

Subject	Overview
Mathematics	Students will study the following: • Simultaneous Equations: Students will explore how to find the solutions for a pair of linear simultaneous equations by both algebraic and graphical methods. • Ratio and Proportion: This topic develops students' understanding of proportional reasoning and its use in everyday situations. Students solve ratio problems, work with direct and inverse proportion, compare value through best-buy calculations, interpret conversion graphs and exchange rates, and explore how quantities change in proportion to one another. • Area and Volume (Foundation students): This topic extends students' knowledge of 2D and 3D geometry. Students draw and interpret plans and elevations, and calculate the volume and surface area of cylinders, spheres, cones and pyramids. • Similarity and Congruence: This topic focuses on comparing shapes and understanding their geometric relationships. Students identify and use similar shapes and triangles, calculate unknown lengths and angles using scale factors, and solve problems involving similarity. Students will also learn the difference between similarity and congruence, identify congruent triangles using congruence conditions, and apply these concepts to solve geometric problems. • Homework: Sparx Maths Homework will be set weekly throughout this half term, set each Monday and due to the following Monday. • Assessments: w/c 28th September – Simultaneous Equations End of Unit Assessment w/c 12th October – Ratio and Proportion End of Unit Assessment
English	Students will study the following: • 3 lessons a week exploring the plot, themes and characters from Blood Brothers by Willy Russell. • 2 lessons a week will be focused on developing their skills in exploring a range of non-fiction texts and developing their own transactional and discursive writing in line with GCSE English Language Paper 2. Homework: Weekly Seneca Assignment Language Paper 2 writing tasks Assessment: • Week 6: Blood Brothers Question • Week 7: Letter Writing
Science	Students will study the following: • Biology: Environment: Students learn about human impacts on the environment, including deforestation, pollution, and climate change. They study the importance of sustainability, waste management, and conservation. Key topics include the greenhouse effect, global warming, biodiversity loss, and strategies for reducing negative effects on ecosystems to promote a more sustainable future. Genetics and inheritance: Students learn about the passing of traits from parents to offspring, genetic inheritance, dominant and recessive genes, co-dominance, and sex-linked inheritance. • Chemistry: Industrial chemistry- Students learn about factors affecting the rate of reactions, including temperature, concentration, surface area, and catalysts. They explore collision theory, activation energy, and how reaction rates are measured. Practical investigations involve monitoring changes in reactants/products, and students apply these concepts to real-world processes, such as industrial chemical reactions. Organic chemistry - Students learn about organic compounds, focusing on hydrocarbons like alkanes and alkenes. They study reactions, including combustion and explore crude oil refining and fractional distillation. • Physics: Newtons Law - Students learn Newton's three laws. The First Law states that if the resultant force on an object is zero, a stationary object remains stationary

	and a moving object continues at constant velocity; at Higher/Triple level this tendency is called inertia. The Second Law links force, mass and acceleration ($F=ma$), and students use this equation in calculations. The Third Law states that interacting objects exert equal and opposite forces on each other. Triple/Higher students apply these laws in more complex, unfamiliar situations and explain their reasoning in greater depth Homework: Each week students will be set 3 Science homework tasks (Biology, Chemistry Physics). The homework will be an exam question that is between 6-15 marks. Students may also have quizzes on Seneca assigned by their class teacher.
German	Students will study the following: • Social and Environmental issues: Students will achieve an understanding of vocabulary to describe social activism, environmental problems and solutions. • Grammar: Students will revise and develop past tense. They will develop conditional verbs and future time frames to describe events in the future. • Homework: Homework will be weekly and vocabulary based. The Speaking Mock exam will be w/c 23rd November. Students will need to speak without notes on their chosen theme.
French	Students will study the following: • Town and shopping: Students will achieve an understanding of vocabulary to describe what is in their area, shopping preferences and ordering items. • Grammar: Students will revise and develop past tense. They will develop conditional verbs and future time frames to describe events in the future. • Homework: Homework will be weekly and vocabulary based. The Speaking Mock exam will be w/c 23rd November. Students will need to speak without notes on their chosen theme.
Geography	Students will study the following: • Ecosystems: ○ Students will understand the food and nutrient cycle and know how it impacts the environment around it ○ Students will know the main biomes found across the world ○ Students will understand how human factors can impact ecosystems ○ Specific case studies: Tropical Rainforest and Deciduous Forest Homework: Homework will be set every two weeks, students will be completing the UK challenges booklet alongside 4- and 8-mark exam questions and Seneca memory retrieval. Assessment: A ecosystems Edexcel exam set of questions before HT.
History	Students will study the following: Elizabeth I: Challenges to Elizabeth at home and aboard • The northern rebellion • The Catholic plots (Ridolfi, Throckmorton, Babington plots) • Relations with Spain • The Spanish Armada (causes and failures) Elizabeth I: Society and the age of exploration • Theatre and entertainment • Poverty • Exploration (Sir Francis Drake) • Walter Raleigh (Virginia and Roanoke) End of Unit Assessment: Key features, Explain why, Evaluation of a historical statement
GCCSE Religious Studies	Students will study the following: Christianity:

	• Sin and Salvation – How sin can affect your afterlife and how Christians seek atonement. • Christ's Role in Salvation – How the crucifixion played a part in human salvation. • End of unit Assessment. • Worship • Prayer • Holy communion.
PSHE	Students will study the following: CEIAG- Careers Education, Information, Advice and Guidance • Understanding post-16 options and the changing landscape of 16-18 education including apprenticeships and T-Levels, visitors from Blackpool Sixth and Blackpool and Fylde college and preparation for the Careers Fair and Mock Interviews. • What is a CV and what is it for? • Learning to create a high-quality first CV which can be used to secure part-time employment or apprenticeship interviews.
PE	Students will study the following: • Girls: Team sport (outside), Team sport (Gym) and Individual sport (Outside) • Boys: Team sport (outside), Team sport (Gym) and Individual sport (Outside)
GCSE PE	Students will study the following: • Theory: Classification of skills, guidance, feedback and health and fitness. • Practical: Climbing and Handball. Homework: Students are expected to work on their coursework at home they are finishing part b. They can access this on their google classroom. They will also be given exam questions on everlearner to complete.
Sports Studies	Students will study the following: • The students are continuing work on their R185 where they will be delivering and evaluating their leadership sessions.
Health and Social Care	Students will study the following: Unit R034- Students are delivering their creative and therapeutic activities where they will also evaluate their sessions.
Music	Students will study the following: • Discussion regarding what coursework has been completed last year • Comparison of Grade Boundaries from previous years • Listening to and Appraising music – set works knowledge (Badinerie and Africa) • Composition brief release • Composition skills • Solo and Ensemble performances
Performing Arts	Students will study the following: Component 1 Exploring the Performing Arts Students will develop their understanding of the performing arts by examining practitioners' work and the processes used to create the performance. This half term they will focus on a piece of professional repertoire that is suitable to match the theme given by the exam board. Students will undertake written and some practical tasks- 1. Creative intentions- theme, issues, response to stimulus, style/genre, contextual influences, collaboration with other practitioners, influences. 2. Purposes- to educate, to inform, to entertain, to provoke, to challenge viewpoints, to raise awareness or to celebrate. 3. Develop their appreciation and understanding of performance roles in relation to the profession piece-actor, dancers, and singer.

	4. Develop their appreciation of non-performance roles in relation to the professional piece-choreographer, director, producer, writer, costume designer, set and lighting designer or technician etc. 5. Skills required by all the different production roles. Homework: Students are to spend at least 1 hour on their coursework.
Art	Students will study the following: Students will be given the theme of Nature and will independently decide on what imagery they will create based on this. Students will develop a portfolio of work based on the theme of Nature using the following media. • Pencil and Graphite, • Pen, • Fine Liner and wash, • Pencil Crayon, • Mixed Media, • Ink. Homework: Collect images based on the theme of Nature, Artist Research project, sketchbook drawing tasks using pencil and pen.
Art Textiles	Students will study the following: Students will be continuing with their NEA coursework which is due at Easter. In this half term they will be focusing on: • Students will continue to develop their idea. • Students will complete the manufacture of their final piece. Homework: Each week students will be expected to spend at least an hour on their NEA.
Design and Technology	Students will study the following: Students will be continuing with their NEA coursework which is due to be completed in February 2026. In this half term they will be focusing on: • Completing their research (Section A) • Writing a design brief and specification (Section B) • Completing initial ideas They will also be completing revision tasks and exam question to recall key theory knowledge covered in year 10. Homework: Seneca assignments revisiting the theory content already covered. Students will be expected to work on their NEA.
Hospitality and Catering	Students will study the following: 2.1 The importance of nutrition 2.1.1 Understanding the importance of nutrition 2.1.2 How cooking methods can impact on nutritional value 2.3 The skills and techniques of preparation, cooking and presentation of dishes. 2.3.1 How to prepare and make dishes 2.2.3a Food safety practices 2.2.3b Food safety practices 2.3.3c Food safety practices Assessment: 2.1 End of topic test / Unit 2 Mock Task 1a and 1b Homework: Practice Exam Questions
Computer Science	Students will study the following: Topic Overview • System software • Legal, Cultural and ethical components. This format is structured to provide a clear overview of the curriculum, assessments, and educational rationale for GCSE during the first term.

	Why this? - Looking at components of different software for computer systems - Understanding the different laws that affect Computer Science Why now? - Consolidating the knowledge and learning from previous lessons. Homework/ Assessment: - End of term test covering systems software, and laws. - Formative assessment after the end of each unit is revisited. - Weekly problem sets focusing on binary conversions and exam questions.
Business Studies	Students will study the following: Paper 2 Unit 6 Influences on business 6.1 Ethics and environmental factors 6.2 Economical factors 6.3 Globalisation Homework: Mean Business booklets/ SENECA assignments and past exam questions based on finance.
Enterprise	Students will be completing their NEA/ Component 2- Planning and presenting an enterprise LOA 1: Exploring different ideas LOA 2a and 2b: Creating a business plan LOA 3a and 3b: Presenting and reviewing presentation Homework: Mean Business booklets/ SENECA assignments and past paper questions for Component 3
Construction	Students will study the following: - Students are preparing for Component 3, further developing design skills for a building, remembering that they must take into consideration the wants / needs of the client and take into account constraints provided by the exam board. - Students will be recalling key learning from Year 10, by carrying out a range of activities that involve some more in-depth reading. so, preparing for the component 1 exam. They are now expected to put the knowledge they have into practice to write their component 3 proposal.