

Becoming Experts in Year 9: Curriculum Overview					
Curriculum Areas	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Pastoral (Assembly and Tutor Time)	Enrichment, Experience and Opportunity 'Stepping up' and flourish with your personalised curriculum. Take advantage of enrichment opportunities to embed strong foundations for success towards your ambitions with positive attitudes and behaviours. Get involved and undertake different roles, responsibilities and experiences. Aim high and be ambitious.		Lifelong Learners Deepen and embed our new learning, with real world experiences and opportunities for life-long learning. Continue to build resilience and growth 'mind-flex' with a can do attitude. Display the attributes of a good Penrice citizen and demonstrate acts of kindness to oneself and others.		Reflect and Review Review of the year, celebrate involvement and success. Action plan to identify areas of strength and strategies to develop resilient learners who feel prepared. Develop a more mature and holistic outlook with a real focus.
Penrice CLASS (RE)	Christianity The Nature of God and Evil and Suffering		Christianity and Islam Evil and suffering continued. Did Jesus Exist? Islam - Angels	Islam - Prophets. Relationships, Banning the Burka and Christian Attitudes to Homosexuality	Christianity Attitudes to war 2 part lesson and Peace and Peacemaking
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.	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.
SMSC - Thought for week	Thought for the week Visiting various topics such as New Beginnings, Democracy, Peace, Symbolism, Education, Character and Sustainance	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	The Art of Rhetoric Crafting and presenting viewpoints in both spoken and written form. Developing use of precise vocabulary, rhetorical methods and technical accuracy.		Viewpoints and Perspectives Developing the skills of summary, comparison, language analysis and exploration of writers' method through analysis of non-fiction sources.		Description Description planning, structuring and writing. Using a range of challenging vocabulary, descriptive methods, punctuation and sentence structures.
English Literature	Poetry Anthology Analysing the language, form and structure of the war poems from the Power and Conflict cluster: Remains, War Photographer, Poppies, Kamikaze, Bayonet Charge, Charge of the Light Brigade, Exposure, The Emigree and My Last Duchess.	Poetry Anthology Analysing the language, form and structure of the war poems from the Power and Conflict cluster: Remains, War Photographer, Poppies, Kamikaze, Bayonet Charge, Charge of the Light Brigade, Exposure, The Emigree and My Last Duchess.	An Inspector Calls Exploring the plot, characters and themes presented in the modern drama text and developing analytical skills through evaluation of J. B. Priestley's language, structure and form.	Poetry Anthology Analysing the language, form and structure of the nature poems from the Power and Conflict cluster: Storm on the Island, Extract from The Prelude, Ozymandias, Tissue and Exposure.	An Inspector Calls Revising the plot, characters and context of the modern drama text, focusing on analysis and essay planning.
Maths	Investigate and Corroborate What is data? Collect data, represent and summarise data, draw conclusions.	Versatile Vinculum What is a fraction? Generalising fractions. Exploration of the 2D Plane, name and properties of shapes, angle facts.	Exploration of the 2D Plane Area and space of shapes, transforming shapes.	The Origin of Number Types of number, base systems, standard form, indices and surds.	Round the Bend Working with non-linear graphs, drawing, interpreting, finding the area under the curve.
Science Combined	Biology Cell Biology and Organisation: Plant and animal cells, transport cells, human digestive system and the human circulatory system. Chemistry Atomic structure: structure of atoms, the periodic table and groups in the periodic table.	Chemistry Chemical changes: Reactivity series, metal extraction and neutralisation reactions. Physics Energy: energy stores and transfers, conservation of energy and national and global energy resources.	Physics Particle model: Density of materials, solids, liquids and gases. Chemistry Chemical Analysis and The Atmosphere: chromatography, gas tests, pollutants and the greenhouse effect.	Chemistry Using resources: Finite and renewable resources and potable water. Biology - Infection and Bioenergetics: defending against infection, vaccinations, photosynthesis, plants, respiration.	Revision Skills Students do 2 science exams at the end of Year 9. One biology and one chemistry and physics paper combined together.
Science Triple	Biology Cell Biology and Organisation: Plant and animal cells, transport in cells, human digestive system and the human circulatory system. Chemistry Atomic structure: structure of atoms, the periodic table and groups in the periodic table.	Chemistry Chemical changes: Reactivity series, metal extraction and neutralisation reactions. Physics Energy: energy stores and transfers, conservation of energy and national and global energy resources.	Physics Particle model: Density of materials, solids, liquids and gases. Chemistry Chemical Analysis and The Atmosphere: chromatography, gas tests, pollutants and the greenhouse effect.	Chemistry Using resources: Finite and renewable resources and potable water. Biology Infection and Bioenergetics: defending against infection, vaccinations, photosynthesis, plants, respiration.	Revision Skills Students do 2 science exams at the end of Year 9. One Biology and one chemistry and physics paper combined together.
Computer Science	Computer systems Systems Architecture including embedded systems and control systems. The CPU function, Fetch-Decode-Execute Cycle. Memory types: RAM, ROM and system performance such as clock speed, cores and cache. Secondary storage methods (eg. magnetic, HDD, SSD solid state, optical).	Computer systems The operating system, open and propriety software, Networks LANs and WANs, hardware, Client-server and peer-to-peer networks.	Computer systems Network topologies (eg. star, mesh topologies), network protocols (MAC addresses, IP addresses, Packets, TCP and layers); the internet as network.	Computer systems Network security threats, attacks such as malware, people, weak points, SQL injections and organisational network policies for dealing with threats.	Computer systems Ethical, legal, cultural and environmental concerns including stakeholders, censorship, surveillance, social well-being, cyberbullying and trolling, health problems caused by technology.
Geography	Natural Hazards Volcanoes and Earthquakes. Case studies: Haiti and New Zealand and begin using figures to interpret geographical phenomena. They also develop an understanding of processes.	Natural Hazards Understand Tropical storms, UK weather, extreme weather and Climate Change. Explain global atmospheric circulation, read a synoptic chart. Explain anticyclones and depressions.	UK Physical Landscapes- Rivers How to explain river processes and landforms using the River Fowey as an example. Evaluate management techniques.	UK Physical Landscapes- Rivers How to explain river processes and landforms using the River Fowey as an example. Evaluate management techniques.	UK Physical Landscapes- Coasts Students build an understanding of how to explain coastal processes and evaluate management techniques.
History	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.	USA, 1954-75 The growth of the civil rights movement, through evaluating protests, progress and radicalism. Supporting and challenging interpretations is the main skills focus.	USA, 1954-75 Investigate the US involvement in the Vietnam War and the impact this had politically, socially and economically.	USA, 1954-75 Reactions to US involvement in Vietnam and how through powerful media images and protests. America came to be at war	Medicine, 1250-1500 Medieval beliefs about diseases and cures, and the role of science and religion in this. We use the Black Death as a case study. Causation skills are developed.
French	Revisit the basics The structures of French, revisiting the topic of family and relationships. Build on the grammar and complex structures already learnt.	Daily life The daily routines of a teenager, including the social problems they face. Explore similarities and differences between life in the UK and France and watch a French play performed by native French speakers.	My house Your house and local area in detail including your ideal home and where you used to live and comparisons between homes in France/ UK	Thinking globally The problems in local area, as well as environmental and global issues focussing particularly on environmental problems in French speaking countries and how we can help to resolve these.	School life Describing life at schools and the problems students face. Review of higher-level structures learnt to date, with a cultural focus on the similarities and differences between schools in the UK and France.
Spanish	Revisit the basics The structures of Spanish, revisiting the topic of family and relationships. Build on the grammar and complex structures already learnt.	Daily life The daily routines of a teenager, including the social problems they face. Explore similarities and differences between life in the UK and Spain and watch a Spanish play performed by native Spanish speakers.	My house Your house and local area in detail including your ideal home and where you used to live and comparisons between homes in Spain/ UK	Thinking globally The problems in local area, as well as environmental and global issues focussing particularly on environmental problems in Spanish speaking countries and how we can help to resolve these.	School life Describing life at schools and the problems students face. Review of higher-level structures learnt to date, with a cultural focus on the similarities and differences between schools in the UK and Spain.
Fine Art	Surface Strengthen 2-D skills developing confidence. Explore surfaces and patterns of the natural world, working from observation.	Surface Relevant artists both contemporary and otherwise (including women artists) are investigated by students. Learn how to use watercolour to transcribe the work of an artist.	Surface Photography techniques to record surface textures of their immediate environment. Using these recordings and their existing drawings they design and then make a clay sculpture.	Surface Understanding of how the 'ready-made' can be used in art and explore this in their own work through further development around the theme of 'surface'.	Collections Explore relevant artists and create transcription work aimed at demonstrating an ability to draw and paint descriptively and with detail.
Art Btec	Skeletal Strengthen 2-D skills developing confidence. Explore structure and form through working from observation.	Skeletal Through studying professional artists and designers to expand knowledge and apply this to painting and printmaking.	Body as a found object Exploration of sculptors' work to develop understanding of the purpose of research in a written and practical form.	Body as a found object Explore a variety of drawing and construction techniques inspired by artists. Refinement of recording and design will form the main focus.	Body as a found object Learn how to personalise research and then generate own ideas for a sculpture. Learn how to present this and learn how to record development.
Child Development	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 Types of play, benefits of play, planning for learning th
Business Studies	Characteristics of Enterprise Enterprise types such as ownership eg sole traders, partnerships, PLC, Ltd and franchises. Knowledge of reasons for starting and SME and skills for success.	Entrepreneurs Know the purpose of SMEs, reasons for failure, business objectives and SMART principles, knowing current social and political pressures impacting SMEs.	Market Research Purpose of market research, customer needs and expectations. Using market research to understand customers through primary and secondary research types, quantitative and qualitative data review, collection and analysis.	Market Research Understanding competitors the main features that make products competitive, price quality, USP. Knowing how to link types of customers to different products according to age, gender, income, lifestyle and location.	Business Success Investigating internal and external factors that contribute to business success, knowing factors inside and outside of SME control such a marketing costs, governmental changes, legislation, consumer confidence in the economy, changing consumer behaviour.
Creative iMedia	Digital Graphics Introduction to digital graphics purpose and project. The purpose, use and audience of a range of digital graphics including websites, CD/DVD covers, magazine covers and online adverts. The theory of typography, colour and composition.	Create a Digital Graphic Develop production skills using Adobe Photoshop tools including text tool, crop, gradient, text effects, rotate, superimpose.	Review Digital Graphic Analyse strengths and weakness in a digital graphic. Assess accurately how well the digital graphic responses to the set brief. Suggest detailed improvements showing a clear understanding of design conventions.	Digital Animation Analyse a range of animation types including stop motion, CGI, cut out and cel animation. Techniques including key framing, inbetweening and frame by frame animation.	Create a Digital Animation Use Adobe Flash software to create a digital animation in response to a set brief, using a range of tools and techniques and demonstrating fluency and technical proficiency.
Drama	Respond to a Brief Practical exploration of a performance briefing, developing knowledge of the devising cycle and how to use a stimulus to guide a performance.	Scripted performance Exploration of the process of taking a script from page to stage, including characterisation, blocking, directorial decisions and staging.	Devising Developing competency with the devising cycle and applying this to a given stimulus. Documenting the devising process and evaluating impact of rehearsals.	Exploring the Performing Arts Revisiting Lovesong, Hard to Swallow and An Inspector Calls to explore how the texts are performed in a specific style, the playwright of theatre makers enhance a performance, including lighting designers, sound designers, costume d	
Food and Cookery	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.	The Hospitality & Catering Industry The structure of the hospitality and catering industry, job responsibilities, working conditions and factors affecting the success of a business. The operation of kitchens and front of house in meeting the needs of customers. Working safely and preventing illness from food-borne infection.		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.
PE Core	Performance Skills Select, refine and improve performance skills in practical lessons. Evaluate how effective the performance is and understand what they need to do to improve.	Fitness How fitness can impact on sports performance. Types of fitness - cardiovascular, muscular strength, muscular endurance, speed, flexibility, balance, reaction time, agility and co-ordination.	Fitness and Health Link between fitness and health. How sports and physical activity help improve our physical health. Lower blood pressure, lower heart rate, less risk of stroke and heart attack.	Mental Health Impact of physical activity on mental health and wellbeing. Feeling good - serotonin. Relieving stress and tension - distraction from daily life.	Athletics Athletics - understanding fast, slow twitch muscle fibres, and link between sports performance in athletics.
BTEC Music	Genres of Music 60s-70s (British Invasion, Heavy Metal, Disco), 80s-90s (BritPop, House, Synth Pop), 00s-present day (EDM, dubstep, grime). Music Theory approx. Grade 1 ABRSM.	Genres of Music Baroque, Classical, Gamelan, Bhangra, Music for Media, Jazz & Blues (bebop & bigband). Music Theory approx. Grade 2 ABRSM.	Composition & Performance Techniques Types of music industry products: live, audio, composition for media, song writing, DAW). Practising, rehearsing and performing. Composing music and recording it using technology. The roles of different instruments, how individual parts fit together, ensemble skills e.g. playing in time and balance.		Professional Skills fo Performance (timing, phrasing, accuracy of pitch and rhythm, tuning, expression, health and safety (extending ideas, structure, rhythmic and melodic patterns, chords). Produ
Photography	Place Learn about composition, through exploring the different formal elements of photography. Develop enhanced Photoshop skills.	Place Develop their critical understanding through the study of and response to various famous Photographers of the 20th and 21st century.	Place Create a Photobook based on a particular place that is special to them.	Motion The technical aspects of using a Digital SLR camera and how to use the exposure triangle.	Motion Explore long exposure photography including drawing with light. These skills are complimented with developing digital techniques to create the same effects on Photoshop.
BTEC Engineering	Engineering Materials, Components & Processes Polymers & Metal Groups, Properties & Characteristics, Drilling & Forming Processes, Product Components & Parts. Materials Components & Processes. Introduction to 2D Design.	Engineering Design & Development Engineering Brief, Design Sketching (2D/3D), Modelling (CAD), Evaluation and Client Input. Assignment 2 - Engineering Skills & Design Solutions.		Introduction to the Engineering Industry Sectors, Roles & Responsibilities, Jobs & Careers, Interconnections - Products, Sectors & Organisations.	Responding to an Following and carrying out processes, using and testing a model, measuring and recording data, di
CLASS	Relationships Gender Fluid. Cohesion project - growth mindsets, open minds, empathy and perspective.	Cohesion Project Empathy and perspective, Meta-cognition and wrap up and reflection.	Relationships Relationships, healthy relationships; relationship abuse, consent and sharing images.	Health and Wellbeing The Dove Project: Identifying learning strengths and Eating Disorders: Anorexia, Bulimia and BED (Binge Eating Disorder).	Health and Wellbeing Eating Disorders: Healthy coping strategies, student project and Managing Conflict.
Sports Studies	Sports Nutrition The impact of diet and nutrition on sports performance. The components of a balanced diet. The importance of hydration on sports performance.	Science behind Nutrition Link between different sports and nutritional requirements. The science behind nutritional intake and sports performance. How to plan a two week nutrition plan to meet the needs of a specific sports performer.	Principles of training Progression, specificity, reversibility, moderation and variance. Aerobic and anaerobic.	Fitness Testing Understand fitness tests: Cooper Run Multi stage fitness test Standing Stork, Sit and Reach Test, Ruler drop test, number of sit ups and press ups per minute.	Fitness Testing How to conduct fitness tests. Understand which test measures a component of fitness. Be able to interpret results against irrelative data and use this to make judgements on fitness.
Animal Care	Animal Husbandry	Caring Accommodation	Preparing Accommodation	Selecting appropriate Accommodation	Rules in Society

Penrith + <small>Find Your Future</small>
Summer 2
<p>Resilience esses and know yourself and your learning journey. o next steps with the aim of being more capable, independent and pared for the year 10 journey. cus on health and wellbeing (physical, mental and social).</p>
<p style="text-align: center;">Christianity Peacemaking continued. Marriage in the modern world</p> <p style="text-align: center;">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.</p>
<p style="text-align: center;">Thought for the week Visiting various topics such as Environment, Zeitgeist, Genius, Leadership, Authenticity, Demography and Fulfillment.</p>
<p style="text-align: center;">Protest Poetry Developing the skills of analysis and comparison using a range of unseen poems - including Checking Out Me History and London from the Anthology, with a focus on protest texts.</p>
<p style="text-align: center;">Inspiring Writers Developing language and structure analysis, evaluation of writers' methods, summary and comparison through exploration of texts written by writers from other cultures.</p>
<p style="text-align: center;">What Goes Up, Must Come Down Working with proportionality, dealing with direct and inverse, using proportion to work with speed.</p>
<p style="text-align: center;">Physics Forces: What forces are, gravity, elasticity. Biology Ecology: Communities, ecosystems (including fieldwork), biodiversity, carbon cycle and water cycle.</p>
<p style="text-align: center;">Physics Forces: What forces are, gravity, elasticity. Biology Ecology: Communities, ecosystems (including fieldwork), biodiversity, carbon cycle and water cycle</p>
<p style="text-align: center;">Computer systems Legal issues such as Data Protection, GDPR, Freedom of Information Act, Computer Misuse Act, Copyright, Designs and Patent Act, Creative Commons licences allowing legal file sharing.</p>
<p style="text-align: center;">Fieldwork Preparation Students prepare for a fieldtrip to Dawlish Warren then analyse their findings on return. Then evaluate the process.</p>
<p style="text-align: center;">Medicine, 1500-1700 The birth of new ideas about medicine and the growth of science, alongside its many limitations. We develop extended writing skills.</p>
<p style="text-align: center;">Future plans Your plans for work, gap-years and charitable work in the future, including a cultural focus on taking a gap year in French speaking countries</p>
<p style="text-align: center;">Future plans Your plans for work, gap-years and charitable work in the future, including a cultural focus on taking a gap year in South America.</p>
<p style="text-align: center;">Collections Explore a character of their choice from history, art or fiction with the aim of designing a 'Cabinet of Curiosity' and explore relevant artists.</p>
<p style="text-align: center;">Body as a found object Students will translate designs into sculpture and evaluate their response.</p>
<p>from birth to five years. rough play, evaluating different types of play activities.</p>
<p style="text-align: center;">SWOT and PEST Investigating situational analysis (SWOT and PEST), competitive advantages and disadvantages. Knowing how to create a situational analysis focusing on political, economic, social factors with analysis and measuring success of enterprise through market share, sales volume/value, reputation and profit.</p>
<p style="text-align: center;">Digital Animation Review Analyse strengths and weakness in a digital animation. Assess accurately how well the digital animation responses to the set brief. Suggest detailed improvements showing a clear understanding of animation techniques.</p>
<p>t's intentions, and contextual impact. Awareness of how the roles signers and movement directors.</p>
<p style="text-align: center;">Planning and cooking complete dishes Demonstrate learning in the preparation of dishes aiming for faultless speed and precision, working effectively and independently.</p>
<p style="text-align: center;">Co-ordination Co-ordination - how this contributes to success in striking and fielding games. Cricket, rounders and tennis.</p>
<p>r the Music Industry by in the use of equipment, following an accompaniment/others, stage presence) OR Composing tion (software instruments, audio editing, MIDI editing, effects, structure).</p>
<p style="text-align: center;">Motion Explore short exposure photography, including suspended motion and multiple and repeated elements. Developing digital techniques to create the same effects in photoshop.</p>
<p>Engineering Brief playing data appropriately, identifying anomalies, recognising trends, making recommendations to product.</p>
<p style="text-align: center;">Relationships Reflecting on learning skills, BROOK (sexual health and wellbeing) and YZUP (Wise Up to drugs and alcohol).</p>
<p style="text-align: center;">Fitness Training Develop fitness training programmes, using goal setting and training methods to help meet goal set.</p>
<p style="text-align: center;">Animal welfare legislation</p>