting 	Complete topic pages in J587/02 Revision Booklet on Firefly Answer questions in J587/02 Revision Booklet on Firefly Answer Topic Tests on Firefly
24 th January	2.2 Sports Psychology (pp.26, 27) Specification J587/02	<ul style="list-style-type: none"> Types of Guidance Types of Feedback Mental Preparation 	Complete the online quiz on website: * Select "Not from SuAS" when asked. You need to answer all questions to reveal results Q1-16 Guidance Q24-29 Feedback Q30-34 Classification of skills Answer Topic Tests on Firefly
31 st January	1.1 Applied Anatomy and Physiology Skeletal System Muscular System (pp. 13, 14) Specification J587/01 (pp.13, 14)	<ul style="list-style-type: none"> Location of Major Bones Functions of the skeleton Types of synovial joint Types of movement at hinge and ball and socket joints Other components of joints Location of major muscle groups Roles of muscles in movement 	1) Watch YouTube video - Muscular System 2) Watch YouTube video - Skeletal System 3) Watch YouTube video - Joints Complete topic pages in J587/01 Revision Booklet on Firefly Answer questions in J587/01 Revision Booklet on Firefly Answer Topic Tests on Firefly
7 th February	1.1 Applied Anatomy and Physiology Movement Analysis (pp.9) Specification J587/01	<ul style="list-style-type: none"> Lever systems Planes of movement and axes of rotation 	1) Watch YouTube video - Lever Systems 2) Watch YouTube video - Planes of Movement 3) Watch YouTube video - Axes of Rotation Complete topic pages in J587/01 Revision Booklet on Firefly Answer questions in J587/01 Revision Booklet on Firefly Answer Topic Tests on Firefly
21 st February	1.1 Applied Anatomy and Physiology Cardiovascular and Respiratory Systems (pp.15, 16) Specification J587/01	<ul style="list-style-type: none"> Structure and function of the cardiovascular system Structure and function of the respiratory system Aerobic and Anaerobic exercise 	1) Watch YouTube video - Cardiovascular System 2) Watch YouTube video - Respiratory System Complete topic pages in J587/01 Revision Booklet on Firefly Answer questions in J587/01 Revision Booklet on Firefly Answer Topic Tests on Firefly
28 th February	1.1 Applied Anatomy and Physiology 1.1.e Effects of Exercise on the body (pp.17) Specification J587/01	<ul style="list-style-type: none"> Short term effects of exercise Long term (training) effects of exercise 	1) Watch YouTube videos - 'Short-Term and Long-Term effects of exercise....' Include... <ul style="list-style-type: none"> ✓ Skeletal system ✓ Muscular system ✓ Cardiovascular system ✓ Respiratory system

Additional information

<p>OCR (9-1) GCSE Physical Education</p>  <p>(specification)</p>	<p>OCR GCSE PE Revision</p>  <p>(good for content)</p>	<p>OCR GCSE PE Revision Quiz</p>  <p>(good for quick quizzes)</p>	<p>BBC Bitesize GCSE Physical Education</p>  <p>(good for summarised content and quizzes)</p>
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w/b	Topics	Revisit work	Suggested activities
7 th March	2.1.c Ethical and socio-cultural issues in physical activity and sport (pp.25) Specification J587/02	<ul style="list-style-type: none"> Ethics in sport Drugs in Sport Violence in Sport 	Complete topic pages in J587/02 Revision Booklet on Firefly Answer questions in J587/02 Revision Booklet on Firefly Answer Topic Tests on Firefly
14 th March	2.3 Health, Fitness and well-being (pp.28) Specification J587/02	<ul style="list-style-type: none"> Diet and Nutrition 	Research various sporting diets including diets for three contrasting sports: <i>marathon runner / sprinter / shot putter</i> Complete topic pages in J587/02 Revision Booklet on Firefly Answer questions in J587/02 Revision Booklet on Firefly Answer Topic Tests on Firefly
21 st March	1.1 Applied Anatomy and Physiology 1.1.e Principles of Training, Optimising Training, Components of Fitness (pp.20) J587/01	<ul style="list-style-type: none"> Components of Fitness Principles of training Optimising training 	Watch YouTube video 'Principles of Training' Choose two different sports performers and create a training programme for each, include principles of training, training methods and threshold training. Complete topic pages in J587/01 Revision Booklet on Firefly Answer questions in J587/01 Revision Booklet on Firefly Answer Topic Tests on Firefly
28 th March	1.1 Applied Anatomy and Physiology 1.3. Preventing injury (pp.21) J587/01 2.3 Health, Fitness and well-being (pp.27) J587/02	<ul style="list-style-type: none"> Prevention of injury Health, fitness and well being 	Complete topic pages in J587/01 Revision Booklet on Firefly Answer questions in J587/01 Revision Booklet on Firefly Complete topic pages in J587/02 Revision Booklet on Firefly Answer questions in J587/02 Revision Booklet on Firefly Answer Topic Tests on Firefly
18 th April	2.1.b Commercialisation of Physical activity and Sport (pp.24) Specification J587/02	<ul style="list-style-type: none"> Commercialisation of Sport 	Find a variety of newspapers, highlight the stories about sport, for each write down how it effects the sport (positive and negative) Complete topic pages in J587/02 Revision Booklet on Firefly Answer questions in J587/02 Revision Booklet on Firefly Answer Topic Tests on Firefly
25 th April	2.2.a Engagement Patterns of different social groups in physical activities in sport (pp.23) Specification J587/02	<ul style="list-style-type: none"> Physical activity and sport in the UK Participation in physical activity and sport 	Find out the key aims for Sport England, Youth Sport Trust, NGB's and DCMS. Familiarise yourself with their websites. Projects, initiatives etc Complete topic pages in J587/02 Revision Booklet on Firefly Answer questions in J587/02 Revision Booklet on Firefly Answer Topic Tests on Firefly

Examination dates

Physical Factors Affecting Performance 24th May (pm)
Socio-cultural issues and sports psychology 10th June (pm)

WEEKLY STUDY TIMETABLE

	Plan for the day	Study Period 1	Break	Study Period 2	Break	Study Period 3	Break
Monday							
Tuesday							
Wednesday							
Thursday							
Friday							
Saturday							
Sunday							

WEEKLY STUDY TIMETABLE

	Plan for the day	Study Period 1	Break	Study Period 2	Break	Study Period 3	Break
Monday							
Tuesday							
Wednesday							
Thursday							
Friday							
Saturday							
Sunday							

WEEKLY STUDY TIMETABLE

	Plan for the day	Study Period 1	Break	Study Period 2	Break	Study Period 3	Break
Monday							
Tuesday							
Wednesday							
Thursday							
Friday							
Saturday							
Sunday							

FEBRUARY HALF TERM REVISION TIMETABLE

Monday	Tuesday	Wednesday	Thursday	Friday
Morning				
Break				
Lunch				
Break				
Tea				
End				

EASTER HOLIDAY REVISION TIMETABLE: WEEK 1

Monday	Tuesday	Wednesday	Thursday	Friday
Morning				
Break				
Lunch				
Break				
Tea				
End				

EASTER HOLIDAY REVISION TIMETABLE: WEEK 2

Monday	Tuesday	Wednesday	Thursday	Friday
Morning				
Break				
Lunch				
Break				
Tea				
End				



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