

Sir Robert Pattinson Academy



Curriculum Bulletin

2025-26

Term 3

Tuesday 6 January 2026 to Friday 13 February 2026

- **Online resources**

Students at Sir Robert Pattinson Academy have access to a wealth of high-quality online platforms to support independent learning, homework completion and to provide bespoke intervention. The table below provides a summary of each resource and gives details of login and password details, plus a named contact should additional support be required.

Resource	Details	How to access	Problem solving
Exampro Onscreen	Students have access to a range of examination questions to support learning and revision in science.	<p>OSA Student (exampro.co.uk)</p> <p>Links have been shared by science teachers during lesson time.</p> <p>Centre number = 26148</p>	Please contact your science teacher or Mis Burridge at EBurridge@srpa.co.uk
Frog	All subjects have a Frog page where additional resources and support can be located.	<p>https://vle.srpa.co.uk/app/os</p> <p>Usernames and passwords have been shared with students via personal tutors.</p>	There is a 'forgot password' link at the login page. Alternatively contact our IT support desk at ITSupport@srpa.co.uk
Go4Schools	Go4Schools provides students and parents with up-to-date information regarding attendance, behaviour and details of homework tasks set. It is also used to share progress reports at each tracking point. There is also a Go4Schools app that can be downloaded onto your smart phone (Android and iOS).	<p>https://www.go4schools.com/</p> <p>Parents – use the email address that you have provided SRPA as your contact information. Click on the 'first time user?' link when accessing Go4Schools for the first time.</p>	There is a 'forgotten your password?' link at the login page. Alternatively contact Go4Schools@srpa.co.uk
Historical Association Student Zone	An online platform aimed at students from the Historical Association. It offers high-quality resources for history students from GCSE to postgraduate level. This includes; articles, copies of original source material, historical scholarship, careers guidance, and more.	<p>https://www.history.org.uk/student</p> <p>Centre ID = 93839 Password = History123</p>	Login details are displayed in History classrooms. Alternatively, contact Miss Allan at: CAllan@srpa.co.uk
Isaac Computer Science	Isaac Computer Science is an online all in one platform. It combines full learning resources for every topic at GCSE and A Level, alongside varied question levels to test students' understanding of different topic areas.	<p>Isaac Computer Science</p> <p>Use your school email address and password to access this site.</p>	There is a 'forgotten your password?' link at the login page. Alternatively contact Mr Smith at ASmith1@srpa.co.uk

Resource	Details	How to access	Problem solving
Languagenut	An online platform for French and Spanish from KS3 to A-Level, covering all of the exam skills of reading, listening, speaking and writing as well as vocabulary, grammar and sentence building. Teachers will set homework on Languagenut each week to help students to learn vocab for their next lesson as well as to enable students to consolidate what they have learned in lessons.	www.languagenut.com or download the free app. Students have been given their usernames and passwords. These should be written in planners and on termly learning logs.	French students please contact their teacher or Mrs Hughes at NHughes@srpa.co.uk Spanish students please contact their teacher or Mrs Rodgers at JRodgers@srpa.co.uk
Quizlet	Quizlet is an online platform designed to support the learning of vocabulary at Key Stage 4 in modern foreign languages.	https://quizlet.com/login Class teachers will send all students an invitation link containing the correct login details.	French students please contact their teacher or Mrs Hughes at NHughes@srpa.co.uk Spanish students please contact their teacher or Mrs Rodgers at JRodgers@srpa.co.uk
Reading Plus	This is a new resource being used to support the development of students' reading skills. It is being used in English and Performing Arts for homework for students in Year 7 to Year 9.	You will be given your username and password in your library lesson. If you are absent, please check your school email for your login details	Please contact your library class teacher or Mrs Murdoch at JMurdoch@srpa.co.uk
Sparx Maths	Sparx Maths supports students aged 11-16 with personalised, challenging and attainable homework.	https://sparxmaths.com/ Usernames and passwords have been shared with students via class teachers.	There is a 'forgotten Sparx login details?' link at the student login page. Alternatively, please contact your mathematics teacher or Mr Roberts at DRoberts@srpa.co.uk

Year 7 curriculum for term 3

Subject	Term 3 overview
English	<p>This term we will begin our study of the <i>war</i> novel, <i>Private Peaceful</i>. We will learn about the features of the war genre and consider the role of poetry in the shaping and understanding of public perceptions of war. Throughout the unit we will practise reading and writing skills through language analysis, and we will build on the creative writing skills explored in term 1.</p>
Mathematics	<p>7R/Ma1 – 7R/Ma4 and 7P/Ma1 – 7P/Ma4 In term 3, we will continue to look into geometry by learning how to accurately construct shapes as well as some of the properties and classifications of various 2D and 3D shapes. We will then move on to explore negative numbers and how we can complete calculations that involve these. Our final topic for the term will introduce us to algebra, where we will learn about the notation, collecting like terms, expanding single brackets, substitution and function machines.</p> <p>7R/Ma5 and 7P/Ma5 This term in maths we will begin by looking at decimals, this includes adding and subtracting decimals before looking into how this applies to real life situations such as money and debit/credit problems. We will then move onto starting our co-ordinates unit which includes both reading and plotting co-ordinates as well as tackling problem solving questions.</p>
Science	<p>In term 3, we will start our journey beyond Earth, looking into the night sky and beyond. What's in our Solar system? Why do we have seasons? Why does the moon look different on different days? These are all questions that we will answer this term. At the same time, we'll be exploring what atoms are, the differences between atoms, elements and compounds and how to write chemical formula, all before starting an exploration into the human reproductive system and the development of foetuses.</p>
French	<p>This term we will continue to learn a range of strategies which help us to learn a language and we will be putting these into practice by learning to talk about where we live, describing our houses and what we do at home. We will continue to learn about rules of grammar and how to apply them to our speaking and writing and will also continue to practise Spanish phonics in order to pronounce words correctly. We will learn more about the Spanish-speaking world and its traditions.</p>
Geography	<p>In term 3, Year 7 are finishing off their second topic how do countries differ. Students will then move on to look at tropical rainforests. This will include looking at deforestation in the Amazon and how plants and animals have adapted to the rainforest. Students will also get the chance to design their own animal to survive in the tropical biome.</p>
History	<p>Having investigated life in Medieval Britain during term 2, in term 3, Year 7 will consider the question 'how similar and different were lives around the Medieval World'. They will begin by looking at how Medieval people viewed the world and challenge the idea that everyone believed it was flat. They will go on to investigate life in the Islamic World, centred on Medieval Baghdad and the West African Mali Empire. They will end the term by examining and how Christian and Islamic cultures met and clashed through the religious conflict of the Crusades. This will all be underpinned by homework based on learning and understanding key vocabulary and lots of opportunities in lessons to develop their skills as historical writers.</p>

EFP	In term 3 we will be studying religious festivals and exploring their significance in religions but also modern British life. We will be comparing festivals and taking part in activities that coincide with various religious festivals taking part across the globe. Students will also be introduced to the concept of secularism as we discuss secular festivals.
Computing	This term, Year 7 students will continue work on Topic 4: Media – Presentations where they will use a range of different skills across several software applications to create a poster and slides on a given theme. After Topic 4, students will begin work on Topic 5: Spreadsheets – Intermediate. During this topic, students will use Excel, learning how to create basic formulae and functions, to format and sort data efficiently, to model data for analysis and create charts.
Music	Students will be learning how to play the ukulele. They will learn a little history about the instrument but will mostly be learning to play chords, including the 4 chord trick which will enable them to accompany and sing along to a plethora of popular music.
Drama	Students will be studying the works of Roald Dahl. Throughout this unit students will be looking at different classic tales and exploring them both practically and theoretically. From Matila to Charlie and the Chocolate Factory, pupils will look at characters in detail and explore how to share these stories on the stage.
Design & Technology	Students investigate the sources, types, applications, and end-of-life processes of metals. They continue to develop their isometric drawing and rendering skills, enhancing their ability to present design concepts effectively.
Food Technology	In Catering & Food Technology this term, Year 7 students will begin a new topic on commodities, focusing on dairy products, fruits, and vegetables. This topic introduces students to the variety of ingredients within these food groups and encourages them to explore the finer details of storage, safe preparation, and the range of dishes that can be created using these ingredients. Practical activities will include preparing an apple crumble to bake at home, reinforcing their understanding of fruit-based dishes, and cooking mini frittatas to apply their knowledge of vegetables whilst introducing dairy. Through these tasks, students will develop confidence in handling ingredients, applying correct storage and hygiene practices, and producing simple, nutritious dishes.
Art	This term, Year 7 students will explore the formal element of shape through wet media. Working with watercolour, they will learn techniques for creating bold and subtle shapes while studying the abstract compositions of Wassily Kandinsky. Students will apply these ideas to their own work, experimenting with colour and shape relationships to produce dynamic designs.
PE	Students will be covering a range of activities including rugby, netball, handball, gymnastics/dance, OAA, and fitness.
Personal Development	This term students will learn about identity, rights and how to respect people of different cultures, sexual orientations, and people with disabilities. Students will look at how to challenge prejudice, stereotypes, and discrimination. The theme of this term is relationships and students will look at how they can have a positive relationship with everyone in society.

Year 8 curriculum for term 3

Subject	Term 3 overview
English	In term 3, we will begin our Nature unit. A large proportion of this unit is taken up with the study of Shakespeare's classic play <i>A Midsummer Night's Dream</i> , which we will read in class. We will consider the characters, plot and language of the play through a wide selection of reading and discussion activities, as well as through exploratory writing.
Mathematics	<p>8R/Ma1 – 8R/Ma4 and 8P/Ma1 – 8P/MaP4 In term 3 we will be working on the themes of proportional reasoning, patterns and geometry. While working through proportional reasoning we will recap dividing in a ratio and then using these skills to interpret problems involving best value or recipes before working with compound measures such as speed and density. Our work on patterns will focus on being able to define a sequence of numbers algebraically and find the formula for a linear sequence. Whilst exploring geometry we will focus on angle work, specifically exterior and interior angles of polygons and angle properties when working with parallel lines.</p> <p>8R/Ma5 and 8P/Ma5 The start of the term is focused on rounding numbers. Building on from rounding to 10, 100, nearest integer, we introduce rounding to decimal places, significant figures, and how we can estimate answers to calculations. The second unit of the term is focused on fractions. After recapping equivalence, converting mixed number and improper fractions, and ordering fractions, we focus on calculations. All four of the operations are looked at, extending into worded questions where appropriate. Alongside the two units, we will continue to focus on developing the numeracy skills needed to access other areas of mathematics.</p>
Science	This term in science we will be exploring the topics of respiration and photosynthesis with one of your science teachers. We'll be looking at the digestive system and the circulatory system. You'll learn why your heart and breathing rate increase during exercise and why you sometimes get a stitch! With your second science teacher you will be applying your knowledge of energy transfers to different situations, how we generate electricity, what work actually means and how things heat up.
French	This term we will continue to learn a range of strategies which help us to learn a language and we will be putting these into practice by learning to talk about where we live, describing our houses and what we do at home. We will continue to learn about rules of grammar and how to apply them to our speaking and writing and will also continue to practise French phonics in order to pronounce words correctly. We will learn more about the French-speaking world and its traditions.
Spanish	This term we will be covering the topic of food and transactional skills in a Hispanic restaurant, learning to talk about our eating habits as well as ordering food in a real-life setting. We will continue to work on opinions and present tense verbs within the first person as well as adjectival agreement as students give reason for their choices. We will begin to look at the formality and use of "usted", the third person, when asking questions as a waiter/waitress. In addition, we will continue to practise our Spanish phonics to be able to use correct pronunciation and will continue to learn about the Spanish-speaking world and its traditions.
Geography	In term 3, Year 8 geography students will complete the second topic of the year, 'how are global populations changing?'. Afterwards, students will start the third new topic, 'how are our cold environments under threat?'. In this topic students explore the fragile ecosystems of cold environments and investigate the impacts of climate change as well as pollution. Students look at how animals have adapted to this hostile biome and design their own animal that could survive there!

History	In term 3, Year 8 will investigate the most revolutionary parts of the Industrial Revolution. They will examine how the population grew leading to huge industrial towns and cities. They will examine the transport revolution which resulted in the building of the railways and how through all of this, Britain became dependent on fossil fuels like coal. This will all be underpinned by homework based on learning and understanding key vocabulary and lots of opportunities in lessons to develop their skills as historical writers.
EFP	In term 3 we will be learning about Jesus and exploring who he is to religions across the world. We will explore teaching and practices as well as learning about the Sermon on the Mount and its significance in Christianity today.
Computing	This term, Year 8 students will be working on Topic 3: Data representation – Alphanumeric which will introduce them to binary digits and how they can be used to represent text and numbers. The concepts are linked to practical applications and problems that they are familiar with. Towards the end of term, students will begin working on Topic 5: Computer Hardware where they will be looking at the internal working of computers as well as input and output peripherals.
Music	Students will be learning about riffs and ostinatos. They will have the opportunity to learn a variety of iconic riffs as well as compose their own. They will also explore how ostinatos have been used over time and the compose using minimalistic techniques - a style that relies heavily on repetition.
Drama	Students will begin their study of the play 'A Monster Calls'. This was originally a novel by Patrick Ness, adapted for the stage by The Old Vic with Adam Peck as the writer in the room. Pupils will explore the complex feelings of a young boy dealing with the illness of a close family member. Not only will they read sections of the play, but they will also have chance to watch sections of the original professional production. Practically they will explore a selection of scenes that explore the different relationships of Conor, specifically focussing on the role of an ensemble within devised work.
Design & Technology	Students are introduced to the Art Deco movement, studying the work of designer Eileen Gray. They design a casted keyring inspired by Art Deco aesthetics and further develop their CAD skills to create a mould for metal casting. This term highlights the role of CAD in product development and its applications in real-world manufacturing.
Food Technology	In catering & food technology this term, Year 8 students will continue developing their practical skills by focusing on advanced preparation techniques. They will demonstrate their understanding of kneading through the process of making bread rolls and explore pastry handling and creation by preparing shortcrust jam tarts. To consolidate these skills, students will complete a practical assessment by making pizza wheels, drawing on a variety of preparation, combination, and shaping techniques developed throughout the year. These activities will deepen their knowledge of dough and pastry handling while reinforcing safe and efficient kitchen practices.
Art	This term, students will continue to explore tone, this time using wet media to create a sense of distance and atmosphere. Working with gouache, they will experiment with tonal gradients and layering techniques inspired by the work of Ian Scott Massie. Through this project, students will learn how tone influences perspective and mood in painting.
PE	Students will be covering a range of activities including rugby, netball, handball, gymnastics/dance, OAA, and fitness.
Personal Development	Students will explore discrimination in all its forms, including racism, religious discrimination, disability, discrimination, and sexism. They will also learn how to manage influences on beliefs and decisions and the importance of self-awareness. Students will look at the case of Doreen Lawrence to look at how discrimination has impacted people's lives and the routes we can take to improve society for the better.

Year 9 curriculum for term 3

Subject	Term 3 overview
English	In term 3, students begin a study of non-fiction texts on the theme of Leaders. We look at what it takes to be a great leader and analyse examples of great leaders from the past and present, looking, in particular, at how these leaders express themselves in speeches and in the media. This unit also offers an introduction to Media Studies to help inform students' options choices prior to Year 10.
Mathematics	<p>9R/Ma1 – 9R/Ma3 and 9P/Ma1 – 9P/Ma2 This term we will begin by applying our knowledge of algebra to solve and represent inequalities. We then will be looking at various calculations on shapes- areas of sectors, using Pythagoras theorem to calculate missing side length in right angled triangles and finding harder volumes of prisms. We will then look at how we can use properties of triangles as well as all of our prior knowledge of angles to prove congruence or similarity.</p> <p>9R/Ma4 and 9P/Ma3 In term 3 we will start by continuing to learn about algebra, with a focus on solving equations, inequalities and error intervals. We will then move on to calculating space where we will look at finding the area and perimeter of various 2D shapes, including circles, as well as the volume and surface area of some 3D shapes.</p> <p>9P/Ma4 In term 3, we will begin by exploring averages, learning how to calculate the mean, median, mode, and range from lists of data before applying this knowledge to ungrouped frequency tables. We will then consolidate our understanding by using averages to compare two sets of data in context. After this topic, the focus will move to shapes, we will start with similar shapes and using proportion to determine how many times bigger or smaller one shape is compared to another. This will lead into transformations, beginning with enlargement and then developing confidence with reflections and translations, before revisiting rotations.</p>
Science	In term 3, we will be studying waves, including sound and light waves and their properties. You will learn what colour is and the difference between a radio wave and a gamma ray. Alongside this, we will be looking into different systems in the human body and different biological systems in plants. We will have lots of opportunity to enhance their literacy, numeracy and working scientifically skills.
Spanish	This term we will be covering the topic of food and transactional skills in a Hispanic restaurant, learning to talk about our eating habits as well as ordering food in a real-life setting. We will continue to work on opinions and present tense verbs within the first person as well as adjectival agreement as students give reason for their choices. We will begin to look at the formality and use of "usted", the third person, when asking questions as a waiter/waitress. In addition, we will continue to practise our Spanish phonics to be able to use correct pronunciation and will continue to learn about the Spanish-speaking world and its traditions.
French	This term we will be covering the topic of environment, learning to talk about environmental problems and possible solutions, as well as what we can do to protect the environment. We will also discover the French-speaking country of Haiti and the environmental issues it has faced in recent years. We will continue our work on past (both perfect and imperfect), present and future tenses, and will begin to look at superlatives and impersonal verbs, as well as other complex structures. In addition, we will continue to practise our French phonics in order to be able to use correct pronunciation and will continue to learn about the French-speaking world and its traditions.

Geography	In term 3, Year 9 finish the second topic of tectonic hazards, before starting to explore the global ecosystem of hot deserts. Through this new topic they explore the climate and the geographical reasons for the desert's location. Investigating how plants and animals survive in the hot desert before looking at how they are threatened and how they are expanding into previously fertile land.
History	In term 3, Year 9 will be considering the question 'how important were the RAF in the defence of Britain 1940 to 1945?'. This will involve different lesson investigations into a number of fields of conflict during World War Two such as Dunkirk, the Battle of Britain and D-Day. Students will also have an opportunity to engage in the local history of Lincolnshire and it's heritage in relation to the Royal Air Force. This will all be underpinned by homework based on learning and understanding key vocabulary and lots of opportunities in lessons to develop their skills as historical writers
EFP	This term we will explore Hinduism and the idea of a polytheistic religion. We will explore Hindu practices both past and present including cultural practices and explore the impact of Indian patrician on Hindus. We will also build upon our knowledge of Diwali to explore how this is celebrated in Britain.
Computing	This term, Year 9 students will be working on Topic 3: Data science where they will learn how to use data to investigate problems and make changes to the world around them. Towards the end of term, they will be starting Topic 4: Impacts of Technology. This topic will cover creative commons licenses, the ethics of technology and artificial intelligence.
Music	Students will be learning all about the blues – its history, key components such as walking bass lines, extended chords, and improvisation using the blues scale.
Drama	Students will begin studying the play 'Too Much Punch For Judy' with a focus on Theatre in Education. Theatre in Education is a style of theatre that aims to educate audiences on a range of topics that are prevalent in society. Students will explore the different techniques that are used to create a successful, educational and engaging piece of theatre for the audience.
Design & Technology	Students are introduced to electrical systems and explore how different types of energy are generated and used. They investigate how energy can be combined with mechanical systems to create functional products, applying this knowledge by soldering a torch circuit. This term blends science and technology to deepen understanding of product functionality.
Food Technology	In catering & food technology this term, Year 9 students will advance their practical and theoretical skills by exploring the topic of sauces and sauce-making. They will learn techniques such as reduction and roux preparation, applying these methods in increasingly complex practical tasks. Students will create dishes like macaroni cheese to demonstrate their understanding of roux-based sauces and blancmange to develop skills in setting and achieving the correct consistency. This topic introduces more refined culinary methods, preparing students for higher-level cooking and future assessments.
Art	This term, students will investigate the formal element of texture, beginning with implied texture through wet media. Using chalk pastels, they will experiment with layering and mark-making techniques to create rich, tactile surfaces. Their work will be informed by the style of Tetyana Aleksenko, encouraging them to combine observational detail with expressive handling of media.
PE	Students will be covering a range of activities including rugby, netball, handball, table tennis, fitness and football.
Personal Development	Students will explore different types of families and relationships and how to build relationships based on mutual respect. Students will also explore the Law around family life and will look at issues such as trauma, infidelity and problems that can occur within any relationship.

Year 10 curriculum for term 3

Subject	Term 3 overview
English	<p>In term 3, for GCSE Literature, we will begin the study of <i>Macbeth</i>, focusing on Shakespeare's use of language and the structure of the text, as well as its context. For GCSE Language, we move to focus upon Paper 2, looking at the attitudes and perspectives presented by 19th and 21st century writers in non-fiction texts. We will also begin to practise writing in the different formats required for the GCSE qualification – speech, letter, article, essay and leaflet.</p>
Mathematics	<p>10R/Ma1, 10R/Ma2 and 10P/Ma1 In term 3 students will begin by continuing to improve their algebraic skills by working on rearranging equations and continue our work with algebraic fractions. They will then deepen our understanding of how we can work with 3 dimensional shapes by looking at the volume and surface area of more complex shapes such as cones, pyramids and spheres. They will then look at how we can apply our knowledge of surds and start introducing them to fractions where we rationalise the denominator.</p> <p>10R/Ma3 This term in maths we begin by solving equations and inequalities, this unit will build on skills taught in previous years before looking into solving more complicated equations and inequalities in context. After finishing solving equations and inequalities, we'll be studying Pythagoras Theorem and 3D shapes. The final unit before half-term we will be looking at all types of transformations, this includes rotation, reflection, enlargement and translation.</p> <p>10R/Ma4, 10P/Ma2 and 10P/Ma3 Students P4 will begin by looking at primes, factors and multiples and how we can use these to answer contextual problems. Venn diagrams will be introduced as an approach to help find lowest common multiples and highest common factors. Having learnt to expand a single and double bracket last term, we now use our algebraic skills to factorise expressions. The final unit of the term seems us revisit fractions. We will revisit the four operations with fractions and mixed numbers, and look at fraction equivalence to decimals.</p> <p>10R/Ma5 and 10P/Ma4 In term 3, students will apply their understanding of prime numbers, factors and multiples to do the following: write numbers as products of prime factors; find the highest common factor and lowest common multiple; and factorise into a single bracket. We will then complete a topic on fractions, simplifying and writing equivalent fractions to order fractions, then recapping how to add, subtract, multiply and divide with fractions. We will also convert between decimals and fractions. Finally, we will use our equipment (pencil, ruler, protractor and compass) to construct triangles accurately.</p>
Science	<p>Separate Science Biology: We will be looking How we can prevent communicable diseases caused by pathogens. We will then go onto looking at non-communicable diseases, including cancer a diabetes and the risk factors for them. Chemistry: We will bring our maths skills to the forefront as we look at chemical calculations! Physics: Once the electricity topic is complete, we will be looking at the particulate nature of matter, the different states of matter and how we can change between them.</p> <p>Combined Science This term, we are looking into ionising radiation and dangers that it brings, how unstable atoms can decay into other elements and how we can protect ourselves from them. We will also be looking into the wonderful world of plants and a detailed look into what photosynthesis is and how it works.</p>
Media	<p>This term students will begin to explore new media forms through case studies selected from video games and online, social and participatory media. They will explore how industry producers use media language and representations to engage audiences with a focus on app games Lara Croft Go and Kim Kardashian Hollywood.</p>

Business Studies (GCSE)	This term students will be studying section 1.3: Putting a business idea into practice. Students focus on what business aims and objectives are, how to calculate business costs, profit and interest. Students should be able to explain the different sources of finance that are available to a small business as well as calculating cash flow forecast and break even.
Business Studies (BTEC)	This term students will work on Task 1b of their first Pearson Set Assignment (PSA). Students will have a mixture of monitored preparation time and supervised work to further develop their chosen micro-enterprise idea. They will complete a business plan for the chosen micro-enterprise using a template document provided by the examining board. Students will begin to work on the theory part of Task 2 (Presentations) before being given back their marked Task 1a and Task 1b work and will be given extra time to resubmit work for an enhanced grade.
Computer Science	This term, students will work on topic 1.3: Computer Networks, to understand how the internet operates and how packets are sent through a variety of mediums within our modern world within seconds across a global communication network of wireless and wired devices. They will finish this term on topic 1.4: Cybersecurity, furthering their understanding of how important network security is to the world.
Performing Arts	Students will continue with the completion of Component 1, focusing on developing skills in physical theatre in connection with their focus play 'The Curious Incident of the Dog in the Night-time'. They will participate in several workshops and reflect on these in their coursework. In addition, they will investigate and analyse leading practitioners in the field, Frantic Assembly.
Music	Students will be introduced to Area of Study 3 – Film Music. They will learn about layering, imitation, chromatic movement and dissonance in harmonic work, leitmotifs and the relationship between story and music. They will also learn how to How to achieve contrasts and develop initial ideas when composing.
Health & Social Care	This term we will be looking at legislation in health and social care. We will look at the impact of legislation on practices and working environments as well as the legislation surrounding patient choice and care.
Geography	This term, we have just finished the first section of the physical geography content, the challenge of natural hazards. We now move onto the first section of paper 2 (human geography). Students will be investigation urban challenges and issues. This will include a case study on Lagos in Nigeria as well as the UK urban changes in the city of Sheffield.
History	In term 3, Year 10 will begin by concluding their study of medicine through time by finishing their historic environment study of 'Medicine on the Western Front' during World War One. They will then begin studying their second GCSE topic – Weimar and Nazi Germany 1918-1939. This term will largely focus on key topic 1, the Weimar Republic. This covers the abdication of the Kaiser following WW1 and the formation of the new Weimar government, alongside the challenges they faced. This will all be underpinned by homework based on learning and understanding key vocabulary and lots of opportunities in lessons to develop their skills as historical writers
Religious Studies	In term 3, students will come to the end of studying themes and complete an exam paper to assess their knowledge and understanding of paper 1 in the GCSE. Year 10 students will then continue with the study of life and death where they look at issues such as euthanasia and abortion.
Sociology	This term pupils will be looking at the family in society, discussing changing family patterns and practices. Students will look at the role of women in society and the changing nature of work before researching family diversity in Britain and understanding the way in which the nuclear family has declined in society.
Psychology	This term we will be finishing our second topic of perception. Throughout this, we will be looking at research methods to support our understanding of practical experiments. Students will learn about the way motivation influences perception, during the second half of this term we will begin our development module that explores how humans grow and develop.
French	This term we will be covering the topic of school, including school describing our primary schools and talking about how we can use languages in the future. We will be focusing on deepening our knowledge of impersonal verbs and superlatives as well as consolidating our knowledge of the main three tenses. We will begin to look at the imperfect tense and will continue to look at some complex structures. We will ensure that our knowledge of key phonics is embedded and we will further our knowledge of Francophone culture.

Spanish	This term, we will be learning to talk and write about our relationships with friends and family and also understand information in spoken and written form on this topic. We will learn how to give views on what matters to students in terms of their identity, as well as offering advice to other people.
Core PE	Students will be working on a range of activities including football, netball, basketball, fitness, and table tennis.
GCSE PE	Students will continue their work on unit 2, physical training, In practical lessons they will be completing a unit of work in table tennis.
Engineering Design	This term students will develop their knowledge and understating of technical and formal drawn communication They will explore how to use BS18888 orthographic and exploded views. Students will also be developing and generating their final design solution and outcomes using both hand and CAD skills for NEA R039 which will later in the year be submitted for external assessment.
Art	This term students will start their NEA (non-examined assessment). It will give students the chance to explore, create and take influence from work of others they find inspiring. At this stage of the coursework unit, students should have explored a range of influences and completed media experimentation pages alongside in-depth artist research. Within this element of the unit they start to explore their own personal ideas by developing final piece ideas, the possibilities after taking influence from the work around them is engaging and the outcomes help formulate an exciting story of their artistic development. Through these experiments, they then create a personal outcome/final piece culminating their NEA work.
Photography	This term students will start their NEA (non-examined assessment). It will give students the chance to explore, create and take influence from work of others they find inspiring. At this stage of the coursework unit, students should have explored a range of influences and completed media experimentation pages alongside in-depth artist research. Within this element of the unit they start to explore their own personal ideas by developing final piece ideas, the possibilities after taking influence from the work around them is engaging and the outcomes help formulate an exciting story of their artistic development. Through these experiments, they then create a personal outcome/final piece culminating their NEA work.
Design & Technology	This term students will continue to develop their knowledge and understanding of industrial manufacturing methods using a range of materials focusing particularly on wood, metals plastics. Students will learn by taught theory and the opportunity to widen their knowledge by working on workshop practical skills. The project will also introduce new knowledge from Section 1 of the AQA GCSE Specification, in enterprise, sustainability, design for society, production techniques and how these can be used to inform design decisions, whilst also deepening knowledge gained through our KS3 schemes of learning.
Hospitality and Catering	This term students will gain knowledge and understanding of the importance of nutrition and how cooking methods can impact the nutritional value of food. Students will get the opportunity to understand this by working through both theory and practical tasks.
Personal Development	Students will explore healthy and unhealthy relationships and how to recognise both. They will look at online relationships and the dangers associated with these along with the idea of mutual respect. Students will also explore coercive control and how to access support for a range of different relationship problems. Towards the end of the term students will look at sexuality and different forms of relationships.

Year 11 curriculum for term 3

Subject	Term 3 overview
English	<p>In term 3, students will sit their mock examinations. This will be followed by an in-depth review of student progress and a detailed look at the papers themselves. Student responses will be used to inform our revision cycle, which will begin in earnest immediately following.</p>
Mathematics	<p>11R/Ma1 and 11P/Ma1 In term 3 we will begin looking at how to revise for Mathematics and recapping some of the earlier topics of year 10 in readiness for our mock examinations. The mock examinations take place on the 13, 19 and 21 January. We will be offering intervention sessions on a Wednesday afterschool in C211, which we would encourage our students to attend and engage with. Following the mock examinations, we will analyse the paper question by question to work out which topics will be a focus for us in our targeted revision ready for the summer examinations.</p> <p>11R/Ma2 At the beginning of term 3 we will use formulae to calculate the volumes and surface areas of 3D shapes including cylinders, cones and spheres. Following this, we will have a short period of revision before their mock examinations which are on 13, 19 and 21 January. Intervention sessions are on offer on a Wednesday, after school in C205, with Mrs Morrell. Once mock exams are complete, students will learn to convert between fractions and recurring decimals and use iterative processes to solve equations on their calculators. Finally, we will study composite and inverse functions.</p> <p>11R/Ma3 and 11P/Ma3 In term 3, we will have a short time for revision before their mock examinations which are on 13, 19 and 21 January. We will be offering intervention sessions on a Wednesday afterschool in C204 with Miss McLellan and Mr Ward. Once mocks are completed, we will then look at what a bearing is and how we can use this to find a position of an object relative to another. Students will then recap what column vectors are and how we can both represent graphically and perform calculations.</p> <p>11P/Ma2 At the beginning of term 3 students will use their knowledge of angles and scale drawing to draw and interpret bearings. Following this, we will have a short period of revision before their mock examinations which are on 13, 19 and 21 January. Intervention sessions are on offer on a Wednesday, after school in C205, with Mrs Morrell. Once mock exams are complete, students will reflect on their mock examinations with a period of improvement work before moving on to a new unit. The end of term 3 will culminate in learning to use and apply vectors, building on their knowledge of special awareness and transformations.</p> <p>11R/Ma4 and 11P/Ma4 At the beginning of term 3 we will be finishing our data unit, focusing on representing and analysing data using charts (pictograms, bar charts, pie charts, scatter graphs, time series graphs). Following this we will have a short time for revision before their mock examinations which are on 13, 19 and 21 January. We will be offering intervention sessions on a Wednesday afterschool in C209 with Miss Wells and Mr Evans. Once these have been completed we then move on to looking at algebra, developing our knowledge of expanding and factorising, this time with double brackets.</p>
Science	<p>Separate Science Biology: We will be looking into evolution and genetics this term. This includes how certain characteristics can be passed on to offspring and how species can change and adapt to their environments. Chemistry: We will be looking into the differences between pure substances and mixtures, including chemical formulations and using chromatography as a separating technique. Physics: We will continue to look at waves with a detailed journey through the electromagnetic spectrum, including the uses and dangers of the different types of waves and how to measure the speed of waves.</p>

	<p>Combined Science</p> <p>This term, we will continue to look at the factors that affect the rate of chemical reactions. We will then move onto looking at atoms and ions, what ions are and how they are formed. We will also be looking at electricity, from current, potential difference and resistance to series and parallel circuits, all the way to the national grid and how to wire a 3-pin plug.</p>
Media	<p>In term 3, we will be finalising our work on the NEA and aiming to have drafts completed by the end of term to allow for time to make improvements in term 4. We will also be looking at music videos covering 'I bet that you look good on the dancefloor' by Arctic Monkeys and 'How you like that' by KPop band BlackPink. We will also be revising the CSPs already studied to ensure knowledge is sound.</p>
Business Studies	<p>This term students will be studying section 2.3: Making Operational Decisions. Students will focus on how businesses ensure products are made and delivered efficiently. This includes understanding production methods, quality assurance, customer service, and working with suppliers. In addition, students will be preparing for their theme 2 mock examination.</p>
Computer Science	<p>This term, alongside preparing for their mock examinations, Year 11 Computer Science students will continue their revision through Topic 1.2: Memory and Storage which investigates which devices are used to store information and how computers store this information in a binary format, and Topic 1.3: Computer Networks where students learn about how computers communicate to build global scale networks like the internet furthering their application of knowledge against examination technique practice to support their level of answers within their mock and final examinations.</p>
Performing Arts	<p>Students will now begin the final part of their course, Component 3. This is a group piece where students will need to build their own devised performance based on a stimulus and brief released by the examination board. They will need to draw on all of their experience with practitioners techniques and performance skills to create an effective and engaging performance.</p>
Geography	<p>We have just finished the second of our human geography topics, Changing Economic world. Term 3 sees Year 11 starting the final section of paper 1 (physical geography) which is UK landscapes including coasts and rivers. Students will also be completing their mock examinations this term. Intervention is taking place regularly on Wednesdays during break 1 and is open to all students.</p>
History	<p>In term 3, Year 11 will continue studying their final GCSE topic – Early Elizabethan England, 1558-88. This term will largely focus on problems in Elizabethan England such as religious plots and the threat from Mary, Queen of Scots. This will all be underpinned by homework based on learning and understanding key vocabulary and lots of opportunities in lessons to develop their skills as historical writers</p>
Religious Studies	<p>In term 3, Year 11 will be studying Islamic beliefs, including the Nature of God, holy books and beliefs about the afterlife. There will be opportunities throughout this term to compare and contrast this new knowledge with previously studied material. Students will also have the opportunity to practice and develop exam techniques preparing them for summer examinations. Revision sessions will be on Monday afterschool.</p>
Sociology	<p>This term we are going to be looking at our final topic of social stratification to learn why certain groups in society are disadvantaged as well as looking at the position of power in society. We are going to be revising topics covered so far through social stratification.</p>
Psychology	<p>This term, we will be focusing on the topic of language thought and communication. Exploring psychological perspectives on how we communicate both verbally and through body language. We will also be continuing with revision of Year 10 course content.</p>
French	<p>This term we will be covering the topic of where we live, learning to talk about our towns as well as houses. We will be able to hold conversations about directions and shopping and we will apply this to role-play practice. We will continue our work on a variety of tenses and complex structures, and will begin to look at the pronoun y, as well as new complex structures. In addition, we will continue to practise our French phonics in order to be able to use correct pronunciation and will continue to learn about the French-speaking world and its traditions.</p>

Spanish	This term we will be covering the topic of environment, including being able to say how we can help the environment as well as discovering some of the natural wonders of the Hispanic world. We will continue our work on a variety of tenses and complex structures, and will begin to look at the present subjunctive, as well as other new complex structures. In addition, we will continue to practise our Spanish phonics to be able to use correct pronunciation and will continue to learn about the Spanish-speaking world and its traditions.
Core PE	Students will be working on a range of activities including football, netball, basketball, fitness, and table tennis.
GCSE PE	In GCSE PE theory lessons students will be continuing their work on unit 5, psychology in sport. After this they will continue with their written NEA.
Engineering Design	Students have now completed all their NEA work, which is worth 60% of their final grade. With this significant milestone achieved, students will now begin to practise their understanding of the key concepts necessary for success in the forthcoming final exam, scheduled to take place early in June. It is important to note that some students will need to redo NEA R039 Communication in Engineering in order to maximise their final subject grade. This additional effort will ensure that they are well-prepared and positioned to achieve their best possible outcomes.
Art	Students have now completed all their NEA work, which accounts for 60% of their final grade. With this significant milestone achieved, attention will now shift to their exam preparation activities. This phase will involve exploring a new project based on a given starting point provided by the exam board. The first part of this preparation will consist of an artistic investigation, which will take place during this term. This investigation aims to deepen students' understanding of the subject and foster their creativity, equipping them with the necessary skills for their forthcoming examinations.
Photography	Students have now completed all their NEA work, which accounts for 60% of their final grade. With this significant milestone achieved, attention will now shift to their exam preparation activities. This phase will involve exploring a new project based on a given starting point provided by the exam board. The first part of this preparation will consist of an artistic investigation, which will take place during this term. This investigation aims to deepen students' understanding of the subject and foster their creativity, equipping them with the necessary skills for their forthcoming examinations.
Design & Technology	This term, students will be finalising the developed NEA ideas and manufacturing them in the workshop during a practical exam scheduled for February. It is imperative that students prepare a comprehensive manufacturing specification to gain a thorough understanding of their final concept. This preparation will enable them to produce the highest quality final prototype, which is essential for commercial production. Emphasising precision and attention to detail in this phase of the project will ensure that each student is well-equipped to meet the industry standards expected in their work.
Hospitality and Catering	This term, students will be finalising the developed NEA dishes and will produce a final independent cook in February to showcase their culinary skills. It is imperative that students are well-prepared; therefore, they will need to fully prepare their ingredients and time plans in advance. This preparation will enable them to maximise their time in the school kitchen, ensuring an efficient and productive cooking session. Emphasis will be placed on the importance of organisation and timing, which are crucial elements in achieving a successful outcome for their final dishes. Students are encouraged to demonstrate creativity and confidence in their culinary abilities.
Personal Development	Students will explore healthy relationships following guidance from The Alice Ruggles Trust. They will look at personal values, unwanted attention, and relationship challenges. Students will also look at communication in relationships as well as the challenging issues of stalking and harassment.