

Curriculum Hand Book

Year 13

2025/2026



Salvatorian
College



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	9 lessons per fortnight. Homework is set weekly: portfolio development, artist research, sketchbook annotation, practical experimentation, or essay writing. Independent study is essential for success at A Level.					
Content/Topics	Autumn – Continuation of Component 1 (Personal Investigation) Students continue developing their sustained personal investigation, building on Year 12. Practical body of work supported by a written element (1000–3000 words). Focus on developing, refining, and producing more resolved outcomes. Essay writing is refined and brought towards final completion. Assessment: Portfolio submission at end of Autumn 1 and Autumn 2 (holistic AO1–AO4).		Spring – Completion of Component 1 & Start of ESA (Component 2) Component 1 deadline (January): Personal Investigation completed and submitted (practical + written). Externally Set Assignment (ESA): Released in February. Students select one starting point from the paper. Research, develop, and experiment in response to their chosen theme. Preparatory work can include drawing, painting, mixed media, digital, sculpture, and installation. Assessment: Portfolio submission at end of Spring 1 (final Component 1) and Spring 2 (ESA preparatory work).		Summer – ESA Completion (Component 2) Students continue preparatory work for ESA. 15-hour supervised exam to complete final outcome(s). Work assessed holistically against AO1–AO4. Assessment: Portfolio submission at end of Summer 1 (ESA development) and Summer 2 (ESA final outcomes).	
Skills and Procedural Knowledge across the year	Practical Skills: Drawing, painting, mixed media, sculpture, photography, installation. Critical Writing: Completion of written element for Component 1 (1000–3000 words). Critical Understanding: Analyse and respond to a range of artists, movements, and contexts. Portfolio Development: Present research, ideas, experiments, refinements, and outcomes clearly (AO1–AO4). Exam Preparation: Develop, refine, and present outcomes for the ESA within supervised time.					
Links for exam boards and revision materials	https://www.studentartguide.com/ https://www.nationalgallery.org.uk/learning https://www.tate.org.uk/art/artists https://www.aqa.org.uk/subjects/art-and-design					
Revision Techniques and Advice	Refine Component 1 portfolio and finalise essay. Regularly update sketchbooks with experiments, research, and annotation. Visit galleries/exhibitions (or virtual tours) for contextual inspiration. Explore a wide range of media to strengthen ESA responses. Manage time effectively: balance finishing Component 1 with preparing ESA.			AO1 – Develop: Develop ideas by researching and analysing artists, designers, and movements. AO2 – Refine: Refine work through experimenting with materials, techniques, and processes. AO3 – Record: Record ideas and observations through drawing, photography, annotation, and other visuals. AO4 – Present: Present a personal and meaningful final outcome that connects to research and development.		
Assessment Details	Portfolio check – Component 1 continuation.	Portfolio check – Component 1 refinement and draft essay hand in. 15 hour exam.	Final submission of Component 1 (personal investigation, holistic AO1–AO4).	ESA preparatory portfolio submission.	ESA preparatory portfolio submission. ESA final outcomes (produced in 15-hour supervised exam).	



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	Lessons per Week: 5 lessons per week Homework per Week: Homework is set every lesson and due the following week. Assignments include challenging and scaffolded tasks designed to push students beyond the standard curriculum and support all ability levels.					
Content/Topics	Algorithms Learn how to design, trace, and evaluate algorithms for solving problems, including searching and sorting methods. Programming Techniques Develop coding skills covering concepts like iteration, selection, recursion, and the use of subroutines. Algorithm Design and Problem Solving Practise designing algorithms using pseudocode and flowcharts to tackle real problems efficiently. Data Structures Understand and use data structures such as arrays, lists, stacks, queues, and trees.		Spring Term Computational Methods Study strategies for problem solving, including abstraction, decomposition, and automation. Computational Thinking Apply logical thinking to break down complex problems and design effective solutions. Programming Paradigms Explore different programming paradigms, including procedural, object-oriented, and functional programming. Standard Algorithms Deepen understanding of standard algorithms and their implementation in code.		Practical Programming Project Complete an extended programming project to demonstrate planning, design, implementation, testing, and evaluation skills. Revision and Exam Practice Apply skills to past papers, timed practice, and targeted revision of weaker areas to prepare for final exams.	
Skills and Procedural Knowledge across the year	- Develop advanced programming skills using techniques like iteration, selection, recursion, and data structures to solve complex problems. - Apply computational thinking and problem-solving methods such as abstraction, decomposition, and algorithm design using pseudocode and flowcharts. - Analyse and evaluate standard algorithms, understanding their efficiency and application in different contexts. - Plan, design, implement, test, and evaluate a substantial programming project that demonstrates independent coding, debugging, and documentation skills.					
Links for exam boards and revision materials	https://www.ocr.org.uk/images/170844-specification-accredited-a-level-gce-computer-science-h446.pdf	https://www.ocr.org.uk/qualifications/as-and-a-level/computer-science-h046-h446-from-2015/	https://www.teach-ict.com/	https://www.youtube.com/watch?v=dVi2B7fGVm4&list=PLCiOXwirraUBj7HtVHfNZsnwjyZQj97da https://www.scribd.com/document/791425006/OCR-a-Level-H046-H446-Pseudocode-Cheat-Sheet?utm_source=chatgpt.com		
Revision Techniques and Advice	Active Recall: Regularly quiz yourself on key concepts and past exam questions instead of just rereading notes to strengthen memory. Teach to Learn: Explain complex topics aloud to a peer or even to yourself; teaching helps deepen understanding and reveals gaps. Practice Coding Daily: Write, test, and debug small programs often to build fluency and confidence in programming concepts. Use Past Papers Strategically: Time yourself while completing past exam questions and review mark schemes to identify areas for improvement. Create Visual Aids: Use flowcharts, diagrams, and mind maps to organise and connect ideas, making revision more engaging and memorable. Group Study Sessions: Collaborate with classmates to discuss tricky topics, share resources, and test each other’s knowledge.					
Assessment Details	Regular end-of-topic assessments are conducted throughout the year, featuring AQA-style exam questions that focus on recent content and essential practical skills. A formal mock exam takes place in the autumn term, covering all Year 12 and 13 material taught so far, completed under exam conditions. Assessment results are used to track student progress, guide exam preparation, and identify areas where additional support or intervention is needed.					



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	9 lessons per fortnight. Homework is set weekly: sketchbook and portfolio development, model-making, CAD work, design drawings, artist/designer research, annotation, and essay writing. Independent study is vital for success.					
Content/Topics	Autumn – Continuation of Component 1 (Personal Investigation) Students continue developing their sustained personal investigation, begun in Year 12. Practical design work supported by a written essay (1000–3000 words). Focus on advanced design development, prototyping, CAD/CAM, and material testing. Outcomes become more resolved and refined, preparing for submission. Assessment: Portfolio submission at end of Autumn 1 and Autumn 2 (holistic AO1–AO4).		Spring – Completion of Component 1 & Start of ESA (Component 2) Component 1 deadline (January): Personal Investigation completed and submitted (practical + written). Externally Set Assignment (ESA): Released in February. Students choose one starting point. Research, development, and experimentation in response to the theme, with a focus on 3D approaches (model-making, prototyping, architecture, product design). Assessment: Portfolio submission at end of Spring 1 (final Component 1) and Spring 2 (ESA preparatory work).		Summer – ESA Completion (Component 2) Preparatory portfolio for ESA continues. 15-hour supervised exam to realise final design outcome(s). Work assessed holistically against AO1–AO4. Assessment: Portfolio submission at end of Summer 1 (ESA development) and Summer 2 (ESA final outcomes).	
Skills and Procedural Knowledge across the year	Design Process: Research, sketching, prototyping, iteration, and evaluation. Practical Skills: Workshop construction methods, CAD/CAM (e.g. SketchUp, Fusion, Illustrator for laser cutting), model-making, and material manipulation (woods, plastics, metals, card, mixed media). Critical Understanding: Analyse and reference designers, architects, and design movements (e.g. Bauhaus, Brutalism, Modernism, Postmodern design). Written Investigation: Completion of 1000–3000 word essay alongside design portfolio. Portfolio & Exam Prep: Present design journey clearly to cover AO1–AO4; refine towards ESA outcomes.					
Links for exam boards and revision materials	https://www.studentartguide.com/ https://designmuseum.org/ https://www.tate.org.uk/art/artists https://www.aqa.org.uk/subjects/art-and-design/as-and-a-level/art-and-design-7201-7206 https://technologystudent.com/					
Revision Techniques and Advice	Regularly refine Component 1 portfolio and essay. Keep workshop/CAD logs to track development and iteration. Visit exhibitions, buildings, or design shows (or take virtual tours) for contextual inspiration. Practise sketching ideas quickly to improve visual communication. Prepare ESA portfolio steadily to avoid rushing before the supervised exam.			AO1 – Develop: Develop ideas by researching and analysing artists, designers, and movements. AO2 – Refine: Refine work through experimenting with materials, techniques, and processes. AO3 – Record: Record ideas and observations through drawing, photography, annotation, and other visuals. AO4 – Present: Present a personal and meaningful final outcome that connects to research and development.		
Assessment Details	Portfolio check – Component 1 continuation.	Portfolio check – Component 1 refinement and draft essay hand in. 15 hour exam.	Final submission of Component 1 (personal investigation, holistic AO1–AO4).	ESA preparatory portfolio submission.	ESA preparatory portfolio submission. ESA final outcomes (produced in 15-hour supervised exam).	



	Autumn	Spring	Summer
Lessons per week/ Homework per week	Four lessons per week, split between two teachers. Homework includes close reading, annotation, critical essays, NEA drafting, and revision planning.		
Content/Topics	'Hamlet' by William Shakespeare (Drama – Tragedy component) - Continue John Keats: Selected Poems (Pre-1900 Poetry) + NEA (Coursework) In the autumn term, students begin their study of Shakespeare's 'Hamlet', focusing on elements of tragedy, dramatic structure, soliloquy, and themes such as madness, corruption, revenge, and political power. Students explore the historical and theatrical context of the play and engage with critical interpretations. Alongside this, students continue their work on Keats, deepening their analysis of his narrative and lyric poetry. The focus will be on Romantic ideals, poetic form, and integrating critical perspectives into extended responses. At the same time, students will work independently on their NEA, building on their summer reading and research. They will finalise a comparative critical question, refine their argument, and draft their coursework essay (due in December).	- Complete 'Hamlet' and begin focused revision of Component 1 (Drama) - Begin full revision of Component 2 (Prose) and Component 3 (Poetry) In the Spring Term, students will complete their study of Hamlet, consolidating their understanding of key scenes, themes, tragic conventions, and critical interpretations. Once the play is completed, lessons will shift into targeted revision of Component 1 (Drama), including unseen drama practice and evaluative essay writing. Simultaneously, students will begin comprehensive revision of Component 2 (Prose) and Component 3 (Poetry). This will include revisiting Frankenstein and The Handmaid's Tale/Never Let Me Go for comparative prose work, as well as comparative analysis of Poems of the Decade and Keats' selected poems. Emphasis will be placed on refining exam technique, comparison skills, and integrating critical perspectives.	- Final Revision and Exam Technique Workshops In the short window before the final A Level exams begin, students will undertake intensive and strategic revision of all core components. Lessons will be focused on fine-tuning exam responses, consolidating key knowledge, and practising under timed conditions. Component 1 - Drama: 'Hamlet' and 'A Streetcar Named Desire' Component 2 - Prose: 'Frankenstein' and 'The Handmaid's Tale'/'Never Let Me Go' Component 3 - Poetry: Poems of the Decade and Keats comparison Component 4 – NEA: Already submitted and moderated internally.
Skills and Procedural Knowledge across the year	In Year 13, students consolidate and apply their advanced literary skills across all components of the A Level course. They develop independence as readers and critics, producing sophisticated comparative arguments, engaging with critical theory, and refining exam technique through sustained practice. Reading - Analyse and evaluate how writers use form, structure, and language in prose, poetry, and drama - Explore complex literary ideas and themes with originality and insight - Compare texts across time periods, genres, and perspectives - Engage critically with interpretations and apply literary theory (e.g. tragedy, feminism, Marxism) - Interpret and respond to unseen texts with confidence Writing - Construct nuanced, coherent arguments in extended essays - Embed textual evidence and use precise literary terminology fluently - Compare texts perceptively, focusing on connections and distinctions - Integrate and reference wider reading and critical perspectives - Redraft and refine NEA coursework with a clear understanding of assessment objectives - Write under timed conditions with planning, structure, and sophistication		
Assessment Details	- Mock Paper 1: Drama - Mock Paper 3: Poetry - NEA final submission by end of term	- Full mock papers across Components 1–3 - Examiner-style marking sessions and feedback tasks	Final Examinations
Links for exam boards and revision materials	Exam Board: Pearson Edexcel A Level English Literature (9ET0) - Specification and Assessment Overview - https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/english-literature-2015.html - Past papers and mark schemes: https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/english-literature-2015/coursematerials.html#filterQuery=Pearson-UK:Category%2FExam-materials		Recommended Study Resources York Notes Advanced / Oxford AQA Guides for all set texts Massolit – university-level lectures on Hamlet, Keats, Frankenstein, and more JSTOR, The British Library, and The Poetry Foundation – for critical reading and academic research YouTube – Mr Salles, Unseen Poetry, and Mr Bruff for breakdowns of texts and assessment objectives Seneca Learning – interactive revision for Edexcel A Level English Edexcel Examiner Reports – for understanding common errors and high-level expectations
Revision Techniques and Advice	- Build quote banks for each text organised by theme and character - Use comparison grids for prose and poetry to link ideas and techniques - Annotate texts actively using critical perspectives and context notes - Practise timed responses regularly using past paper questions - Create mind maps to revise themes and structure across longer texts - Use dual coding – pair visuals with quotes or literary devices to aid memory - Keep a critical reading journal – summarise and respond to wider reading and critical articles - Review examiner reports to understand how marks are awarded and common pitfalls		

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	9 lessons per fortnight. Homework is set weekly: research, artist analysis, design development, digital experimentation, or portfolio annotation. Independent study is essential to success at A Level.					
Content/Topics	Autumn – Continuation of Component 1 (Personal Investigation) Students continue their sustained personal investigation, building on Year 12. Practical body of work supported by a written element (1000–3000 words). Emphasis on idea development, experimentation, refinement, and more resolved outcomes. Students refine their essay draft into a final version. <i>Assessment:</i> Portfolio submission at end of Autumn 1 and Autumn 2 (holistic AO1–AO4).		Spring – Completion of Component 1 & Start of ESA (Component 2) Component 1 deadline (January): Personal Investigation completed (practical and written). Externally Set Assignment (ESA): Released in February. Students choose one starting point from the paper. Develop research, design ideas, digital and mixed media responses. Preparatory work produced in sketchbooks, digital boards, or mixed formats. <i>Assessment:</i> Portfolio submission at end of Spring 1 (final Component 1) and Spring 2 (ESA preparatory work).		Summer – ESA Completion (Component 2) Students finalise preparatory portfolio work. 15-hour supervised exam to produce final outcomes (digital or physical). Work assessed holistically against AO1–AO4.	
Skills and Procedural Knowledge across the year	Independent Practice: Develop and refine a sustained, personal project. Critical Writing: Complete the written personal investigation (1000–3000 words). Specialist Techniques: Advanced Illustrator, Photoshop, photography, printmaking, mixed media. Portfolio Development: Organise and present work clearly against AO1–AO4. Exam Preparation: Manage time and prepare refined outcomes for the ESA.					
Links for exam boards and revision materials	https://www.aqa.org.uk/subjects/art-and-design/as-and-a-level/art-and-design-7201-7206 https://www.tate.org.uk/art/artists https://designmuseum.org/ https://www.studentartguide.com/ https://www.adobe.com/learn https://www.youtube.com/watch?v=lyR_uYsRdPs					
Revision Techniques and Advice	Finalise and refine Component 1 portfolio with clear annotation and essay. Plan ESA projects carefully – link research, development, and outcomes. Watch Illustrator/Photoshop tutorials to refine technical skills. Explore contemporary designers to enrich ESA projects. Manage time effectively to balance portfolio completion with exam preparation.			AO1 – Develop: Develop ideas by researching and analysing artists, designers, and movements. AO2 – Refine: Refine work through experimenting with materials, techniques, and processes. AO3 – Record: Record ideas and observations through drawing, photography, annotation, and other visuals. AO4 – Present: Present a personal and meaningful final outcome that connects to research and development.		
Assessment Details	Portfolio check – Component 1 continuation.	Portfolio check – Component 1 refinement and draft essay hand in. 15 hour exam.	Final submission of Component 1 (personal investigation, holistic AO1–AO4).	ESA preparatory portfolio submission.	ESA preparatory portfolio submission. ESA final outcomes (produced in 15-hour supervised exam).	

History



Year 13

[illegible]



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	5 lessons a week with homework set 3 times.					
Content/Topics	Pure Algebraic Methods • Proof • Partial fractions Functions and Graphs • Modulus function • Inverse and composite functions Sequences and Series • Arithmetic • Geometric • Recurring relations Binomial Expansion Statistics Regression, correlation and hypothesis testing Conditional Probability Normal Distribution	Pure Radians • Arc length • Area of sectors and segments • Solving trig equations Trig Functions • Graphs • Identities • Inverse trig functions Trigonometry and Modelling • Addition formulae • Double angle formulae • Solving • Modelling with trig functions Mechanics Moments Forces and Friction	Pure Parametric Equations • Using trig identities • Solving trig equations • Modelling Differentiation • Chain rule • Product rule • Trig functions • Parametric Numerical Methods • Iteration • Newton-Raphson method Mechanics Projectiles Application of forces	Pure Integration • By parts • By substitution • Partial fractions • Trapezium rule Vectors • Vectors in 3D • Solving geometric equations • Application to mechanics Mechanics Further Kinetics	Revision	Revision and final exams
Skills and Procedural Knowledge across the year	Year 13 maths builds directly on the foundations established in Year 12, extending students' skills in Pure and Applied Maths. In Pure Maths, students deepen their understanding of algebra, functions, calculus, sequences, series, trigonometry, exponentials, logarithms, and complex numbers, applying these concepts to more challenging problems. In Applied Maths, they extend Mechanics — including motion, forces, vectors, and equilibrium — and Statistics — including probability distributions, hypothesis testing, and data analysis — often integrating these with Pure Maths techniques. Throughout the year, students practise connecting Year 12 methods to new Year 13 topics, developing problem-solving skills, logical reasoning, and the ability to tackle complex, multi-step problems with confidence.					
Links for exam boards and revision materials	https://www.physicsandmathstutor.com/ https://senecalearning.com/en-GB/ https://uplearn.co.uk/	https://www.physicsandmathstutor.com/ https://senecalearning.com/en-GB/ https://uplearn.co.uk/	https://www.physicsandmathstutor.com/ https://senecalearning.com/en-GB/ https://uplearn.co.uk/	https://www.physicsandmathstutor.com/ https://senecalearning.com/en-GB/ https://uplearn.co.uk/	https://www.physicsandmathstutor.com/ https://senecalearning.com/en-GB/ https://uplearn.co.uk/	https://www.physicsandmathstutor.com/ https://senecalearning.com/en-GB/ https://uplearn.co.uk/
Revision Techniques and Advice	Year 13 students should focus on consolidating and connecting the skills learned in Year 12 with the more advanced concepts in Year 13. Practise extensively using past papers, worked solutions, and online resources, paying attention to how Pure and Applied Maths topics interrelate. Use diagrams, graphs, and structured notes to visualise links between algebra, calculus, mechanics, and statistics. Test yourself under timed conditions, revisiting Year 12 methods where they apply, and aim to build fluency, problem-solving ability, and confidence in tackling integrated, complex problems.					
Assessment Details	End of unit tests.	End of unit tests and a set of mock exams.	End of unit tests and a set of mock exams.	End of unit tests and a set of mock exams.	End of unit tests.	Final external exams



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/ Homework per week	Four lessons a week Homework is assigned weekly and includes: independent research, set product analysis, revision tasks, and exam-style questions. Independent study time is essential at KS5 and used to develop a deeper understanding of contexts and theory.					
Content/Topics	Component 2, Section B – Magazines Set Texts: Vogue (historical) & The Big Issue (contemporary) Introduction to magazine media form, with focus on media language, representation, industry and audience. Students analyse historical representations in Vogue, then move to non-mainstream and political ideologies in The Big Issue.	Component 2, Section A – Television (Crime Drama) Set Texts: Peaky Blinders (UK) & The Bridge (Non-English) Students compare a mainstream British crime drama with a Nordic noir series. Focus on narrative, context, and the four key frameworks. The unit builds comparative and evaluative writing.	Component 2, Section A continued – TV Industry & Audience Component 2, Section C – Online Media: Blogs & Websites Set Texts: KSI (blogger), Attitude Magazine (online) Students explore the convergence of social and participatory media with traditional forms. Focus on identity, representation, online industries, and audience interaction.	Component 2, Section C – Online Media continued Industry & Audience (Attitude and KSI) Deeper exploration of ownership, funding, algorithms, and branding strategies. Students prepare to apply theory to rapidly changing online contexts and revise across all set texts.	Exam Revision – Components 1 & 2 Students revisit all set texts, theory, and exam structure. Intensive practice of 10-, 15-, and 25-mark questions. Use of model answers, redrafting, and examiner reports to refine writing.	
Skills and Procedural Knowledge across the year	• Apply all four frameworks (Media Language, Representation, Industry, Audience) across all media forms • Compare media products across time periods, formats, and ideologies • Analyse and evaluate representations and ideologies with confidence • Integrate media theory fluently into written responses (e.g. Butler, hooks, Hall, Gauntlett) • Produce extended essays with coherent structure and critical insight • Refine practical and analytical writing skills in preparation for exam success and further study					
Assessment Details	Comparative magazine analysis (Vogue vs Big Issue)	Extended crime drama essay (Peaky Blinders vs The Bridge)	Online media short and long responses (KSI / Attitude)	Practice papers – Component 2 full sections	A-Level Examinations (External Assessment)	
Links for exam boards and revision materials	Exam board: Eduqas • https://www.eduqas.co.uk/qualifications/media-studies-as-a-level/#tab_keydocuments		Revision Guides: • WJEC/Eduqas Media Studies For A Level Year 2 & A2: Student Book – Revised Edition • WJEC/Eduqas Media Studies for A Level Year 2 & A2: Revision Guide		Useful links: • The Media Insider - https://www.youtube.com/@TheMediaInsider • Mrs Fisher - https://www.youtube.com/channel/UCUKrxp4BcJrGLzmqAhCjASq • Seneca - https://senecalearning.com/en-GB/	
Revision Techniques and Advice	• Create flashcards for theorists, audience categories, and terminology • Create summaries for each set text (media language, representation, industry, audience, relevant theories, key contexts) • Practise timed responses using past paper questions and mark schemes • Redraft and annotate your answers using feedback and examiner reports • Use the PEACHY structure for all extended writing tasks • Keep a critical theory journal – summarise and apply theorists to current media products					



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	Four lessons per week. Homework set as per the homework timetable and recorded in student journals and Show my Homework. https://www.showmyhomework.co.uk/login					
Content/Topics	Topic 5 Energy transfers and nutrient cycles – biomass, farming, nitrogen and phosphorus cycle, fertilisers, fungi Topic 6 Stimuli and response - Survival, phototropisms, reflex and heart coordination, receptors, nervous coordination	Topic 6 Stimuli and response - Positive feedback, negative feedback, hormones, the kidney Topic 7 Genetics, population, evolution, ecosystems – inheritance, genetic crosses, epistasis, chi squared test, variation, natural selection, speciation, ecosystems, populations	Topic 8 Gene expression – transcription and translation, mutagenic agents, mutations and cancer, epigenetics	Topic 8 Gene expression – genome project and gene technologies	Revision and Exam Practice	Revision and Exam Practice
Skills and Procedural Knowledge across the year	Year 13 Biology students consolidate and extend their scientific skills through more complex content and independent analysis. Key areas of development include: - Applying biological knowledge to unfamiliar systems, including gene expression, nervous control, and ecosystems - Planning multi-step investigations with justified hypotheses and consideration of variables and controls - Analysing and interpreting experimental and field data using statistical tests (e.g. chi-squared, Spearman's rank, t-test) - Evaluating practical methods critically, identifying limitations and suggesting improvements to reliability and accuracy - Linking required practical experience to exam questions, with clear reference to biological principles and procedures - Using scientific terminology, annotated diagrams, units, and conventions accurately in both written and practical work These skills are taught alongside required practicals and assessed through written responses, data analysis, and practical-based exam questions as per the AQA A-Level Physics specification.					
Links for exam boards and revision materials	AQA Specification and Past Papers: 📄 AQA A-Level Biology Specification (7401/7402) 📄 AQA Past Papers and Mark Schemes – Biology Trusted Revision Resources: 👤 Physics & Maths Tutor – A-Level Biology 👤 Cognito Revision – A-Level Biology 👤 Seneca Learning – A-Level Biology 👤 FreeScienceLessons – A-Level Biology YouTube 👤 Save My Exams – AQA A-Level Biology					
Revision Techniques and Advice	A-Level Science requires consistent, active revision. Use retrieval practice (e.g. flashcards, quizzes, past papers) and spaced revision to revisit topics over time. Summarise topics using diagrams, explain concepts aloud, and practise applying your knowledge to unfamiliar scenarios. Memorise equations and practise applying them in different contexts — use units to guide your thinking. Solve problems using algebra rather than formula triangles to build confidence. Revisit core practicals and practise analysing data from graphs or tables. Focus on multi-step problems where multiple formulae must be linked together. Prioritise exam papers that combine Year 12 and Year 13 content, and practise full Paper 1, 2 and 3-style questions under timed conditions.					
Assessment Details	End-of-topic assessments take place regularly throughout the year. These consist of AQA-style exam questions covering recent content and key practical skills. A formal mock examination is held in the autumn term, assessing content taught across Year 12/13 to date under exam conditions. Assessment data is used to monitor progress, support exam preparation, and inform targeted intervention where necessary.					



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	Four lessons per week. Homework set as per the homework timetable and recorded in student journals and Show my Homework. https://www.showmyhomework.co.uk/login					
Content/Topics	Thermodynamics Carboxylic acids and derivatives, Aromatic Chemistry	Rate Equations and Kp Amines, Polymers, Amino acids, proteins and DNA	Electrode potentials and Electrochemical cells Organic Synthesis	Transition metals and reactions of ions in aqueous solution Acids and Bases	Exam Practice	
Skills and Procedural Knowledge across the year	Year 13 Chemistry students develop advanced practical and analytical skills, with greater independence and depth of understanding. Key areas include: - Applying chemical principles to unfamiliar contexts, especially in thermodynamics, equilibrium, electrochemistry, and organic synthesis - Planning complex investigations, refining practical methods, and making informed predictions using chemical reasoning - Accurately analysing experimental data using graphs, percentage error, and multistep calculations (e.g. pH, Kc, Ka, electrode potentials) - Evaluating the validity of methods and data, identifying limitations, and suggesting meaningful improvements - Integrating required practical experience into extended answers, drawing on theory and method - Using precise chemical terminology, balanced equations, mechanisms, and mathematical conventions throughout written and practical work These skills are taught alongside required practicals and assessed through written responses, data analysis, and practical-based exam questions as per the AQA A-Level Physics specification.					
Links for exam boards and revision materials	AQA Specification and Past Papers: 📖 AQA A-Level Chemistry Specification (7404/7405) 📄 AQA Past Papers and Mark Schemes – Chemistry Trusted Revision Resources: 🎧 Physics & Maths Tutor – A-Level Chemistry 🧑🏫 Cognito Revision – A-Level Chemistry 💻 Seneca Learning – A-Level Chemistry 📺 FreeScienceLessons – A-Level Chemistry YouTube 📁 Save My Exams – AQA A-Level Chemistry					
Revision Techniques and Advice	A-Level Science requires consistent, active revision. Use retrieval practice (e.g. flashcards, quizzes, past papers) and spaced revision to revisit topics over time. Summarise topics using diagrams, explain concepts aloud, and practise applying your knowledge to unfamiliar scenarios. Memorise equations and practise applying them in different contexts — use units to guide your thinking. Solve problems using algebra rather than formula triangles to build confidence. Revisit core practicals and practise analysing data from graphs or tables. Focus on multi-step problems where multiple formulae must be linked together. Prioritise exam papers that combine Year 12 and Year 13 content, and practise full Paper 1, 2 and 3-style questions under timed conditions.					
Assessment Details	End-of-topic assessments take place regularly throughout the year. These consist of AQA-style exam questions covering recent content and key practical skills. A formal mock examination is held in the autumn term, assessing content taught across Year 12/13 to date under exam conditions. Assessment data is used to monitor progress, support exam preparation, and inform targeted intervention where necessary.					



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	Four lessons per week. Homework set as per the homework timetable and recorded in student journals and Show my Homework. https://www.showmyhomework.co.uk/login					
Content/Topics	<u>S8 Thermal Physics</u> <u>S9 Gravitational and Electric Fields</u>	<u>S9 Gravitational and Electric Fields</u>	<u>S11 Magnetic Fields</u>	<u>S12 Nuclear Physics</u> <u>S13 Option</u>	Exam Practice	
Skills and Procedural Knowledge across the year	Year 13 Physics students consolidate and extend their skills in preparation for A-level exams and further study. Key areas of development include: - Applying theoretical knowledge to complex, unfamiliar scenarios including fields, thermal physics, and nuclear decay - Designing and refining multi-step investigations with greater independence and justification - Analysing experimental data using advanced techniques (e.g. log-linear graphs, percentage uncertainties, gradients of non-linear relationships) - Critically evaluating the reliability and limitations of experimental methods and suggesting refinements - Linking required practical experiences to exam questions, with clear reference to theory and accuracy - Using scientific conventions precisely, including SI units, derived quantities, uncertainties, and standard notation in calculations and written responses These skills are taught alongside required practicals and assessed through written responses, data analysis, and practical-based exam questions as per the AQA A-Level Physics specification.					
Links for exam boards and revision materials	AQA Specification and Past Papers: 📖 AQA A-Level Physics Specification (7407/7408) 📄 AQA Past Papers and Mark Schemes – Physics Trusted Revision Resources: 🎧 Physics & Maths Tutor – A-Level Physics 🧑🏫 Cognito Revision – A-Level Physics 🖥️ Seneca Learning – A-Level Physics 🎥 GorillaPhysics – A-Level Physics YouTube 📁 Save My Exams – AQA A-Level Physics					
Revision Techniques and Advice	A-Level Science requires consistent, active revision. Use retrieval practice (e.g. flashcards, quizzes, past papers) and spaced revision to revisit topics over time. Summarise topics using diagrams, explain concepts aloud, and practise applying your knowledge to unfamiliar scenarios. Memorise equations and practise applying them in different contexts — use units to guide your thinking. Solve problems using algebra rather than formula triangles to build confidence. Revisit core practicals and practise analysing data from graphs or tables. Focus on multi-step problems where multiple formulae must be linked together. Prioritise exam papers that combine Year 12 and Year 13 content, and practise full Paper 1, 2 and 3-style questions under timed conditions.					
Assessment Details	End-of-topic assessments take place regularly throughout the year. These consist of AQA-style exam questions covering recent content and key practical skills. A formal mock examination is held in the autumn term, assessing content taught across Year 12/13 to date under exam conditions. Assessment data is used to monitor progress, support exam preparation, and inform targeted intervention where necessary.					



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	4 .5 lessons a week and Homework every lesson					
Content/Topics	Philosophy Religious Language Works of Scholars Influences of developments in religious belief	Philosophy and Ethics Revision Works of Scholars Ethical language Deontology, Virtue Ethics and the works of scholars	Ethics and New Testament Medical ethics: beginning and end of life issues Texts and interpretation: the Kingdom of God, conflict, the death and resurrection of Jesus Scientific and historical critical challenges, ethical living and the works of scholars	New Testament Scientific and historical critical challenges, ethical living and the works of scholars Revision	EXAMS Revision	EXAMS Revision
Skills and Procedural Knowledge across the year	The course encourages students to explore religious thought and its impact on individuals, communities and society. It develops critical, enquiring and reflective skills. Students consider big life questions about purpose, values and commitments. They learn how religion, philosophy, ethics and texts have influenced beliefs and practices over time. The course strengthens students' ability to: Build and present well-reasoned arguments, Analyse and evaluate ideas, Engage thoughtfully with moral, spiritual and religious issues These are excellent preparation for higher education and beyond.					
Links for exam boards and revision materials	https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/religious-studies-2016.html#%2Ftab-A-ASlevel Text books Pearson Edexcel Religious Studies A level/AS Student Guide: Philosophy of Religion Pearson Edexcel Religious Studies A level/AS Student Guide: Ethics Pearson Edexcel Religious Studies A level/AS Student Guide: New Testament					
Revision Techniques and Advice	Complete all Homework and classwork Make revision notes and create flash cards Practice past paper questions Attend all interventions Complete Seneca learning tasks					
Assessment Details	Unit Test	Mock	Mocks		A-Level exam	A- Level Exam

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	5 lessons per week (including 1 period 6 lesson) 3 pieces of homework per week.					
Content/Topics	Unit 3: US Government and Politics 3.1: Constitution and Federalism • Constitution; • Federalism; • UK/US comparison. 3.2: Executive • President; • Powers and limitations; • UK/US comparison.	Unit 3: US Government and Politics 3.3: Electoral processes • Nomination process; • Presidential Elections; • UK/US comparison. 3.4: Legislative • House of Representatives; • Senate; • UK/US comparison.	Unit 3: US Government and Politics 3.5: Judiciary • Supreme Court; • Significant rulings; • UK/US comparison. 3.6: Political parties • Democrats; • Republicans; • UK/US comparison.	Unit 3: US Government and Politics 3.7: Rights and race relations • Racial inequality; • Progress towards equality; • UK/US comparison.	Revision: Unit 1: UK Politics Unit 2: UK Government Unit 3: US Government and Politics	Revision and A Level Exams
Skills and Procedural Knowledge across the year	AO1 – Knowledge & Understanding Secure and accurate use of key political terms and concepts. Up-to-date examples drawn from current UK politics to illustrate institutions and processes. AO2 – Analysis Deconstruct questions to identify key issues and lines of argument. Analyse how political institutions, ideas and actors interact (e.g. Parliament vs. Executive). Weigh strengths and weaknesses of contrasting viewpoints. AO3 – Evaluation & Judgement Reach balanced, evidence-based conclusions that directly address the question. Prioritise arguments and show clear reasoning. Procedural Skills Plan and write essays that meet Edexcel 12-, 24- and 30-mark criteria under timed conditions. Research from reliable sources and reference current examples accurately. Organise notes and revision materials; track contemporary developments to use as case studies.					
Links for exam boards and revision materials	Edexcel – A Level Politics (2017 specification) https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/politics-2017.html The Politics Shed – Edexcel A & AS Level Resources https://sites.google.com/site/thepoliticsteacherorg/home/edexcel-a-level-as-level Save My Exams – Edexcel Politics https://www.savemyexams.com/a-level/politics/edexcel/ Brainscape – Edexcel A-Level Politics Flashcards https://www.brainscape.com/subjects/a-level-politics-edexcel					
Revision Techniques and Advice	Plan & Interleave – create a weekly schedule mixing different topics to build cross-links and prevent cramming. Active Recall – use flashcards, quizzes and timed past-paper questions instead of passive note-reading. Exam Practice – write regular 12- and 30-mark essays, focusing on clear structure, balanced arguments and up-to-date examples. Update Evidence – keep a log of current political events to refresh case studies and strengthen AO1 knowledge.					
Assessment Details	Timed essay on 3.1/3.2	November Mock on Paper 1 Timed essay on 3.3/3.4	January Mock on Paper 2 and Paper 3 so far	March Mock on Paper 1, 2 and 3		

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lessons per week/Homework per week	5 lessons per week (including 1 period 6 lesson) 3 pieces of homework per week.					
Content/Topics	Component 3 Section A Topic: Globalisation and the digital social world 1. What is the relationship between globalisation and digital forms of communication? Component 3 Section B Topic: Crime and Deviance 1. How are crime and deviance defined and measured? 2. What are the patterns and trends in crime?	Component 3 Section A Topic: Globalisation and the digital social world 2. What is the impact of digital forms of communication in a global context? Component 3 Section B Topic: Crime and Deviance 3. How can crime and deviance be explained? 4. How can crime and deviance be reduced?	Topic: Recap Comp 1 Families and Relationships Topic: Recap Comp 2 Researching and understanding social inequalities Topic: Recap Comp 3 Debates in contemporary society		Revision and A Level Exams	
Skills and Procedural Knowledge across the year	AO1 – Knowledge & Understanding Use key concepts, theories and empirical studies accurately and with clear contemporary examples. AO2 – Application Apply sociological ideas to a range of contexts, including unseen data or contemporary social issues. AO3 – Analysis & Evaluation Construct balanced arguments, compare perspectives, and assess research methods, strengths, limitations and ethical issues. Exam Technique Plan and write structured answers for 10-, 20- and 30-mark questions under timed conditions, using AO1–AO3 throughout.					
Links for exam boards and revision materials	OCR Specification & Past Papers: https://teach.ocr.org.uk/ocr-refreshed-a-level-in-sociology Save My Exams OCR Sociology: https://www.savemyexams.com/learning-hub/exam-specifications/boards/ocr/sociology/ Revision World Past Papers & Notes: https://revisionworld.com/a2-level-level-revision/sociology-level-revision/sociology-level-past-papers/ocr-level-sociology-past-papers StudyRocket OCR Sociology Revision: https://studyrocket.co.uk/revision/a-level-sociology-ocr					
Revision Techniques and Advice	Master key theorists, studies & concepts - use flashcards and glossaries to memorise names, definitions, methods, and core ideas, then test yourself regularly. Use specification & past papers strategically - align revision with the OCR spec, practise past-paper questions, and use mark schemes to understand what examiners reward. Make synoptic links & evaluation chains - practice connecting theories across topics (e.g. linking socialisation with crime) and always follow a point with critique or counterargument. Write timed mini-essays & plan responses - regularly time short essay responses (e.g. 10-, 20-mark) to build speed, structure, and confidence under exam pressure.					
Assessment Details	Timed essay on 3A and 3B	Nov Mock on Paper 1	Jan Mock on Paper 2 and 3	March Mock on Paper 1, 2 and 3		

Recommended Reading List

Year
13

