

Sir Robert Pattinson Academy



Curriculum Bulletin

2025-26

Term 1

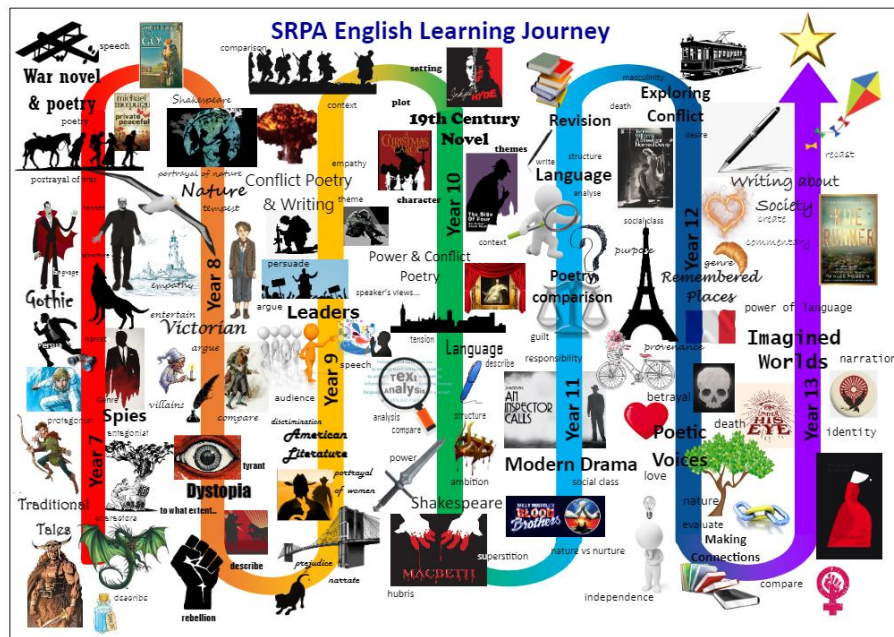
Thursday 4 September 2025 to Thursday 23 October 2025

Information for parents and carers

This document has been produced to give parents and carers a short summary of the topics and skills that students at Sir Robert Pattinson Academy will study during term 1 (Thursday 4 September 2025 to Thursday 23 October 2025).

If you wish to find out any further information, please refer to the following resources:

- The Subject Curriculum area of the Sir Robert Pattinson Academy website**
<https://srpa.co.uk/our-curriculum/subject-curriculum/>
 Here you will find detailed information regarding the curriculum coverage in each subject area, including a Learning Journey to outline students' progression during their time at Sir Robert Pattinson Academy:



- Subject pages on Frog**
<https://vle.srpa.co.uk/>
 Students can access these pages when they login to Frog. Here they will find additional resources and links to support them with their learning:

- **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
Bedrock Vocabulary	Bedrock vocabulary is an online vocabulary-learning platform. It helps broaden students' vocabulary understanding and range while accessing a range of reading materials. The online platform takes students through guided online vocabulary lessons and assesses how well students have learned the vocabulary presented to them in each block, which is suited to their reading level.	https://app.bedrocklearning.org/ Log on by clicking SSO and then entering your school email and password, or by using the Office 365 button. Alternatively, use your original Bedock login and password (format: name.surname.00000 password example: RandomWord000)	Please contact Mrs Murdoch at JMurdoch@srpa.co.uk
Exampro Onscreen	Students have access to a range of examination questions to support learning and revision in science.	OSA Student (exampro.co.uk) Links have been shared by science teachers during lesson time. Centre number = 26148	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.	https://vle.srpa.co.uk/app/os Usernames and passwords have been shared with students via personal tutors.	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).	https://www.go4schools.com/ 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.	There is a 'forgotten your password?' link at the login page. Alternatively contact Go4Schools@srpa.co.uk

Resource	Details	How to access	Problem solving
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.	https://www.history.org.uk/student Centre ID = 93839 Password = History123	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.	Isaac Computer Science Use your school email address and password to access this site.	There is a 'forgotten your password?' link at the login page. Alternatively contact Mr Smith at ASmith1@srpa.co.uk
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
Lexia	A literacy based online provision designed to support reading comprehension, grammar and word study.	https://www.lexiapowerup.com/ Teacher's email = mylexia@srpa.co.uk Username = Same as school system Password = Printer Code	Please contact Mr Adlington at AAdlington@srpa.co.uk
Massolit	Massolit is an online platform which features lectures on most aspects of the GCSE and A Level Language and Literature specifications. These lectures enhance students' subject knowledge and improve understanding of context and cultural influences on texts. There are lectures available for a variety of other subjects too, such as humanities subjects and the sciences.	https://www.massolit.io/users/sign_in Choose <i>single sign in</i> on the right of the screen. Type <i>Sir Robert Pattinson Academy</i> into the box, select the school name from the drop down box, and click <i>Log In</i> .	Please contact Mrs Selwood at NSelwood@srpa.co.uk

Resource	Details	How to access	Problem solving
Mathswatch	An online platform that has videos for every element of year 7 to 9 and GCSE maths plus some for A level. Teachers will assign work for students to complete or students can search for a specific topic as part of their own revision.	https://vle.mathswatch.co.uk/vle/ Username = FirstInitialSurnameYearOfStart@SRPA e.g. for Joe Bloggs that joined SRPA in 2018 the username would be: <i>JBloggs18@SRPA</i> Password can be reset by class teacher/ Mr Roberts	For password issues please email Mr Roberts at DRoberts@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
Spellzone	Spellzone is a provision that students can use at home using the website or the APP. Spellzone allows students to identify gaps in their spelling knowledge and allows them the chance to build their confidence in spelling.	www.spellzone.com This will be provided by SLC Staff.	Please contact Mr Adlington at AAdlington@srpa.co.uk

Year 7 curriculum for term 1

Subject	Term 1 overview
English	This term in English we will study the transition novel <i>Stormbreaker</i> and explore the genre of 'Spies'. We will look at the skills required to be successful in analytical and descriptive writing and produce a written piece which links to the themes of the novel. Students will also work together in groups to design a 'spy gadget', which will help develop their Speaking and Listening skills.
Mathematics	<u>7R/Ma1-4 and 7P/Ma1-4</u> The first two weeks will be a chance for teachers and students to get to know each other with some problem-solving type activities. Following this, our initial unit focuses on strengthening students' foundational understanding of number, which will serve as a basis for all future learning throughout the academic year. Topics covered include highest common factors, lowest common multiples, identifying special types of numbers, and recognising arithmetic patterns. <u>7R/Ma5 and 7P/Ma5</u> The first two weeks will be a chance for teachers and students to get to know each other with some problem solving type activities. The first unit we then teach is all around ensuring a secure knowledge of number before we apply this for the rest of the academic year. It covers everything from number bonds to ordering, using their knowledge of place value and ensures the key skills of adding and subtracting are set in stone, applying these to worded problems.
Science	This term in science we will begin by developing our enquiry skills to allow us to plan and carry out effective practical investigations and 'think like a scientist'. We will then move on to look at two of the fundamental concepts; particles and cells.
French	This term we will be learning a range of strategies which help us to learn a language and we will be putting these into practice by learning to talk about ourselves, including greeting people, asking and giving names, ages and birthdays. We will also begin to practise French phonics in order to pronounce words correctly. We will begin to learn about the French-speaking world and its traditions.
Geography	In this term, we welcome Year 7 to SRPA and explore the question 'What is a Geographer?'. We will explore what geography is as well as learning some foundational place and location knowledge. We will explore map skills and how Geography is practised with fieldwork skills.
History	Year 7 will begin their History journey with a look at life in England in 1066 and the Norman Invasion. Students will explore what History is as a discipline, and the skills associated with it such as source work and how to investigate the past.
EFP	In Year 7 students are welcomed into the study of EFP – ethics, faith, and philosophy. We begin the year by studying 'The Island' which explores why and how people follow religious ideas. We live in an ever growing diverse, and multicultural society and this topic begins explores the reality of this. The concepts explored in this term will be further developed Year 7, providing the students with a solid foundation in EFP.
Computing	This term in computing, Year 7 students will be learning how to use and navigate around the school network. We will move on to developing students Microsoft Office skills in word processing and presentations.

Music	Throughout term one, Year 7 will undertake performing, composing and listening activities to utilise and foster an understanding of different methods of notation used in music including: graphic scores, rhythm grids and traditional Western notation. This will be delivered in a practical manner, with the aim of students learning to read, perform from and successfully transcribe using the different notation styles.
Drama	Students will begin building the foundation of their performance skills through a series of practical workshops. They will also be introduced to analysing and writing skills required going forward in drama.
Design & Technology	Term 1 will develop student confidence in planning, working with tools and materials safely. The projects will develop and wider the understanding of metals, polymers and timbers and their origin, and introduces material properties.
Food Technology	Students will be introduced to food preparation and nutrition in order to develop an understanding of health and safety/food safety. This term, students will develop awareness of foods and how they are produced, prepared and eaten in our day to day lives. Other skills to be developed will include how to use equipment safely, knife skills, evaluation skills and how to apply what we eat to the Eatwell Plate
Art	Drawing, designing, analysing and exploring media set some of the foundations of developing as an artist and creative. Through this scheme of learning students will demonstrate the level of skill they have developed during primary education based around analysing and recreating others art, observational drawing, exploring colour and media and finally applying creative thinking to design outcomes.
PE	In term 1 students will complete a baseline unit that will include lessons in football, fitness, indoor tennis, rounders and netball. Students will then, depending on their group, have lessons in two of football, badminton, basketball, fitness, netball and OAA.
Personal Development	This term students will be focusing on transitioning in to secondary school. Students will have lessons on keeping themselves safe, managing stress along with how to respond in emergency situations including some first aid training.

Year 8 curriculum for term 1

Subject	Term 1 overview
English	This term, students will learn about the genre of dystopia and will read a dystopian novel such as <i>Animal Farm</i> , <i>Lord of the Flies</i> or <i>The Maze Runner</i> . Assessments in this term will focus on creative writing and evaluation.
Mathematics	<u>8R/Ma1-4 and 8P/Ma1-4</u> This term we will be focusing on how we can represent different types of data graphically and then how we can use these to easily compare sets of data. We will then look at how we calculate different types of average, when each type is appropriate and how we can check the reliability of our averages. We will then move onto strengthening our understanding of prime numbers and how we can use these to break a number down into a product of its prime factors. This skill helps us to find the highest common factor and lowest common multiple of two or more numbers. <u>8R/Ma5 and 8P/Ma5</u> This term, we'll be focusing on building confidence and fluency with core number skills. Students will begin by revisiting number bonds and exploring how these can help make calculations more efficient. We'll then practise adding, subtracting, multiplying, and dividing whole numbers up to three or four digits, including solving worded problems to apply these skills in everyday contexts. As the term progresses, we'll move on to working with ratios—learning how to simplify them, write them from worded scenarios, and divide quantities into given parts. These topics are essential for developing a strong foundation in maths and will support students in future learning.
Science	Students in Year 8 will start the year retrieving and practising their understanding of how science work, by focusing on key skills needed for science practicals, data analysis and graph skills. Then we will begin to focus on the application of key ideas we studied last year, by beginning to look at the periodic table and the key concepts of electricity and magnetism.
Spanish	This term we will be covering the topic of school, learning to talk about subjects as well as daily school-life. We will be able to discuss our opinions and justify our opinions on subjects, teachers, and various aspects of school. We will continue our work on the use of indirect object pronouns within opinions and complex structures and will continue to work on our past, present, and future tenses as we begin to cover the imperfect and near future. 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 learning a range of strategies which help us to learn a language and we will be putting these into practice by learning to talk about ourselves, including greeting people, asking and giving names, ages and birthdays. We will also begin to practise French phonics in order to pronounce words correctly. We will begin to learn about the French speaking world and its traditions.
Geography	The start of year 8 sees our geographers exploring the question 'How is the weather dangerous?'. Students will study how extreme weathers can present dangers and consider how these dangers are addressed. As part of our study we will examine case studies both locally and from around the world, from tropical storms to tornados.
History	Year 8 will continue building on the skills learned in Year 7 and will complete a study of Britain and the British Empire. Alongside this, students will study the triangular slave trade and the impact this had on Britain both at home and internationally.

EFP	In Year 8 students examine the ultimate philosophical questions – does God exist? What happens after death? What is life? This unit explores views regarding the existence of God and examines philosophical arguments against the existence of God. The topic also allows students to reflect on how religious believers view and understand God and the reasons for this. This topic invites students to be thoughtful, reflective and develops critical thinking skills which will serve well for later topics within the year.
Computing	Year 8 students will develop their knowledge and understanding of algorithms. This unit will examine the key concepts and principles of computing. Students will be analysing problems in computational terms and planning creative solutions to problems.
Music	Students in Year 8 will perform Stand by Me by Ben E. King. They will have the opportunity to use a range of instruments to learn and master the different parts within the song as well as working on their ensemble skills to create a performance of their own version of this enduring, much covered, classic.
Drama	The first scheme in Year 8 is all about comedy, students will go through time and history to investigate and analyse the progression of our understanding of comedy. They will also build practical skills in various different styles, such as slapstick, melodrama and improvisation.
Design & Technology	Students will be set a fictional design, planning and manufacturing quality and unique products. The students' challenge will be to design and make a range of products. Students will be given materials which to cut out and shape using CAD/CAM. Pupils will also be introduced to the use of computer-aided design and computer-aided manufacture by using a laser cutter and 2D Techsoft design to draw and cut their pattern out.
Food Technology	Students will be introduced to food preparation and nutrition in order to develop an understanding of health and safety and food safety. This term, students will develop awareness of foods and how they are produced, prepared and eaten in our day to day lives. Other skills to be developed will include how to use equipment safely, knife skills, evaluation skills and how to apply what we eat to the Eatwell Plate.
Art	Accurate recording is an important skill to develop in preparation for GCSE Art. This project aims to build upon prior skills taught in Year 7. Students will develop their ability to look at a cylindrical form and record the ellipses accurately through a structured method of drawing. Andy Warhol's soup can will be the main theme, thus recapping contextual understanding from project 1. Students will learn the mono printing process and explore the need to record lettering in reverse. Students will explore the key areas for success and art specific terminology when experimenting with this process/method. Extension – students will be create a 2 colour way print.
PE	In term 1 students will, depending on their group, cover units of work in two of football, badminton, fitness, netball, OAA, and basketball.
Personal Development	This term students will be learning about the dangers of drugs and alcohol consumption. Students will learn how they can respond to peer pressure and how they can keep themselves safe with reference to county lines and everyday stimulants such as caffeine.

Year 9 curriculum for term 1

Subject	Term 1 overview
English	This term we will be starting a unit entitled Unheard Voices, which looks to explore the stories of individuals and groups who can sometimes be forgotten or ignored. The unit will start with a study of the emotive novel <i>My Name is Leon</i> .
Mathematics	<u>9R/Ma1-3 and 9P/Ma1-2</u> The start of the term focusses on indices and standard form, how we can carry out calculations with these numbers. Error intervals and bounds of calculations will also be studied. In the later part of the term, constructions is the focus. This will involve using a compass to construct different bisectors and then applying those skills to loci problems. <u>9R/Ma4 and 9P/Ma3</u> This term begins with a calculating unit that covers arithmetic skills. This will allow students to practice numeracy skills and prepare them for upcoming topics later in Year 9. The term will also include a constructions unit in which students will make use of their mathematical equipment to draw both angle and perpendicular bisectors and understand the surrounding language. This vocabulary will support them when studying loci in the same unit. The final unit of the term is calculating with standard form. This will allow students to apply their numeracy knowledge from the start of the year to multiply and divide with decimals, as well as working with index laws. <u>9R/Ma5 and 9P/Ma4</u> The term starts with one of the most important topics for understanding mathematics – ratio. How to simplify ratios and share quantities in a given ratio will be key ideas that will underpin a lot of the future learning. After ratio we look at percentages, how to find a percentage of an amount and express quantities as percentages. The final unit of the term is Prisms. As well as looking at the definition of a prism and describing 3D shapes in terms of faces, vertices and edges, we also look at calculating volume and surface area. Throughout the term, time is set aside to consolidate the numeracy skills needed to be successful in mathematics.
Science	This term will build on our understanding of cell structures and transport inside cells. In addition, we will study the particle model and begin to explain differences in density.
Spanish	This term we will be covering the topic of school, learning to talk about subjects as well as daily school-life. We will be able to discuss our opinions and justify our opinions on subjects, teachers, and various aspects of school. We will continue our work on the use of indirect object pronouns within opinions and complex structures and will continue to work on our past, present, and future tenses as we begin to cover the imperfect and near future. 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 media, learning to talk about films, tv shows and podcasts as well as books. We will be able to discuss our viewing habits and we will look at film and tv plots. We will continue our work on past, present and future tenses, and will begin to look at complex structures, as well as imperfect tense. 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 this term, we begin Year 9 to SRPA by exploring the question 'Are humans to blame for Climate Change?'. Within this enquiry we will examine what climate change means and the evidence for how this is happening. This will help us to then explore the human and natural causes of climate change. Our study will include example cases of climate change in geographical locations, and an opportunity to explore how climate change can, and is, being tackled.
History	This term, Year 9 begin their learning with a study of World War One and ask the question 'How did the decisions of a few lead to the deaths of many?'. Building on their Year 8 learning, students will consider why there was a scramble for Africa and how the building of empires led to the outbreak of war. Year 9 will consider the impact of these long term causes, as well as the short term causes, such as the assassination of Franz Ferdinand. The use of stories and historical sources will assist in learning what life was like on the front line, leading to year 9 considering why the Battle of the Somme was such a disaster.
EFP	In Year 9 this term pupils will explore the concept of pacifism. What it means to be a pacifist and just war theory. They will explore the ideas behind the causes of war and look into some specific wars. They will debate concepts and develop their learning through case studies and exploring the history behind pacifism and World War 2.
Computing	During this term, Year 9 students will focus on digital media such as images and sounds and discover the binary digits that lie beneath these types of media. They will draw on familiar examples of composing images out of individual elements, mixing elementary colours to produce new ones, and taking samples of analogue signals, to illustrate these ideas and bring them together in a coherent narrative.
Music	Year 9 will be creating the soundtrack to a given movie trailer. They will be responsible for all audio aspects of the trailer including the music, sound effects and voice-over. Their finished trailer will aim to retain the feel of the original whilst allowing scope for creativity and originality.
Drama	Students will be introduced to a variety of different theatre styles and practitioners; they will then use this knowledge to develop theatre that is either devised or scripted.
Design & Technology	In term 1 students will be introduced to mechanical motions and movements to enable them to understand how energy can be transferred before manufacturing a mechanical litter picker.
Food Technology	Students will be introduced to food preparation and nutrition in order to develop an understanding of health and safety/food safety. This term, students will develop awareness of foods and how they are produced, prepared and eaten in our day-to-day lives. Other skills to be developed will include how to use equipment safely, knife skills, evaluation skills and how to apply what we eat to the Eatwell Plate.
Art	The basis of art relies on an ability to explore varied media using a multitude of techniques. Through studying different media influenced by different food and drink artists, students can expand their art and media knowledge whilst developing techniques in a topic that is relatable, stimulating and relevant to the consistently adapting world. Students can complete work from their own resources and lessons are adaptable to suit all of the student's needs.
PE	In term 1 students will, depending on their group, cover units of work in two of football, badminton, gymnastics, fitness, netball, rugby and basketball.
Personal Development	This term students will be focusing on health and wellbeing and will be looking at friendship as well as the dangers of gangs, substance misuse and unhealthy relationships. This term will build upon knowledge gained in Year 8 personal development.

Year 10 curriculum for term 1

Subject	Term 1 overview
English	In English Language this term, we will begin to understand the requirements of AQA Language Paper 1 which focuses on unseen fiction extracts and descriptive / narrative writing. In English Literature, we will begin to explore the Edexcel specification through conflict poetry in our <i>Anthology</i>, alongside our study of a 19th century prose text (either <i>The Strange Case of Dr Jekyll and Mr Hyde</i> or <i>A Christmas Carol</i>).
Mathematics	<u>10R/Ma1 and 10P/Ma1</u> This term begins with an investigation of shape, starting with recapping Pythagoras' theorem before moving on to right angle trigonometry in increasingly complex circumstances. This will be an opportunity to develop understanding of shape as well as improve problem solving skills. We will then deepen our knowledge of number- what is an irrational number, how these relate to surds and indices before looking at error intervals and bounds calculations. We finish off the term by revisiting simultaneous equations- looking at alternative methods to elimination that will have wider uses later in the GCSE course. We will also look at how we can solve equations using iterative methods when an equation cannot be solved using algebraic methods. <u>10R/Ma2 and 10P/Ma2</u> This term begins with arithmetic unit, so that students are fluent in numeracy skills and can use formal methods at the start of their GCSE study. This is all about ensuring a secure knowledge of number before we apply this for the rest of the academic year. This includes exposing our students to GCSE mark schemes so they can see what they should write to achieve method marks. The unit begins with the four operations with both integers, negative numbers, and decimals, applying them in problems like bank statements. We ensure students always consider the order of operations in their working. The next unit focuses on geometry and covers the area and perimeter of 2D shapes, including circles, sectors, and arcs. We then move on to rounding and estimation, learning how to round to decimal places and significant figures and then utilising these skills in context. Finally, we consider the factors of numbers and apply our understanding of common factors to factorise and expand single and double brackets in algebra. <u>10R/Ma3+4 and 10P/Ma3</u> The new term starts with our non-calculator arithmetic unit, so that students are fluent in numeracy skills at the start of their GCSE. This is all about ensuring a secure knowledge of number before we apply this for the rest of the academic year. This includes exposing our students to GCSE mark schemes so they can see what they need to be writing in order to achieve method marks. The unit begins with the four operations with both integers and decimals, applying them in contexts to problems like bank statements. We then move on to looking at negative numbers, applying these, along with integers to order of operation style questions. The next unit focuses on geometry and covers area and perimeter of 2D shapes, and finally we move onto extending the number skills into rounding and estimation, learning how to round to decimal places and significant figures and then utilising these skills in context. <u>10R/Ma4 and 10P/Ma4</u> The first unit we then teach is all around ensuring a secure knowledge of number before we apply this for the rest of the academic year. This includes exposing our students to GCSE mark schemes so they can see what they need to be writing in order to achieve method marks. The unit begins with the four operations with both integers and decimals, applying them in contexts to problems like bank statements. We then move on to looking at negative numbers, applying these, along with integers to order of operation style questions. The next unit focuses on geometry and covers area and perimeter of 2D shapes, with the exception of circles which is covered later in the year.

Science	Separate Science: This term we will be building upon the key ideas that we studied in Year 9. In biology, we will focus on cell division and digestion, in chemistry we will focus on the periodic table before developing our knowledge of structure and bonding, and in physics our focus will be energy and electricity. Combined Science: This term we will be building upon the key ideas that we studied in Year 9 and completing the first unit of the course which is “building blocks”, we will apply our knowledge of cells and states of matter.
Media	This term, we will encounter the key concepts underpinning the study of our Close Study Products of Media Language, Media Representation, Media Audiences and Media Industries. As we learn new terms, theories and concepts we will explore the Magazine CSPs, applying our new knowledge.
Business Studies (GCSE)	This term in business studies, students will be covering the first topic of the specification ‘Enterprise and Entrepreneurship’. As part of this topic, students will specifically focus on the following concepts; dynamic nature of businesses, risk and reward and the role of business enterprise.
Business Studies (BTEC)	This term, students will be starting Component 1: Exploring Enterprises which will be assessed by an externally set NEA in the spring term. Term 1 content includes Size and features of SMEs, Business sectors and models, aims and objectives of enterprises as well as skills and characteristics of entrepreneurs.
Computer Science	During term 1, students will be developing their knowledge of programming concepts. Alongside this they will be investigating the systems architecture of a computer.
Drama	Students will begin their BTEC course through small investigations into different styles of performance and roles within the industry. They will build practical and theoretical skills in a baseline assessment that will allow them to build their confidence, teamwork and understanding of the subject at a higher level.
Music	Students will be introduced to the different components within the GCSE syllabus. Performing and composing opportunities will allow students to become more confident in these disciplines and we will start area of study 1 from components 3 – musical forms and devices.
Health & Social Care	This term pupils will be looking at the importance of health and social care and learning about different services. They will look at careers in Health and the importance of pharmacists as well as looking at a variety of medical conditions and what services people use to treat them.
Geography	Students in year 10 are starting their GCSE course. We have started the challenges of natural hazard topic. We start off with what are natural hazards, before progressing onto tectonic hazards, climatic hazards and then climate change.
History	Year 10 are beginning their GCSE journey by studying their first topic: Medicine in Britain, c1250-Present. Our GCSE course follows the Edexcel exam board, with four topics being studied: Medicine, Germany, Cold War and Elizabethan England. The first topic of medicine will take students on a journey from the Middle Ages to the present day as they consider how the beliefs about the cause of illness, as well as methods of prevention and treatments changed. There will be regular revision opportunities set as homework to ensure that Year 10 are consolidating their knowledge from the beginning.
Religious Studies	In GCSE Religious Studies, students begin exploring the Nature of God in Christianity, discovering how Christians understand and relate to God. This topic leads on to the ‘Problem of Evil’ where students tackle philosophical problems regarding the existence an all-powerful and all-loving God. Christian practices and teachings will follow for the rest of the term.
Sociology	This term we are focusing on an introduction of sociology by exploring key terms and theories associated with sociological research. Students will learn the basics of Marxism, functionalism and feminism. In addition, students will learn to evaluate the idea of social norms and values.
Psychology	This term, we will be focusing on the introductory topics of memory and research methods. This will include looking at the types and structure of memory, ways of improving memory and the key mathematical content of the course. All lessons are available via Frog/Subject Sites/Psychology/Memory.

French	This term we will be covering the topics of family and relationships which forms part of the GCSE Theme 1. We will be focussing on deepening our knowledge of adjectival use as well as consolidating our knowledge of the main three tenses. We will also begin to look at some complex structures. During term one 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 covering the topics of family and relationships which forms part of the GCSE Theme 1. We will be focussing on deepening our knowledge of adjectival use as well as consolidating our knowledge of present tense verbs. We will also begin to look at some complex structures. During term one we will ensure that our knowledge of key phonics is embedded and we will further our knowledge of Hispanic culture.
Core PE	In term one students will participate in a range of activities; this will vary depending on their group. However, activities covered will include badminton, basketball, fitness, football and table tennis.
GCSE PE	In term one GCSE PE students will complete work from unit one. This includes health and wellbeing; lifestyle; body types; and diet and nutrition. In their practical lessons students will have the opportunity to develop their performance in badminton.
Engineering Design	Students will be introduced to the Level 1/2 OCR Engineering qualification. They will start their course by developing a range of methods to communicate their ideas, including sketching, annotating and using CAD.
Art	Students will be introduced to the new course and will be quickly exposed to a new range of media to develop their understanding of how different artists work.
Photography	Students will be shown how to develop their understanding of taking photographs, using a range of photography equipment and post-image production software.
Design & Technology	Student will quickly get their hands on materials to further develop their material and practical skills. Students will be laminating timbers to make a chair.
Hospitality and Catering	Students will be introduced to a range of new practical skills in the kitchen and start to learn the legislation associated with health and safety in the catering and hospitality industry.
Personal Development	This term will focus on mental health and how students can successfully transition into Year 10. Students will be analysing the stigma of mental health as well as looking at how they can look after their own mental health along with how they can support those suffering from mental illness.

Year 11 curriculum for term 1

Subject	Term 1 overview
English	In English Language this term, we will revise the work completed on AQA Language Paper 2 (non-fiction) from Y10 Terms 3 and 4. In English Literature for Edexcel, we will begin to explore the final set texts – the modern play or novel (either <i>An Inspector Calls</i>, <i>Blood Brothers</i> or <i>Woman in Black</i>). We will also develop our study of Unseen Poetry, otherwise the final element of the literature exam.
Mathematics	<u>11R/Ma1 and 11P/Ma1</u> We begin the term by extending existing geometry knowledge to include some complex trigonometry, such as sine rule, cosine rule and 3D problems. We then move onto quadratic sequences and how we can find the nth term for these more complex patterns. Next, we will study functions, learning how the notation works as well as deriving inverse and composite functions. The final topic of term 1 is based on statistics and probability, introducing the product rule for counting and Venn diagrams with set notation. Pupils will then apply this knowledge to solve probability problems. Throughout the term the students will also have chance to work through some practice papers – the examination series for this half term is November 2023. <u>11R/Ma2</u> We will begin our journey into higher tier content by looking at what an irrational number is and how these relate to surds and indices. We will look at how we can use our knowledge of indices when the power is negative or fractional- what this means and how we can evaluate numbers in these contexts. We will then deep dive into surds, learning how to simplify, multiply and “rationalise a denominator” at a basic level and then at a high GCSE/ A level standard. We will then develop our understanding of proportion- moving beyond spotting patterns and scalars to being able to define a proportion problem algebraically and with powers and roots. We finish the term by looking at how we can represent data that is continuous and grouped by making use of cumulative frequency diagrams, box plots and histograms. <u>11R/Ma3, 11P/Ma2 and 11P/Ma3</u> We are starting the year off with 3 Geometry topics. We begin by looking at the 4 transformations of shapes – translation, reflection, rotation and enlargement. We will be asking students to both perform and describe the transformations. After this our next unit is on measures. This covers everything from converting units (including time), to all 3 compound measures (speed/distance/time, density/mass/volume, pressure/force/area). The final unit before October half term is on trigonometry, focusing on finding both sides and angles, and applying this in context. Throughout the term the students will also have chance to work through some practice papers – the examination series for this half term is November 2023. <u>11R4, P4</u> We are starting the year off with 3 Geometry topics. We begin by looking at the 4 transformations of shapes – translation, reflection, rotation and enlargement. We will be asking students to both perform and describe the transformations. After this we will move on to looking at Pythagoras’ Theorem – answering questions based on finding the longest side of a triangle (the Hypotenuse) or one of the short sides. After this our last unit before October half term is on measures. This covers everything from converting units (including time), to all 3 compound measures (speed/distance/time, density/mass/volume, pressure/force/area). Throughout the term the students will also have chance to work through some practice papers – the examination series for this half term is November 2023.
Science	Separate Science: This term we will be building upon the key ideas that we studied in Year 10. In biology, we will focus on homeostasis and response and begin organic chemistry calculations. Combined Science: This year we will be learning ‘physical sciences’ in preparation for paper 3 and 4. These topics will begin with the Periodic table in chemistry and forces and energy in physics.

Media	This term we will be continuing to work on the NEA element of the course with students developing their own media product. We will also be continuing to develop exam knowledge and skills by exploring media language and representation usage in advertising and marketing CSPs as well as in a variety of print media products in preparation for the unseen element of media paper one.
Business Studies	This term in business studies, students will be focusing on content for paper 2 starting with growing the business section. As part of this topic, students will specifically focus on the following concepts; business growth internal and external, types of ownership, sources of finance, changes in business objectives, globalisation and barriers to trade and ethics and environment.
Computer Science	Term 1 will focus on the following areas of work: • 2.2 – programming fundamentals, • 2.3 – producing robust programs • 2.5 – programming languages and integrated development environments • the application of this knowledge into examinations
Drama	Year 11 students are completing Component 2, which is the study of Willy Russel's Blood Brothers. Students are aiming towards their examination performance near Christmas so will be spending time this term investigating the play and characters. They will work their way through different scenes to understand the plot and motivations so they can be better informed for their performances.
Geography	This term we are finishing off the physical geography course with river landscapes in the UK. Then we will be starting the human geography half of the course with our first topic urban issues and challenges, with this topic we explore urbanisation and focus on Sheffield and Lagos in Nigeria.
History	Year 11 continue their GCSE journey, having completed two topics in Year 10: Medicine, Germany and begun learning about the Cold War. They will continue to study their penultimate topic: Superpower Relations and the Cold War, 1941-91. This topic considers the impact of the Second World War on Europe and the wider world, and the relationship between the USA and the USSR. Students will also look in detail at the division of Germany, particularly Berlin. There will be focused revision throughout the entire year which will be communicated with Year 11 each week in lessons, as well as revision and intervention sessions led by the department.
Religious Studies	Year 11 will move on to Christian teachings and practices, beginning with the 'Nature of God'. Students will reflect on how Christians understand and relate to God. This topic leads on to the 'Problem of Evil' where students tackle philosophical problems regarding the existence an all-powerful and all-loving God. Exam skills and questions will be embedded throughout, developing, and strengthening their written skills in GCSE Religious Studies.
Sociology	This term students will begin the crime and deviance module. This unit involves looking at the causes of crime in society as well as building upon knowledge gained in Year 10 to help apply sociological theories to the study of crime in society.
Psychology	This term, we will be focusing on the topic of social influence and will look at obedience and conformity and minority influence. We will also be practising exam style questions on previous topics in order to prepare for mock examinations. All lessons are available via Frog/Subject Sites/Psychology/KS4/Social Influence
French	This term we will be covering the topic of holidays, including being able to describe our ideal holidays as well as discovering the French island of Corsica. We will learn about various festivals held in Francophone countries and will be able to hold conversations required for booking holidays. We will continue our work on a variety of tenses and complex structures, and will begin to look at the passive voice, 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.
Spanish	This term we will be covering the topic of school, including being able to describe our ideal school as well as discovering what school is like in Spain. We will continue our work on a variety of tenses and complex structures, and will begin to look at the conditional tense, 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	In term one students will participate in a range of activities, this will vary depending on their group. However, activities covered will include badminton, basketball, fitness, football and table tennis.

GCSE PE	In term one students will complete work on unit four. This includes levers, planes and axis, and movement analysis. Once this is completed students will continue to work on their analysis and evaluation written controlled assessment. In their practical lessons students will have the opportunity to develop their performance in badminton, table tennis and handball.
Engineering Design	Students will continue to work on Unit 2 – planning and manufacturing junior hacksaw design brief, focusing on the correct use machines and the manufacturing / shaping of metals and related processes. Students will also be required to work independently and with precision throughout. An overview of their work and how decisions are made when considering each stage of the project will be required.
Art	Students will continue their NEA (coursework) unit. Individuals will be able 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.
Photography	Students will continue their NEA (coursework) unit. Individuals will be able 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.
Design & Technology	Students use a range of skill learnt though the scheme of learning Year 7-11 to produce an independent iterative design work. The evidence produced in Unit 2 is worth 50% of the final grade and situation problems are set by AQA. Students this term will work to develop their final idea in preparation to plan and manufacture their chosen design.
Hospitality and Catering	Students will be completing their NEA 1 (15% of final grade) scientific study by evaluating and concluding their findings of the effects of gluten in pastry. Students will then continue to develop their high-level preparation, cooking and presentation techniques and understanding the science and nutrition involved in creating well-balanced dishes and diets. This will then support their NEA 2 (35% of final grade) designing and developing a new dish.
Personal Development	This term students will be looking at building for the future as well as how they can manage the challenges they may face in Year 11. Students will be looking at how they can make informed choices for the future as well as how they can ensure they take advantage of the opportunities available to them.