

Becoming an Expert in Year 10

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Pastoral (Assembly and Tutor Time)	Focus, Routines and Balance Focus on opportunities, ambition and aspirations for a successful Year 10. Establish personal habits, routines and work/life balance for success. Get involved in your favourite area in school.	The World of Work Personal skills and qualities effective for the working world. Research and reflect on what pathways and skills are required to achieve your ambitions and reach your dream job.	Positive Study Routines Prepare for Year 10 exams. Develop independence and establish positive, balanced study habits, revision skills and organisation. Reflect on effective preparational strategies.	Leadership Opportunities Develop leadership qualities and enjoy responsibility. Build confidence by meeting fellow prefects, teachers and visitors within school. Become a role model to inspire other students.	Positive Study Success Develop positive and balanced study habits, revision skills and organisation, with a focus on self-care and positive emotional, mental health and well-being in the exam build up process.	Careers, Well-being and Preparation Review of the year, strengths and areas of development to focus on in Year 11. Making the most of work experience. Reiterate the importance of work/life balance throughout the summer.
Penrice CLASS (RE)	Christianity The Nature of God and Evil and Suffering		Christianity and Islam Evil and suffering continued. Did Jesus Exist? Islam - Angels	Christianity and Islam Islam - Prophets. Relationships, Banning the Burka and Christian Attitudes to Homosexuality	Christianity Attitudes to war 2 part lesson and Peace and Peacemaking	Christianity Peacemaking continued. Marriage in the modern world
Penrice CLASS (Digital Online Safety)	Self Image and Identity Exploring what is 'identity' and why do people experiment /alter their online image. The affects caused if digital personality's are changed. The benefits of a digital identity, its use for self promotion with the understanding that photographs etc can be manipulated		Online Relationships The benefits of communicating with people online and social networking features. Who is safe to talk to online and how can we spot the potential signs of grooming.	Online Relationships Reporting concerns. Understanding what is meant by healthy and unhealthy sexual behaviour. Digital footprint and the negative impact of social media, consent and GDPR.	Online Reputation Access to online information, it can be created, copied or shared, judgements and it's affects. Strategies on how to build a positive online reputation, what is appropriate to say and do in different online situations.	Managing online information Understanding opinions, facts and fiction. Search and credible sources. Online market place and their benefits. Fake news and how your digital personality might be affected.
SMSC - Thought for week	Thought for the week Visiting various topics such as New Beginnings, Democracy, Peace, Symbolism, Education, Character and Sustenance	Thought for the week Visiting various topics such as Remembrance, Tolerance, Innovation, Expectations, Perception, Islam and Nativity	Thought for the week Visiting various topics such as Epiphany, Consent, Celebration, Dignity, Legacy, Discernment	Thought for the week Visiting various topics such as Diligence, Inspiration, Paradox, Personal Development, Ephemeral and Serendipity	Thought for the week Visiting various topics such as Perseverance, Belonging, Aphorism, Sleep and Juxtaposition.	
English Language	Creative Reading and Writing Understanding writers' meanings, analysing features of language and structure and evaluating writers' ideas and methods. Developing students' own creative writing, including technical accuracy.	Viewpoints and Perspectives Developing the use of rhetorical methods, vocabulary, sentence structures and punctuation to convey opinions through persuasive writing and spoken language.	Literature Revision Revising An Inspector Calls, the Power and Conflict cluster of the Poetry Anthology and Unseen Poetry, developing analytical skills and exploring how to structure a Literature essay effectively.	Macbeth Exploring the plot, characters and themes presented in the play and developing analytical skills through evaluation of William Shakespeare's language, structure and form.	Viewpoints and Perspectives Summarising and comparing writers' viewpoints, analysing language, evaluating writers' methods and using rhetorical methods, vocabulary and structural features to write to express an opinion.	Creative Reading and Writing Revising and developing analysis of language and structure, evaluation of writers' ideas and methods and creative writing.
English Literature	Poetry Anthology Developing analysis and comparison of poets' ideas, language, structure and form, focusing on: Storm on the Island; Extract from The Prelude; Exposure; Tissue, Ozymandias.	A Christmas Carol Exploring the plot, characters and themes presented in the 19th century novel and developing analytical skills through evaluation of Charles Dickens' language, structure and form.			Literature Revision Revising Macbeth and A Christmas Carol, developing analytical skills and exploring how to structure a Literature essay effectively.	An Inspector Calls Revising the plot, characters and themes presented in the play and developing analytical skills through evaluation of J.B. Priestley's language, structure and form.
Maths	Transformations (F) Moving shapes through rotation, reflection, enlarging and translations Graphs (H) working with non-linear graphs, drawing, interpreting and finding the area under curve.	Shapes and Space Finding space inside and around 2D and 3D shapes, working with similarity, scale drawings and bearings		Data (H) What is data, summarising data, visualising data, interpreting data. Simultaneous Equations (F) Solving equations with two unknowns through elimination and graphically	Pythagoras and Trigonometry (F) Finding the length and/or angles on right angled triangles. Probability (H) Working out the chance of event occurring.	PPE Preparation Supporting students through distance learning of key weak topics. Game of Life Financial capability through life lessons
Science Combined	Biology Inheritance & Evolution Reproduction, human genome, inheritance, genetic disorders, evolution, selective breeding and genetic engineering. Chemistry Bonding ionic bonding, covalent bonding and metallic bonding.	Chemistry Organic Chemistry Crude oil, fractional distillation and cracking. Biology Homeostasis & Response: nervous system, controlling blood glucose and reproductive hormones	Physics Radiation and Electricity: radioactive decay, half lives, series & parallel circuits, resistance, domestic electricity. Chemistry Energy Changes: endothermic and exothermic reactions.	Chemistry Quantitative Chemistry & Rates The mole, moles calculations, increasing the rate of reactions, catalysts, reversible reactions.	Physics Waves & Forces: transverse & longitudinal waves, EM spectrum, resultant forces, motion of objects, Newton's laws, momentum.	PPE exams revision Students will complete three PPE exams. One biology, one chemistry and one physics. Students then complete detailed analysis and improvement on the areas of learning needing improvement.
Science Triple	Biology Inheritance & Evolution Reproduction, human genome, inheritance, genetic disorders, evolution, selective breeding and genetic engineering. Chemistry Bonding: ionic bonding, covalent bonding, metallic bonding and nanotechnology.	Chemistry Organic Chemistry Crude oil, fractional distillation and cracking. Biology Homeostasis & Response: nervous system, blood glucose control, reproductive hormones, the eye and the brain.	Physics Radiation and Electricity Radioactive decay, half lives, uses of radiation, series & parallel circuits, resistance, domestic electricity. Chemistry energy changes: endothermic and exothermic reactions, bond energies.	Chemistry Quantitative Chemistry & Rates The mole, mole calculations, atom economy, titration calculations, increasing the rate of reactions, catalysts, reversible reactions.	Physics Waves & Forces Transverse & longitudinal waves, EM spectrum, the ear, reflection and refraction, resultant forces, motion of objects, Newton's laws, momentum.	
Computer Science	Computational Thinking Key techniques for computational thinking, writing algorithms : pseudocode, flow diagrams, search and sorting (eg. ordered, insertion, bubble, merge) algorithms and programming covering algorithms.	Application of computational thinking Algorithms and programming covering programming as data types , operators, constants and variables, strings (using Python software)	Computational thinking using program flow IF-THEN-ELSE structures, Nested IF statements, Switch-case statements, Loops and conditions, Boolean operators, arrays covering producing robust programs.	Computational thinking Algorithms and programming covering Computational logic, Translators and facilities of language.	Computational thinking File handling, storing data, sub programs (procedures and functions). Knowledge of defensive design to ensure programs function properly.	Computational thinking Algorithms and programming covering to include PPE of Paper 2 80 marks 1 hour and 30 minutes Written paper (no calculators allowed)
Geography	Living World Students develop their knowledge of the case study Rainforests in the Solomon Islands. They look at causes of deforestation and how this can be managed on a local and global scale.	Living World Deserts Students develop knowledge about the Mojave desert and the fringe of the Sahara; the Sahel. They develop an understanding of both opportunities and challenges of living in this harsh environment.	Challenges of an Urban World Students learn about the opportunities and challenges in Mumbai looking in detail at the slums of Dharavi. (Applied Geography Brazil). They also develop skills such as data analysis and use of graphs.	Challenges of an Urban World Students develop knowledge of Plymouth and look at the opportunities and challenges that exist. They also develop skills such as data analysis and use of graphs. They also visit Plymouth.	Economic Development Students build knowledge of Kenya and the development gap and strategies used to close this. They also build graphical skills and how to compare data.	Economic Development Students build knowledge of regional differences in the UK such as deindustrialisation and the UK's trade relations economies. They also build knowledge about the post industrial globally and in Europe.
History	Cold War We explore the high points of tensions and then the gradual decrease as the world moved away from nuclear conflict. Skills assessing consequences, chronology and importance are	Elizabeth, 1558-88 We explore the challenges Elizabeth faced upon becoming Queen, her 'settlement' of religion in England and the problem of Mary, Queen of Scots. We develop skills in causation.	Elizabeth, 1558-88 We study the challenges Elizabeth faced at home with plots and rebellions and abroad through war with Spain. Students develop skills answering the essay-style judgement question.	Elizabeth, 1558-88 Students learn about Elizabethan society, education and leisure, as well as Drake, Raleigh and the 'Age of Exploration'. We develop exam-readiness for all questions.	Medicine/Cold War Students review and revise both content and skills from these two modules. This will consolidate their understanding and confidence in preparation for their GCSE exams next year.	USA, 1861-75 We study the discrimination faced by black people alongside the role of Rosa Parks, Martin Luther King and other activists. Source inference, analysis and causation skills are developed.
French	Holidays and travel Review of all past tenses to describe your recent holidays in detail as well as the activities that you can do when travelling in French speaking countries around the world.	Transactional holiday language Build on prior learning relating to giving and asking for directions, dealing with problems when out in town, making reservations and complaints.	Young people today Explore the benefits and dangers of social media and new technology, learn how to talk about different styles of music and international music festivals as well as other important French celebrations.	International sporting events and influences Revisit the topics of free time, sports, media, films, daily routines focusing on the importance of international events and rolemodels for young people today.	All about the PPEs! This term you will complete your first set of full GCSE exams, so we will focus on the exam skills required for the different speaking, writing, reading and listening exams and revision of the topics learnt to date.	Global dimension Revisit the topics of global and environment concerns and explore opportunities of volunteering around the world. This term will focus on a range of high-level grammatical concepts.
Spanish	Holidays and travel Review of all past tenses to describe your recent holidays in detail as well as the activities that you can do when travelling in Spanish speaking countries around the world.	Transactional holiday language Build on prior learning relating to giving and asking for directions, dealing with problems when out in town, making reservations and complaints.	Young people today Explore the benefits and dangers of social media and new technology, learn how to talk about different styles of music and international music festivals as well as other important Spanish celebrations.	International sporting events and influences Revisit the topics of free time, sports, media, films, daily routines focusing on the importance of international events and rolemodels for young people today.	All about the PPEs! This term you will complete your first set of full GCSE exams, so we will focus on the exam skills required for the different speaking, writing, reading and listening exams and revision of the topics learnt to date.	Global dimension Revisit the topics of global and environment concerns and explore opportunities of volunteering around the world. This term will focus on a range of high-level grammatical concepts.
Fine Art	Collections Students begin to explore the context of their chosen character through drawings, research and annotations. They develop design ideas for their chosen character's 'cabinet of Curiosity' through various media.	Collections Students will make a collection of final sculptures and paintings ready which respond and link to their character and their own 'Cabinet of Curiosity' design.	Collections Students complete their 'Cabinet of curiosity' making their own cabinet box using recycled materials. This will form the final outcome of their first completed GCSE coursework project.	Juxtaposition Students explore artists work who link to the theme of 'Juxtaposition' working on their existing transcription skills and exploring with greater independence their own choice of artists and techniques.	Juxtaposition Students learn to use Photography and Photoshop techniques to create their own independent explorations around the theme of 'juxtaposition.'	Juxtaposition Students develop ideas from own photography into a series of colour 2-D painting and drawing media experiments with an emphasis on evaluating their processes and ideas.
BTEC Art	Memorial sculpture Students to construct memorial piece refining construction skills to realise ideas for school garden space.	Tea Kettle To generate ideas in response to a client brief. Students will explore ceramic hand building construction techniques.	To respond to a client brief	To respond to a client brief	To respond to a client brief	Tea Kettle Students to generate ideas for shape and decoration of Tea kettle through first hand observation.
Photography	Portraiture Students learn how to take portrait photographs properly using studio lighting and studying famous portrait photographers. They explore a range of interesting and exciting techniques.	Portraiture Students study various photographers who transform images in a variety of ways both digitally and physically. They research and analyse the photographers and produce responses that develop photo manipulation techniques.	Portraiture Students start to develop their own ideas for the project by exploring photographers of their choice based around the techniques and processes that they have had most success with.	Portraiture Students develop and refine their ideas and produce a final outcome for the project.	Identity Students start their final coursework project exploring themes of identity and developing ideas in response to photographers, using skills and techniques that they have learnt over the duration of the course.	Identity Students go on a trip to Falmouth University for a day to experience a range of studio photography. The work produced feeds into their coursework project. Students start to develop personal ideas around identity.
Animal Care	Cleaning out animal accommodation Students will learn how to safely and confidently carry out cleaning of multiple types of animal accommodation. This will be done to a high, industry standard.	Prepare and maintain accommodation Students will learn how to correctly prepare and maintain multiple types of animal accommodation. This includes running maintenance checks and choosing bedding, fixtures and fittings.	How to select appropriate Students will learn the factors to consider when choosing an animal's accommodation. This includes considerations that affect the owner and considerations to ensure an animal's welfare needs are met.	Roles of animals in society Students will learn about the multitude of roles played by animals in our society. They will then continue onto the roles, missions and responsibilities of animal-related organisations that safeguard animal welfare.	Understand animal welfare and legislation Students will learn how the use of the five animal welfare needs and current UK legislation protect the comfort and wellbeing of animals.	Understand the responsibly involved in caring for animals Students will learn the different considerations that animal owners need to bear in mind when choosing and caring for animals to ensure good animal welfare.

Business Studies	Elements of the Promotional Mix Targeting and segmenting (demographics, psychographics, geographic, behavioural) customers and markets. Factors that influence the choice of promotion.	Financial Record Interpret and check the information on financial documents and statements, payment methods, revenue and costs, gross and net profit calculations, assets and liabilities; and understanding of profitability and liquidity ratios	Financial planning and forecasting Complete cash flow forecasts and net asset calculations, and know the effects of positive and negative cashflow on enterprises. Create, interpret breakeven charts and analysis; knowing its limitations.	Revision Use and calculations relating to cashflows, profit and loss accounts, balance sheets. Interpreting financial position using accounting ratio for profitability and liquidity	Mirco-enterprise Exploring ideas and plan for a mirco-enterprise. Learners will develop their knowledge and understanding of the skills required to plan for a mirco-enterprise activity.	Mirco-enterprise Pitch Learners will demonstrate skill by pitching and individual summary of their business plan to an audience.
Child Development	Reproduction & the responsibilities of parenthood. Relationships between partners, financial implications, social pressures, genetic counselling for hereditary diseases, diet, exercise, weight, dangers of smoking & drinking, food, clothing, shelter, warmth, rest, providing love and nurture, socialisation and customs	Ante-natal care, labour and post-natal care Preparing for a safe labour and delivery, preparing both parents for labour and parenthood, the role of the father, healthy lifestyles, breastfeeding, routine checks, diagnostic tests, the stages of labour and medical interventions.	Creating a safe environment and caring for an ill child Babies' natural immunity, immunisations and vaccinations, general signs of illness, caring for an ill child, key signs and symptoms, diet related illnesses, the needs of an ill child (physical and emotional), preparing for a visit/stay in hospital.	Equipment and nutritional needs of children from birth to five years Travelling, feeding, clothing, sleeping, cost, safety, age-suitability, durability, hygiene, ergonomics.	Development of a child from birth to five years. Gross motor skills, fine motor skills, intellectual development, social development.	Development of a child from birth to five years. Types of play, benefits of play, planning for learning through play, evaluating different types of play activities.
Creative iMedia	Digital Graphics Preparing for digital creation using moodboards, mind mapping uses in design. Purpose and use of visualisation diagrams, storyboards, scripts. Applications to scenarios and analysis of example documentation.	PreProduction Skills Researching, work plans and content creation, target audience categories and segmentation, hardware and software, health and safety and copyright laws; version controls.	Revision for PreProduction Skills Exam Planning productions, interpreting moodboards and storyboards, describing file formats suited to client brief. Interactive Media: researching media types e.g. multipage websites, visualisation of web page layout. Asset research and creation.	Interactive Media Knowing key elements of interactive products, input and output devices, types of products, hardware, software, types of connection and their limitations. Appropriate file formats.	Digital Animation Knowledge of animation software, interpreting client brief, creating a storyboard, identifying resources, demonstrating understanding of legislation in relation to use of assets, ideas and concepts in digital animation.	Digital Animation Creating clear test plans, using a variety of tools and techniques within the animation software to fully address the client brief. Using functions to enhance movement within the animation
Drama	Preparing a Scripted performance Developing skills and techniques in performance, using a selection of 20th Century British and American texts. Exploring rehearsal process and techniques, as well as developing characterisation skills for performance.	Exploring the Performing Arts Understanding the variety of roles and responsibilities that contribute to successful theatre, as well as contextual awareness and examples of professionally performed theatre. Explored through <i>An Inspector Calls</i>, <i>Bouncers</i>, and <i>Too Much Punch for Judy</i>.	Responding to a Stimulus Developing knowledge of what a stimulus is and how to respond to a stimulus through a devised performance. Working as a team to create a performance, and analyse the process through ideas, development and evaluation.	Responding to a Stimulus Continue to respond to the stimulus, with a greater emphasis on the devising cycle and the development of a devised performance for a target audience.	Responding to a Stimulus Demonstrating knowledge of how to respond to a stimulus, with focus on performance skills and evaluation.	Exploring the Performing Arts: Exploring the interrelationships between roles, responsibilities and performance style through development of the Written Report.
BTEC Engineering	Engineering Materials, Components & Processes Polymers & Metal Groups, Properties & Characteristics, Drilling & Forming Processes, Product Components & Parts. Materials Components & Processes. Introduction to 2D Design.	Responding to an Engineering Brief Students will undertake final preparation for their controlled set task. This is a task set by the exam board and will take place over a 5 hour period during February.		Planning & Making a Product Production Plans, Health & Safety, Production Processes, Materials Selection, Skills Review, Inspection & Evaluation of an Engineered Component. Planning & Making a Product.		Assignment Recap & Amendments. Products, Sectors & Organisations. This time will be given to students to amend and review their learning and knowledge to increase their current qualification grade and assignment content.
Hospitality and Catering (Food)	Balanced Diets and Nutrition Functions of nutrients, comparing nutritional needs, balance of macro nutrients, characteristics of unsatisfactory nutritional intake, impact of cooking methods on nutritional value. Meeting the needs of customers through menu planning.	Techniques for the Cooking of Commodities Weighing, measuring, chopping, peeling, whisking, melting, rubbing in, sieving, segmenting, slicing, hydrating, blending. Preparing poultry, meat, fish, eggs, dairy, cereals, grains, pasta, vegetables, fruits, soya.		Food Safety & Presentation Techniques Boiling, baking, steaming, roasting, poaching, grilling, frying, chilling, cooling, hot holding. Portion control, position, garnish, creativity.		Planning and cooking complete dishes. Students demonstrate their learning in the preparation of dishes aiming for faultless speed and precision, working effectively and independently.
Music	Responding to a Commercial Music Brief Features of a brief, planning, constraints and intentions. Selecting and applying musical skills in response to a commercial music brief. Developing a response, refining the musical product. Creative intentions, target audience, investigating musical styles, human and physical resources, timeline for project development, format and scope, creative constraints.	Presenting and evaluating the finished musical product Reviewing work in progress, quality of outcome, presenting work to the client, commenting on the creative process and finished outcome. Identifying priorities, setting targets, using planning tools and technology, health & safety, resources and facilities, data back-up and safeguarding, qualities (technical, finish and	External Assessment Practice Preparation for the completion of Responding to a Commercial Music Brief exam. Creating original music by applying knowledge of melody, harmony, rhythm, textures, musical devices (canon, riff etc), musical structures, compositional software (if appropriate). Performing using performance techniques fluently and effectively.		Music Skills Development Personal and professional skills for the music industry, communicating music skills development, development of technical music skills and techniques. Specialisation in two of the following pathways: Performance, Production, Creation.	
CLASS	Relationships Multiculturalism British Values, Role Models; Knife Crime, Different Families/Parenting Skills and Happiness.	Relationships Managing change, Why do role models influence us? and Transgender,	Relationships Act Now PC Dorman: anti terrorism, Relationship challenges - break ups and Planet Porn.	Living in the wider world Online gambling and Homelessness.	Cohesion project Growth Mindset, Open Minds and Empathy and Perspective.	Cohesion project Empathy and Perspective, Meta-cognition and Wrap up and reflection.
Sports Science	Sports Psychology Understand the relationship between personality and sports performance. Know how motivation can affect sports performance.	Sports Psychology Know how aggression can affect sports performance. Understand the impact of arousal and anxiety on sports performance.	Sports Psychology Be able to apply sport psychology strategies to enhance sports performance.	Sports Injuries Understand different factors which influence the risk of injury.	Sports Injuries Understand how appropriate warm up and cool down routines can help prevent injury. Know how to respond to injuries within a sporting context.	Sports Injuries Know how to respond to common medical injuries.
PE Core	Wellbeing Importance of sport and physical activity in contributing to physical, mental and social health and wellbeing.	Leadership How to plan and lead others in physical activity.	Empathy Develop empathy and understanding for others through sportsmanship.	Self Reflection Understand own strengths and weaknesses in fitness and knowledge and understanding of invasion games and striking and fielding.	Athletics Understand aerobic and anaerobic events. Know techniques and rules of competition for their events. Measure and officiate for athletic events.	Teamwork Teamwork how to be an effective member of a team and contribute towards the success of it.