

Curriculum Information for Parents and Carers



PEMBROKE
A PRIORY ACADEMY

Year 7-11

Module 1

Year 7

English	World War One Fiction Students will begin their English journey at Pembroke by reading <i>Private Peaceful</i>, by Michael Morpurgo. They will study heroes and villains and develop their ability to explore characters and use quotations to support their ideas.
Maths	1. Place Value 2. Four operations 3. Averages and Range
Science	Matter and Organisms Students explore the particle model to explain the properties of solids, liquids and gases, and how particles behave during changes of state. They learn how mixtures are formed and investigate different techniques used to separate substances, including filtration, evaporation, crystallisation and distillation. Students also study movement in living organisms, investigating how the skeleton, muscles and joints work together to support the body and enable movement.
Geography	What are the integral skills and knowledge, which underpin Geography as a subject? Students arrive from a large number of local primary schools having varied experiences of Geographical education. This unit seeks to teach and reinforce core geographical skills and locational knowledge. They will recap their knowledge of the continents and oceans as well as consolidating basic map skills including 4 and 6 figure grid reference, scale, distance and how to read height on a map.
History	How did people become 'English'? In this module, students will be introduced to history at secondary school. We begin by looking at the history of the British Isles and consider the impact on Britain of various groups: Celts; Romans; Anglo-Saxons; Vikings. Students will be able to explain which of these groups, in their opinion, had the greatest impact on England and Britain. <i>Students will also complete a baseline test to assess their foundational knowledge.</i>
MfL	Topic: Mi vida (My life). Students will learn greetings, personality traits, colours, siblings, pets and age, including numbers.

PE	Netball and Badminton
Art	Colour & Cacti The intent of this scheme of work is to provide Key Stage 3 students with a comprehensive understanding of drawing, colouring, and painting techniques through the exploration of cacti as a subject matter. The lessons are designed to develop students' observational skills, understanding of colour theory, mark-making abilities, and tonal rendering techniques. By focusing on a specific theme (cacti), students can deeply engage with the subject matter, enabling them to explore creativity, improve their technical skills, and build confidence in their artistic abilities.
Drama	An introduction to Drama Students will be introduced to a range of theatre / performance techniques, focusing on how to create a believable character that is different from themselves. <i>Students will be using their transition book 'Escape Room'.</i>
Music	Elements of Music Students will spend this module exploring the fundamental skills required when creating a piece of music. We will explore a range of musical terms and apply this knowledge when exploring musical pieces.
RS	Why are worldviews important to understand our experiences. This unit introduces all students to Personal and Organised worldviews. They are able to learn, analyse and discuss their own worldviews and others whilst looking at the wider world around them. Homework will be completed through a Microsoft forms quiz on the SIMS App.
Computing	Topic – Computing at Pembroke: Getting started This unit allows students to become familiar with handling their user accounts on the school network. It also allows for discussion of appropriate use of the school network, and to update and remind learners of important online safety issues. Students will also learn how to use email software effectively.

Technology	Textile Phone Stand The aim of this project is for students to design and make a functional and attractive phone stand using textiles. They will learn how to safely use a sewing machine, develop practical skills in measuring, cutting, and stitching, and explore how design choices affect both function and appearance. By the end, students will create a personalised product that showcases creativity and practical skill.
Personal Development	Students will complete lessons around the transition to secondary school with a focus on building resilience, mental health and the impact of exercise and sleep on our health. Students will also complete lessons on self-esteem and wellbeing.

Year 8

English	Students will be exploring the genre of dystopian literature through analysing extracts from some of the most famous dystopian novels from the 20th century, from Young Adult to literary fiction. They will learn about power, conflict, oppression and how writers craft a word fundamentally 'gone wrong'. Homework: Bedrock
Maths	1. Ratio 2. Proportion and scale 3. Algebraic manipulation
Science	Forces, Organisms and Matter Students investigate contact forces and pressure, exploring how forces affect movement and behaviour in everyday situations. They study the human respiratory and digestive systems, learning how the body obtains oxygen and nutrients for growth and energy. Students also begin to develop their understanding of the periodic table and how scientists use the table to classify and predict the behaviour of substances.
Geography	How and why are urban landscapes around the world changing and what impact is this having on the planet? The unit allows students to start unpicking the human geography of the globe by exploring where cities are located, why they are located there and how is this going to change in the future. It looks at the interaction between human geography and physical geography and the impact humans are having on the planet.
History	How did Britain's monarchy change between 1601 and 1714? Students will study the economic and political causes of the English Civil War. Students will explain concepts such as 'divine right' as well as provide a judgement on how the war affected England. Students will demonstrate their knowledge by analysing key figures, such as Oliver Cromwell, as well as by making a judgement on how the Stuart period changed the way Britain was ruled and governed.
MfL	Topic: Holidays. Students will learn the past tense to talk about what they did during their last holiday. They will learn transport, holiday activities and opinions to describe them.

PE	Across three groups on rotation: Fitness, badminton, netball
Art	Day of the Dead – Celebrating Life Through Art Students will explore the rich traditions of the Mexican holiday <i>Día de los Muertos</i> (Day of the Dead). Through drawing and sculpture, they will investigate how colour, symbolism, and storytelling are used to honour loved ones and celebrate life.
Drama	Developing character skills Students will revisit the fundamental requirements for creating a convincing and believable character. The unit will end with students creating a performance of the Dumb Waiter.
Music	Programme Music Students will be introduced to online musical software programmes and begin to create their own pieces of programme music
RS	Why does Context matter? In this unit students will develop their understanding of Worldviews through an in-depth analysis of Jesus. Students will each lesson look at Jesus through a different personal lens and be able to understand how worldviews affect peoples' understanding. Homework will be completed through a Microsoft forms quiz on the SIMS App.
Computing	Topic – Computing Systems: Students take a tour through the different layers of computing systems: from programs and the operating system, to the physical components that store and execute these programs, to the fundamental binary building blocks that these components consist of. The aim is to provide an overview of how computing systems operate, as well as cover other interesting contemporary topics: Artificial Intelligence and free open-source software.
Technology	Students will be on a rotation of one of three subjects in Y8: This module will either be: Food: Around the world in fakeaways: students will learn about Food miles, Food provenance, Fair trade, and different cultures and religions

	D&T Textiles: Pencil case project: Students will learn about sustainability, materials and new methods of manufacture including Sublimation printing. D&T Timbers: Box project: Students will learn about CAD/CAM and workshop manufacturing processes and techniques.
Personal Development	Students will complete lessons on the topic of health and wellbeing. With a specific focus on the impact of a positive mindset, identity, physical health and the impact of drugs and alcohol on health.

Year 9

English	Students will be exploring the genre of gothic literature through analysing Susan Hill's 'The Woman in Black'. They will learn about a variety of themes such as the supernatural, conflict and relationships. Students will further their study of the genre conventions through an exploration of gothic poetry. Homework: Bedrock
Maths	1. Properties of number 2. Percentages 3. Area and volume
Science	Students explore cells as the fundamental building blocks of life. They learn about the structure and function of plant, animal and bacterial cells, use microscopes to observe cells, and investigate how substances move by diffusion, osmosis and active transport. Students also study cell division, genes, chromosomes and stem cells, considering their role in growth, repair and modern medicine. Practical investigations help develop scientific skills in observation, analysis, evaluation and the interpretation of evidence.
Geography	How does the physical and human geography of a country affect its development? This unit seeks to explore different countries and continents through their physical and human geography. Based on the book 'Prisoners of Geography' by Tim Marshall, it explains how the history, present and future of countries are shaped by their geography.
History	How did the Holocaust happen? Building on the consequences of the First World War that students studied in the summer of Year 8, this module begins with a considered assessment of why fascism grew in Italy and then Germany in the 1920s and 1930s. Then, using a variety of historical sources and interpretations, students will develop knowledge and show an understanding of why and how the Holocaust happened alongside the Second World War. This module finishes with an evaluation of the consequences of the Second World War for the world as well as a resonant look at the lives of Jewish people since the Holocaust ended.
MfL	Topic: hobbies. Students will learn a variety of topics including films, activities they like doing and things they usually do.

PE	Across three groups on rotation: Fitness, badminton, netball
Art	Food Glorious Food Students will explore an engaging art and design experience that integrates artistic techniques, critical analysis, and practical design skills. This project is designed to build a foundation for GCSE Art and Design by fostering creativity, technical proficiency, and critical thinking. Through the exploration of food as a theme, students will gain insights into still life, commercial art, and packaging design, all of which are crucial elements of contemporary visual culture.
Drama	Devising Theatre Students will be introduced to the process of devising. We will explore a range of given stimuli, before applying gathered performance knowledge into a full performance.
Music	Ukulele Performance Skills Students will use the knowledge they have developed over the course of key stage three and apply it to performing with a Ukulele. Performances will be individual as well as ensemble.
RS	Does religion still impact society today? This unit allows students to reflect on modern day British society. Analysing how organised worldviews (religions) are still major influences, but also how that has changed throughout history. Specific focus is on attitudes towards others and UK law. Homework will be completed through a Microsoft forms quiz on the SIMS App.
Computing	Topic - Data Representation (From Clay to Silicon) This unit teaches essential knowledge relating to binary representations. The activities gradually introduce learners to binary digits and how they can be used to represent text and numbers on a computer system. This will then lead seamlessly into understanding that binary digits are also used to represent images and sound. Computer systems only understand binary numbers. There will also be a short end of unit FORMS Quiz to assess knowledge and understanding of this topic.

Technology	Students will be on a rotation of one of three subjects in Y9: This module will either be: Food: based on the course offered at Y10 “The sunflower cafe project” menu planning around a scenario. Students will learn about different factors affecting food choice, as well as different kitchen roles: Sous chef and Commis Chef. D&T Timber: Lamp project: based on the GCSE: problem solving a context and developing a product to suite a client. Working within limits such as cost, audience, and sustainability, they design and make a product mainly from timber and recycled materials. Students will learn about sustainability, materials and new tools and equipment. D&T Textiles: Travel game: based on the GCSE: problem solving a context and developing a product to suite a client. The focus is on combining creative design with practical textile skills and modern printing techniques. Students will learn about textile techniques and processes, materials, new tools and equipment.
Personal Development	Students will complete lessons on the topic of safety and independence. These will include, self regulation, complex emotions, drug related emergencies, safety in public, body image and staying safe from criminal exploitation.

Year 10

English	Students will be studying J.B Priestley's 'An Inspector Calls'. This 20th century morality play will expose students to political and economic structures and engage them with themes of social responsibility, the effects of the choices we make and generational shifts in thinking. Homework: Bedrock
Maths	1. Algebraic manipulation 2. Equations, inequalities and formulae 3. Quadratic equations and expressions
Science	Biology - Bioenergetics Students investigate how plants and animals transfer and use energy. They study photosynthesis, respiration and metabolism, exploring how environmental factors affect these processes and why they are essential for growth, activity and survival. Chemistry - Quantitative Chemistry Students develop mathematical skills by calculating relative formula masses, reacting masses and concentrations. They learn how chemical equations represent reactions and use quantitative data to predict and explain chemical changes. Physics - The Particle Model Students use the particle model to explain the properties of solids, liquids and gases. They investigate changes of state, density, internal energy and gas pressure, linking particle behaviour to real-world phenomena and practical applications. Separate Science Students studying Separate Science explore greater depth and complexity. In Bioenergetics, they investigate limiting factors in photosynthesis in more detail. In Quantitative Chemistry, they carry out more advanced mole calculations, including gas volumes and concentrations. In The Particle Model, they study gas pressure relationships quantitatively and investigate changes in pressure and volume using mathematical models and calculations.
Geography	The Living World Students will continue their studies of GCSE Geography by exploring the living world. They will finish their in depth look at tropical rainforest and begin to look at hot deserts. They will explore the climate, biodiversity, opportunities for economic development and challenges that developing in the desert brings. They will focus on a case study of the Thar Desert in India.

History	AQA GCSE History: America, 1920-1973 Students will begin Year 10 by explaining the significance of the Wall Street Crash in 1929 on the American economy. Students will move on to look at how President FDR attempted to solve America's problems with his 'New Deal' and make a judgement on its success. Students will compare historical interpretations of American history and explain the ways in which the lives of Americans changed after the Second World War.
MfL	Topic: Media & Technology. Students will learn about life online, sports and free-time activities. Grammar: present and preterite tenses, irregular present tense verbs, near future tense.
PE	Badminton and football
Sports Studies	Component 1 NEA delivery: Learning Aim A: Types and provision of sport and physical activity for different people
Art	Tools and Textures Students will be introduced to GCSE Art and Design and create a mini-investigative study, inspired by tools, and explore a range of materials e.g charcoal, ink, collage etc, to develop their observational drawing skills.
Photography	Technical File Students will explore photographic techniques to build a technical understanding of composition, form, lighting, shutter speed, aperture and an introduction to Adobe Photoshop techniques.
Technology	Section 1: New and Emerging Technology Students will learn about how new and emerging technologies has impacted design in the workplace and the home. The impact of resource consumption on the planet. How job roles are changing based on technology changes. What technology push and market pull affects the development of new products.
Hospitality and Catering	Unit 1.1 Students will learn about Hospitality and catering provision: This includes commercial and non-commercial provisions, both residential and non- residential, types of food service, and guest services as well as hotel, guest

	house and restaurant standards, front of house and back of house hierarchy, employment controls and working conditions. Wjec Level 1 / 2 Hospitality and Catering
Drama	Influential Theatre Practitioners Students will be introduced to a range of theatre practitioners / performance styles. Students will then apply this gathered knowledge into a mini devised performance at the end of the unit. Students must keep a record of different styles and techniques as they move through the unit.
Music	Musical forms and devices Students will be introduced to the GCSE course. We will focus on the key skills needed, whilst developing our performance and ensemble ability.
Computer Science	Topic: Getting ready, organised & started on GCSE Computer Science Course Topic: Section 1: The Fundamentals of Algorithms (Abstraction, Decomposition, Computational Thinking; Flowcharts; Pseudocode; Linear & Binary Searching Algorithms; Bubble Sort & Merge Sort Algorithms) Exam specification: AQA GCSE Computer Science (8525)
Citizenship	Life in Modern Britain Students will learn about the makeup of Britain and how this has changed over the years and the impact of migration and multiculturalism. We will also carry out an in-depth study of the British Values and how they apply to modern Britain.
Media Studies	Print Advertisements: Students in Media Studies will be studying the print advertisements for <i>Quality Street</i> and <i>NHS 111</i>. Building on the theoretical framework introduced at the end of Year 9, students will analyse both historical and contemporary media texts

	using contextual knowledge of the time in which they were produced. This develops the analytical skills they have been building in English since Year 7. Throughout the unit, students will deepen their understanding of media conventions and learn how to decode the messages and meanings embedded within media texts. They will also develop the skills needed to write analytical responses about these set texts, using appropriate subject-specific terminology and evidence to support their ideas.
Psychology	Topic: Research Methods Students will discover how to conduct a research project. They will cover how to create a hypothesis, types of variables, types of research methods, sampling methods, and develop their knowledge of ethics. Students will then go on to compare the pros and cons of different research procedures.
Business Studies	Unit 1- Business in the real world We study unit 1- Business in the real world in both module 1 and 2. We study this topic first because it provides the essential foundation on which all later Business content is built. Delivering it over two modules, as a larger unit allows students to develop a secure understanding of the main concepts that underpin the course. This extended approach gives students time to explore key ideas in depth, make more meaningful connections to existing and new knowledge and begin to see business activity through a real-life lens. During module 1, students are introduced to the purpose and nature of business, types of business ownership, how businesses set aims and objectives and stakeholders.
Personal Development	Students will complete lessons on the topic of mental health including coping strategies, positive health choices and improving mental health.

Year 11

English	Students will start their study of their final Literature text: Macbeth by Shakespeare. In this, they will examine Shakespeare's language, themes and characters. Once completed, they will embark on revision of all the Literature and Language content they have learnt since Y10. Homework: Bedrock
Maths	1. Expanding and factorising 2. Using graphs 3. Changing the subject
Science	Ecology Students explore how living organisms interact with each other and their environment, studying ecosystems, food chains, biodiversity and the cycling of materials. They investigate the impact of human activity on natural systems and consider ways to protect habitats and maintain biodiversity. Chemical Analysis Students also develop practical analytical skills in chemistry, learning how to identify substances, test for specific gases, and use chromatography and other techniques to assess the composition, purity and quality of materials.
Biology	Ecology Students explore how organisms interact with each other and their environment. They study ecosystems, biodiversity, food chains and webs, nutrient cycling, and the impact of human activities on the natural world. Students also investigate methods of maintaining biodiversity and consider how ecological knowledge supports conservation and sustainability.
Chemistry	Chemical Analysis Students learn how chemists identify substances and monitor chemical reactions. They study pure substances and formulations, chromatography, gas tests, flame tests and instrumental methods of analysis. Practical work develops analytical skills, while students explore how scientists use evidence to determine the composition and purity of materials.
Physics	Waves Students study the properties and behaviour of waves, including reflection, refraction and wave interactions. They investigate electromagnetic waves and their applications in communication, medicine and technology. Students also explore sound waves, seismic waves and the uses and risks associated with different parts of the electromagnetic spectrum.

Geography	The Living World The students will start their next physical topic. They will begin to understand the difference between ecosystems and biomes and where they are located in the world. They will then focus on a small-scale ecosystem in a forest before moving on to look at the tropical rainforest in depth . Student will then focus on hot desert by looking at their climate, biodiversity and the opportunities and challenges with economic development within the environment.
History	AQA GCSE History: Health and the People c.1000 to the Present Day Students will be competing in this module their thematic study of people’s health in Britain, with a focus on the period following the Industrial Revolution and into the twentieth century. In this unit students consider changes to: • Knowledge of disease • Knowledge of the human anatomy • Public health in Britain • Surgery and treatments Students will be evaluating the role of key individuals as well as other factors, such as war, in enabling progression in the above thematic areas. Students will also assess the utility of historical sources using their developing knowledge.
MfL	Topic: My neighbourhood. Students will learn to describe cities using the perfect tense. They will learn to give preferences about where they live, making comparisons and describing their area and how it’s changed. They will also learn to describe shopping preferences. Grammar: Perfect and imperfect tenses, irregular preterite verbs, prepositions, direct object pronouns, demonstrative adjectives.
PE	Badminton and football
Sports Studies	Component 2 NEA delivery: Taking Part and Improving Other Participants' Sporting Performance. Students will continue to perform in their chosen sports during practical lessons, and will begin to develop skill drill sessions to deliver as part of their coaching task. Students will also learn about the different components of fitness, and how these are effectively applied to different sports. Students will begin their write-ups of written tasks, ready for submission on December 15th.
Art	NEA Sustained Project

	Students will respond to a theme they have chosen evidencing the journey from initial engagement with artist research, to the realisation of intentions. This will give students the opportunity to demonstrate, through an extended creative response, their ability to draw together different areas of artistic knowledge, skills and understanding via experimentation and reflective practice.
Photography	NEA Sustained Project Students will respond to a theme they have chosen evidencing the journey from initial engagement with artist research, to the realisation of intentions. This will give students the opportunity to demonstrate, through an extended creative response, their ability to draw together different areas of photographic knowledge, skills and understanding via experimentation and reflective practice.
Technology	Non-Exam Assessment (NEA): Section C: Generating Design Ideas: Students will be continuing to complete their chosen coursework challenge started in module 6 last year. Students begin sketching out their initial design ideas for their prototype based upon the theme they chose in June. This stage focuses on: • Using sketches, CAD, and models to communicate ideas. • Showing how designs meet the user's needs, specification, and sustainability considerations. • Suggesting and justifying possible materials and techniques. The aim is to demonstrate creative thinking, problem-solving, and innovation through their design ideas. Exam specification: AQA Design and Technology
Hospitality and Catering	Unit 2. Students will learn about Hospitality and catering in action: this includes: Menu planning, cooking, presentation and skills and techniques: in readiness for their NEA beginning after October half term. Students have been issued with a Plan for September-February including their coursework element. Wjec Level 1 / 2 Hospitality and Catering
Drama	Live Theatre Evaluation Students will be introduced to the process of Live Theatre Evaluation. <i>Students will study a piece of theatre in depth and explore how to respond to an exam style question.</i>
Music	Revision

	Students will begin to compile their gathered knowledge together in preparation for the end of year assessment. Students will identify where their personal gaps are and use this to aid in the revision outside of the classroom.
RS	GCSE: How do Christians showcase their beliefs in their practices? Students are continuing their study of Christianity and now applying their beliefs to practices. Students will look at church and prayer, but also how Christians support the local and worldwide community. Homework will be a mixture of Seneca Learning and exam practice at home
Computer Science	Topic: Section 2B – Programming Techniques: (Procedures & Functions; Validation & Authentication; Determining the purpose of Algorithms; Errors & Testing; end of unit assessment) Ongoing: Regular opportunities to develop practical knowledge & understanding of Python programming language with students' online TRINKET accounts. Exam specification: AQA GCSE Computer Science (8525)
Citizenship	Politics and Participation Students will continue learning about the politics of the UK and also undertake comparisons with the systems of other countries.
Statistics	1. Index numbers 2. Probability distributions
Media Studies	Crime Drama and Representation in the TV Industry: Students will begin studying Crime Drama and representations within the television industry. Building on their understanding of the theoretical framework and media language, they will analyse two set texts: <i>Trigger Point</i> and <i>The Sweeney</i>. Students will apply their knowledge of media conventions to a new media industry while continuing to develop the analytical skills they have been building throughout the course. Throughout the unit, students will deepen their understanding of how media texts construct representations and communicate messages. They will explore the influence of social, cultural and historical contexts on television productions, further developing their contextual knowledge. Students will also build their understanding of the global reach and influence of the media industry and

	continue to write analytical responses using appropriate subject-specific terminology and evidence to support their ideas.
Business Studies	We study Unit 5: Marketing to understand how marketing supports a business in achieving its objectives. Marketing helps businesses decide on products, pricing and promotion, but it must work closely with other areas like finance, operations and human resources. This shows how different departments are interdependent, as marketing plans need to match budgets, staffing and production. Overall, it helps us see how marketing influences business activity and contributes to success. We will look at specific topics such as identifying and understanding customers, segmentation, the purpose and methods of market research and the elements of the marketing mix.
Personal Development	Students will complete lessons on the topic of handling pressure, building resilience and the impact of addiction on mental health.