

Year 7 Curriculum Overview												
	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2	
English (Mastery)	Yr 7 students will undertake a 'Reading for Pleasure' unit alongside Literature Heritage units which will involve whole class reading of a chosen novel across the year as well as providing opportunities for students' own writing.					A Midsummer Night's Dream - Elizabethan England and family relationships, life in Athens, key characters/themes, using evidence, key vocabulary			Poetry Anthology - structure and poetic forms, literal and metaphoric language, responding to unseen texts		Ancient Tales - morality tales, multi-cultural stories, speaking and listening focus: pace, enunciation, emphasis	
	Oliver Twist - Victorian London, key characters/themes, villains/victims, topic sentences, key vocabulary											
Maths (Mastery)	Sequences - Recognising and representing.	Algebra - notation and convention, simplifying, solving linear equations, substitution	Place Value - ordering numbers incl. decimals, rounding, identifying the range and the median	FDP - representations, convert between fractions, decimals & percentages, simplify fractions, interpret pie charts	Addition, Subtraction, Multiplication & Division - mental & written methods, calculators, perimeter & area, financial maths, timetables, graphs & charts, factors, multiples, metric units of measure	Fractions & percentages of an amount - with and without a calculator	Directed Number - order, add, subtract, multiply & divide, the order of operations, negative numbers in algebra	Addition & Subtraction of Fractions - representations, equivalent fractions, mixed numbers, fractions in algebra	Geometry - draw & measure line segments & angles, identify triangles, quadrilaterals & polygons, construct triangles & polygons, draw & interpret pie charts and know & apply angle rules	Number Sense - use mental arithmetic strategies for integers, decimals & fractions, use estimation to check calculations, use factors to simplify calculations, know when to use, mental or written methods or a calculator	Sets & Probability - interpret & create Venn diagrams, know & use the language of probability, generate sample spaces, calculate the probability of a single event and use the probability scale	Primes & Proof - find & use multiples & factors, identify prime, square & triangular numbers, find the HCF & LCM of a set of numbers, prime factors, make & test conjectures and use counter examples
Year 7 groups will undertake all 6 units including biology, chemistry and physics on rotation across the year.												
Science	Biology 1 : sexual reproduction in animals - human/animal reproduction, reproductive anatomy, pregnancy/gestation, menstruation, growth and puberty, ecosystems - variation/adaptation, evolution, food chains and webs, muscles and bones - human skeleton, muscle function, the heart, effects of drugs		Chemistry 1: acids and alkalis - lab and household hazards/safety, acid/alkali behaviour, indicators, neutralisation, atoms, elements and molecules - the particle model, state change, diffusion, pressure, mixtures and separation, water purification		Physics 1: current electricity - scientific discovery, current and charge, series and parallel circuits, making measurements, forces - contact and non-contact forces, weight/mass, friction and pressure, balanced forces, springs		Biology 2 - cells, tissues, organs and systems - life processes, respiration, types of cell, cell structure/function, relationship between cells/tissues/organs, key organs, organ transplant, use of microscopes		Chemistry 2: The Particle model - arrangement and behaviour of particles in solids/liquids/gases, state changes, mixtures and separation - solutions, application of the particle model, purity, methods of separation, food testing and water safety, Brownian motion and diffusion		Physics 2: sound - transverse and longitudinal waves, detecting and using sound, the ear and echolocation, energy - energy stores/transfer, fuels, food, human energy needs, renewable and non-renewable energy	
History	How did the Normans conquer England? Reasons for victory and impact on England	Why was the impact of the Black Death even? Causes, responses, social/economic change, Peasant's Revolt	Why did Henry become the supreme head of the Church of England? Causes of the reformation and its impact		Why did England have no monarch? Causes of the Civil War and its consequences, Republic and Restoration		How did the Industrial Revolution change people's lives? Why it happened (slavery, empire providing capital) The effects on men, women and children		What was the impact of the British Empire? - what was the British Empire? Aims and experiences, how was it gained? Focus on the rule and partition of India, the scramble for Africa, Ireland, decolonisation, legacy and Commonwealth		Why did one shot start the First World War and why was it a world war? Causes of WW1 and how it was fought, experiences on different fronts	
Geography	Coasts - study of coastal landforms, sea defences, plastic pollution, local study using Perranporth beach to learn about arches, caves, stacks and stumps, dunes, impact on tourism, sketching and using fieldwork data.		Natural Hazards - varieties of hazard and how they form, e.g. tsunamis, hurricanes, earthquakes, volcanoes, case study of floods in Bangladesh, impact on humans in LICs and HICs		The UK - My Home : studying the UK; its physical and human geography plus its links with the rest of Europe. Also developing geographical skills.		Challenges and Opportunities within the UK : a focus on poverty, food waste, energy, water supply and pollution. Examines how we could live sustainably.		Rivers - study of fluvial landforms, river defences, flooding and study of Boscastle. Developing the ability to create and revise a case study.		Fieldwork - visiting Perranporth beach, content links to Coasts topic. Developing a piece of fieldwork and follow up work with a focus on landforms, sketching, map work and questionnaires.	
French	The basics - Phonics and pronunciation, greetings, classroom language, numbers/alphabet, days/months, age/birthday, <i>j'ai</i> and <i>c'est</i>		Ready to learn: Nouns and adjectives - masculine/ feminine, singular/plural, definite/indefinite articles, <i>mon/ma/mes, j'ai / il/ a/ elle a, je n'ai pas de</i> , negatives, connectives <i>et/mais</i> , hair/eye colour,		Me and my family: adjectives, descriptions and opinions - <i>c'est + adjective</i> , classroom objects, opinions, describing pets, adjective agreement and word order, comparative adjectives, intensifiers, <i>avoir</i> (to have) and <i>être</i> (to be), - describing self and others, family members, personality,		The world around me - locations, where I live, <i>à</i> and <i>dans</i> , types of home, size, rooms, countries, <i>en</i> and <i>au</i> , nationalities, adjective position and agreement		Weather and free time - <i>faire/jouer, aimer + infinitive</i> , near future, weather, complex phrases with <i>si</i> and <i>quand</i>			
RE/PSHE	The Nature of the Church - rites of passage: birth, baptism, marriage and funerals			Religious festivals - Christmas, Holy Week and Easter, Ramadan, Eid, Hanukkah			Holy books - the Bible, the Qu'ran, the Torah					
	3 x Yr 7 PSHE lessons will be delivered at the teacher's discretion throughout the year						Healthy Eating - BMI, calories, fast foods, food groups, understanding nutritional information labels on food packaging					
ICT	Introduction to secondary ICT - school system/logins, use of ICT rooms, using Microsoft programmes, sending emails		Bebras & Spreadsheets - using formulas (BODMAS), formatting, creating graphs		Internet Safety - phishing/pharming, viruses/malware, social media, netiquette		Computational Thinking - Pattern recognition in Photoshop/PPT/Paint, image adjustment		Introduction to Programming - creating animations in Flash, scratch programming language, sequencing and control			
PE	Yr 7 students will have access to a range of sports and activities throughout the year, with opportunities to develop confidence, apply physical skills and engage in cooperative and competitive activity with others.											
	Rugby, netball, gymnastics, badminton, fitness		Rugby, netball, hockey, gymnastics, badminton, handball, football		Football, hockey, badminton, gymnastics, fitness, OAA (Outdoor Adventurous Activities)		Football, hockey, badminton, gymnastics, fitness, endball		Tennis, athletics, rounders, cricket, softball		Tennis, athletics, rounders, cricket, softball	
Technology	Year 7 groups will undertake all 6 technology topics across textiles, food and product/graphic design on rotation across the year.											
	Textiles: Kite Project - responding to a design brief, sewing machine/ equipment practical skills		Textiles: felt badges - natural fibres, environmental issues, felt making, embroidery and hand sewing skills		Product design: Pencil Box - responding to a design brief, CAD/CAM, dimensioning, material properties, use of hand/machine tools		Product Design - Lego Character Design - responding to a design brief, CAD/CAM, dimensioning, material properties, use of hand/machine tools, manufacturing methods, polymers and injection moulding theory.		Food 1 : Health, safety and hygiene, healthy eating, fruit and vegetables, yeast in bread, practical skills using basic tools and equipment		Food 2 : vitamins, minerals and nutrients, conduction/convection/ radiation, eggs and milk, using tools and equipment	
Art	Portraiture: Self - observational drawing, form, tone, mark-making, scale/proportion, colour theory, colour wheel, watercolour mixing, artist studies - cultural diversity			Natural Forms: Environment - observational drawing, polyboard press printing, artist studies, zentangles, ceramic tiles			Wild Beasts: Protection and Conservation - observational drawing, context studies focused on Fauvism and conservation artists, mixed media art, print techniques, calligrams/use of phrases and poetry related to images					
Drama	The Beginnings - health and safety, expectations, staging. Teacher in role/ students in role. Key vocabulary/ storytelling. Process Drama		Tragedy : Theatre history workshops-Greek Theatre and ensemble. Shakespeare. Storytelling through tableaux and narration. Research.		Comedy and Melodrama : performance skills, Victorian language, stock characters, awareness of audience, Research		Physical skills: Slapstick/Stage combat, Comedy and its context : timing, movement/gesture/ expression		Scripted Drama : Charlie and the Chocolate Factory. Characterisation, script-reading, line learning, persuasive language		Charlie and the Chocolate Factory : Scripted performance using lighting, sound, set design	
Music	Starting to study Music : links to KS2, foundation skills including listening, performing, composing and musical analysis, singing, keyboard skills, introduction to orchestra		Rhythm and rhythm notation : musical notation, simple time signatures, dynamics, timbre, textures, World Music e.g. samba, African drumming		Melodic notation : musical structures and melody, treble clef, music over time and classical greats, e.g. Beethoven		Ostinato, hook and riffs : commercial music, artist and music management/ industry processes, famous riffs, composition		Music and storytelling 1 - programme music : exploring how emotion, character, mood, time, place etc. is conveyed aurally to tell a story		Music and storytelling 2 - Oliver! : introduction to musical theatre	