

Year 10 is a year of **preparation, commitment and progress**. Students begin their KS4 courses, building on strong foundations and developing the knowledge, skills and learning habits needed for future success. Through our Academic, Character and Enrichment curriculum, students are encouraged to take greater responsibility for their learning, respond positively to challenge and develop increasing independence and resilience. As students progress through their chosen subjects, they begin to explore future pathways and aspirations, making purposeful choices that prepare them for Year 11, examinations and life beyond school.

What will students learn in Year 10?			
Core			
Tutor Time	- Develop ambition, integrity and respect, taking greater responsibility for learning, choices and relationships. - Strengthen reading fluency, vocabulary and critical thinking through tutor-led reading. - Prepare for work experience, developing employability skills, workplace expectations and confidence for the world of work. - Build independence, organisation and positive study habits to support success throughout Key Stage 4.	English	- Build rich knowledge of power, inequality, conflict and social responsibility through <i>Animal Farm</i>, <i>A Christmas Carol</i> and poetry. - Explore how writers are shaped by, and respond to, their social, historical and political contexts. - Develop confident GCSE reading through close analysis, interpretation, comparison and evaluation. - Apply increasingly secure knowledge and vocabulary to independent, purposeful analytical and creative writing.
Mathematics	- Apply Pythagoras and trigonometry to angles, lengths and geometric problems. - Solve linear, quadratic and simultaneous equations and explore algebraic graphs and sequences. - Develop understanding of circles, area, volume, proportion, congruence and similarity. - Analyse data and probability while preparing for PPEs and practising examination skills.	Combined Science (Trilogy)	- Explain homeostasis, inheritance and evolution using biological processes and evidence. - Investigate chemical changes, energy changes, quantitative chemistry, organic chemistry and reaction rates. - Apply scientific models to electricity, waves, forces and magnetism. - Consolidate knowledge through retrieval, practical work, PPE preparation and assessment review.

	RE	- Compare ethical systems used to determine right and wrong. - Apply religious and philosophical reasoning to contemporary moral issues. - Explore the foundations of Western thought and the influence of later thinkers. - Examine pre-Christian Cornish beliefs and Christianity's influence on Cornish faith and culture.	Triple Science (Option only)	- Explore homeostasis, inheritance and evolution alongside Biology Paper 1 retrieval. - Investigate chemical changes, energy changes, quantitative chemistry, organic chemistry and reaction rates. - Apply physics knowledge to electricity, waves, forces, motion and magnetism. - Prepare for PPEs through subject-specific revision, assessment and responsive teaching.
	PSHE (Life)	- Make informed choices about drugs and alcohol, assessing risk, influence and the dangers of specific substances. - Develop safe and respectful communication, including relationships, online behaviour, radicalisation and harmful digital influences. - Recognise and respond to unhealthy relationships and exploitation, including abuse, coercive control, gangs and sexual harms. - Prepare for adult life and employment, developing workplace awareness and financial understanding, including budgeting, tax and inflation.	PE	- Develop health, wellbeing and lifelong participation through a broad range of physical activities. - Refine teamwork, tactics and decision-making through netball, rugby, cricket and outwitting activities. - Build fitness, confidence and self-esteem through HRE fitness and individual physical challenge. - Develop the skills and motivation to remain active beyond school through badminton, tennis and athletics.
	Options			
	French	- Communicate confidently in practical situations involving travel, directions, shopping, reservations and eating out. - Describe holidays and past experiences using present, past, future and conditional time frames. - Discuss teenage life, media, technology, role models, relationships and personal identity. - Develop listening, speaking, reading, writing and translation skills through GCSE-style assessment.	Spanish	- Communicate confidently in practical situations involving travel, directions, shopping, reservations and eating out. - Describe holidays and past experiences using present, past, future and conditional time frames. - Discuss teenage life, media, technology, role models, relationships and personal identity. - Develop listening, speaking, reading, writing and translation skills through GCSE-style assessment.

Geography	• Explain how river and coastal landscapes change through physical and human processes. • Analyse interactions between urban and rural areas, including population change and sustainability. • Compare urbanisation, inequality and development challenges in London and Mumbai. • Investigate weather, climate and fieldwork data while preparing for PPE assessments.	History	• Trace changes in medicine from the medieval period to the modern day. • Investigate medical treatment, injuries and evacuation on the Western Front. • Analyse the challenges, recovery and eventual collapse of the Weimar Republic. • Explain the rise of the Nazi Party, dictatorship and life in Nazi Germany.
Computer Science	• Understand computer systems, including CPU performance, data representation, operating systems and utility software. • Develop robust programs using selection, iteration, lists, strings, functions and procedures. • Explore networks, protocols, cybersecurity, computer law and the social impact of digital technology. • Apply Boolean logic, algorithms and programming languages while understanding translators, compilers and interpreters.	Art	• Explore the theme of ecosystems through observation, research and artist responses. • Develop skills in drawing, painting, printmaking, ceramics and mixed media. • Refine ideas through experimentation, presentation boards and a sustained final outcome. • Begin a personal project through planning, research, experimentation and design development.
Drama (Performing Arts)	• Explore naturalism, epic theatre, forum theatre and physical theatre. • Analyse <i>Lovesong</i> and the work of Frantic Assembly, including purpose and stylistic influences. • Investigate performance, design, rehearsal and production roles within professional theatre. • Complete Component 1 assessment before developing scripted performance skills for Component 2.	Music Practice	• Explore musical styles, genres, products and professional practices through Component 1. • Develop performance, composition and production skills through practical workshops. • Apply musical knowledge and research within the Component 1 non-examined assessment. • Prepare for Components 2 and 3 through further theory and practical skill development.
Design Technology	• Examine how technological, social, cultural, ethical and environmental factors influence design and manufacturing decisions. • Compare energy sources, smart and composite materials, technical textiles, electronic systems and mechanical mechanisms.	Food and Nutrition	• Explore nutrients, healthy eating guidelines and changing dietary needs across different life stages. • Examine food provenance, global cuisines, sustainability, food miles, packaging, waste and food security.

	- Identify material categories and select suitable materials by considering their properties, cost, availability and sustainability. - Develop specialist knowledge of timber, including sources, stock forms, production scales, manufacturing processes and safe working techniques.		- Apply food-safety principles, including safe storage, contamination prevention, preservation and HACCP. - Investigate food science through practical cooking, including heat transfer, raising agents, coagulation, caramelisation and gluten formation.
Photography	- Explore environments through urban landscapes, unusual viewpoints, macro photography and colour. - Develop camera, composition, contact-sheet, editing and presentation skills. - Experiment with collage, montage, light, movement, long exposure and portraiture. - Begin a personal project through planning, research, experimentation and design development.	Media Studies	- Analyse media language and representation across magazines, advertising and contemporary and historical film posters. - Explore how the video-game and radio industries target and engage audiences through <i>Fortnite</i> and <i>The Archers</i>. - Examine how advertising and film-promotion strategies are shaped by industry and audience needs. - Develop NEA coursework through research, planning and the purposeful application of media conventions.
Enterprise and Marketing	- Conduct market research to identify customer needs, competitors and potential opportunities. - Develop a business proposal by defining a target market and creating a suitable design mix and product ideas. - Calculate costs, revenue, profit and break-even to assess the financial viability of the proposal. - Create a distinctive brand and promotional campaign before pitching the proposal to a target audience.	Religious Studies	- Explore key Buddhist beliefs, teachings and traditions, including suffering, karma, rebirth and enlightenment. - Examine how worship, meditation, pilgrimage, festivals and sacred texts shape religious practice. - Apply religious and non-religious perspectives to ethical issues, including relationships, medical ethics, death and violence. - Develop skills in explaining, comparing and evaluating beliefs using teachings, evidence and structured examination responses.
Health and Social Care	Explore physical, intellectual, emotional and social development across the six life stages.	Digital IT	Explore different types of user interface and analyse how they meet user and stakeholder needs.

		• Examine how biological, social, cultural and economic factors influence individual growth and development. • Analyse the impact of expected and unexpected life events and the support available to individuals. • Investigate health and social care services and apply care values when meeting individual needs.		• Apply design principles, including layout, navigation, consistency, accessibility and appropriate colour schemes. • Plan, develop, test and improve a user interface before completing the Component 1 Pearson Set Assignment. • Collect, present and interpret reliable data using appropriate sources, representations and digital tools.
	Sport Science	• Explain the components of fitness and apply them to different sports and skilled performances. • Apply training principles, goal-setting techniques and appropriate training methods to improve fitness. • Plan, deliver, monitor and evaluate a personal fitness-training programme. • Examine the cardiorespiratory and musculoskeletal systems, their responses to exercise and the technologies used to support performance.		

What will students learn in the Autumn Term?

Core

Tutor Time	- Embed ambition, integrity and respect, establishing positive routines and expectations for Year 10. - Strengthen reading fluency, vocabulary and critical thinking through tutor-led reading. - Begin preparing for work experience, exploring aspirations, employability skills and expectations of the workplace. - Develop independence, organisation and effective study habits to support a successful start to Key Stage 4.	English	- Explore power, control, propaganda and inequality through Orwell's Animal Farm. - Understand how context, allegory, character and symbolism shape meaning. - Extend understanding of power and conflict through the study and comparison of poetry. - Develop increasingly independent GCSE responses, drawing confidently on accumulated knowledge and textual evidence.
Mathematics	- Apply Pythagoras and trigonometry to calculate missing sides and angles. - Expand binomials and solve linear and quadratic equations. - Explore circle geometry, including further circle theorems. - Represent and analyse data before completing the autumn assessment.	Combined Science (Trilogy)	- Explain how the nervous and endocrine systems maintain homeostasis. - Investigate chemical changes, energy transfers and quantitative chemistry. - Apply electrical principles to circuits, energy transfer and household electricity. - Develop scientific knowledge and examination skills through retrieval and assessment.
RE	- Apply ethical theories to challenging modern-world issues, such as euthanasia. - Explore utilitarianism, virtue ethics and situation ethics. - Apply ethical reasoning to war and conflict. - Develop reasoned arguments using evidence, evaluation and justified conclusions.	Triple Science (Option only)	- Retrieve Biology Paper 1 knowledge and explore homeostasis and response. - Investigate chemical changes, energy changes and quantitative chemistry. - Apply knowledge of electricity before progressing to waves. - Strengthen scientific understanding through practical work and GCSE-style questions.

	PSHE (Life)	- Assess risks relating to drugs and alcohol, including the dangers of specific substances. - Explore how different influences affect decision-making and personal choices. - Develop effective and respectful communication within relationships and online. - Strengthen online safety, including recognising and reporting negative communications.	PE	- Develop teamwork, tactics and performance through netball and rugby. - Build understanding of health, fitness and wellbeing through HRE fitness. - Refine individual skills and decision-making through badminton. - Develop confidence, independence and positive attitudes towards remaining physically active.
	Options			
	French	- Use transactional French to ask directions, shop, make reservations and resolve problems. - Describe travel plans and holidays using present and future time frames. - Recount past experiences using the perfect and imperfect tenses. - Complete extended writing and translation tasks with increasingly accurate grammar and pronunciation.	Spanish	- Use transactional Spanish to ask directions, shop, make reservations and resolve problems. - Describe travel plans and holidays using present and future time frames. - Recount past experiences using the preterite and imperfect tenses. - Complete extended writing and translation tasks with increasingly accurate grammar and pronunciation.
	Geography	- Explain how rivers change from source to mouth through erosion, transportation and deposition. - Assess the causes, impacts and management of river flooding using UK examples. - Explore links between urban and rural areas, including population and retail change. - Evaluate strategies for creating sustainable rural communities and new developments.	History	- Explain medieval beliefs about disease, treatment and the Black Death. - Evaluate the impact of Vesalius, Harvey and Renaissance medical developments. - Analyse advances in vaccination, surgery, nursing and public health during the eighteenth and nineteenth centuries. - Assess developments in modern diagnosis, treatment, penicillin and government healthcare.
	Computer Science	- Explain how the CPU operates and identify the factors that affect its performance. - Represent characters, numbers, images and sound digitally using binary data. - Use an integrated development environment to write, run, test and debug programs.	Religious Studies	- Explore the life of Siddhartha Gautama and key Buddhist beliefs, including suffering, impermanence, karma, samsara and nirvana. - Explain how the Noble Eightfold Path, Five Precepts, Three Jewels and different Buddhist traditions guide belief and behaviour.

	Develop programs using appropriate syntax, selection and count- and condition-controlled iteration.		- Examine Buddhist worship, shrines, pilgrimage, festivals, sacred texts and meditation practices, including zazen and vipassana. - Apply Buddhist ethical principles such as compassion, loving-kindness and non-violence to relationships, medical ethics, death and violence.
Drama (Performing Arts)	- Explore contrasting acting styles through practical workshops and performance. - Analyse <i>Lovesong</i> and the creative methods of Frantic Assembly. - Develop understanding of theatrical purpose, design and production responsibilities. - Apply performance knowledge when studying and preparing for the released assessment brief.	Music Practice	- Explore the characteristics and context of contrasting musical styles. - Analyse how musical elements are used within different pieces and products. - Develop practical skills in performance, composition and music production. - Apply theoretical understanding through listening, rehearsal and creative tasks.
Design Technology	- Examine how technological, social, cultural, ethical and environmental factors influence design and manufacturing decisions. - Compare energy sources, smart and composite materials, technical textiles, electronic systems and mechanical mechanisms. - Identify material categories and select suitable materials by considering their properties, cost, availability and sustainability. - Develop specialist knowledge of timber, including sources, stock forms, production scales, manufacturing processes and safe working techniques.	Food and Nutrition	- Identify the functions, sources and recommended amounts of macro- and micronutrients, fibre and water. - Plan balanced diets that reflect age, lifestyle, allergies, intolerances, deficiencies and religious beliefs. - Investigate enzymatic browning and compare how different fats affect the texture and structure of cakes. - Develop practical skills through dishes including ratatouille, vegetable curry, Victoria sandwich, savoury biscuits and Swiss roll.
Art	- Develop observational drawing through pencil tone, form and proportion. - Explore texture using pen marks, stippling and ink. - Experiment with watercolour, acrylic paint and mixed-media techniques. - Present research, experiments and developing ideas clearly within a portfolio.	Photography	- Research the theme of environments and present relevant photographer studies. - Develop camera control, composition and photographic recording skills. - Capture urban landscapes using unusual angles, close-ups, colour and abstraction. - Edit, evaluate and refine photographs into purposeful final outcomes.

	Media Studies	- Analyse the use of media language and representation in the set magazine texts. - Compare magazine products and develop structured responses to examination questions. - Explore how the video-game industry produces and markets <i>Fortnite</i> for different audiences. - Examine how BBC Radio 4's <i>The Archers</i> reflects the relationship between media industries and audiences.	Enterprise and Marketing	- Conduct market research to explore customer needs and identify opportunities within a chosen market. - Identify a clear target customer using relevant demographic and lifestyle information. - Create a design mix that considers function, aesthetics, cost and customer requirements. - Develop and evaluate creative product ideas using research, feedback and self-assessment.
	Health and Social Care	- Identify the key life stages from infancy through to later adulthood. - Describe physical, intellectual, emotional and social development during each life stage. - Explain how relationships, lifestyle, culture, income and environment affect development. - Analyse how individuals respond and adapt to significant life events with appropriate support.	Sport Science	- Identify the different components of fitness and explain their relevance to specific sports. - Assess fitness using appropriate tests and interpret the results accurately. - Apply components of fitness to sporting skills, positions and performance requirements. - Explore training principles, goal setting and the benefits of different training methods.
	Digital IT	- Identify graphical, command-line, menu-based and natural-language user interfaces and explain their purposes. - Analyse how user age, experience and accessibility requirements influence interface design. - Apply layout, navigation, consistency, accessibility and colour principles when developing interface ideas. - Evaluate existing interfaces while considering stakeholder needs and legal, ethical, cultural and environmental factors.		