















Curiosity: The Year 8 Curriculum On A Page

<p>English</p> 	<p>Of Mice and Men: The American Dream, the Roaring Twenties and the Great Depression, characters: George, Lennie, Curley, Slim, Curley's wife, Crooks, the Jim Crow Laws, segregation, extended metaphors, falling actions, dénouement, circular narratives.</p> <p>Romeo and Juliet: Life in Elizabethan England, family feuds, fate, true love, parental figures, the tragedy of the play.</p> <p>Powerful People: Non fiction articles and speeches, poetry, powerful Gods, extracts from Neil Gaiman's 'Norse Mythology,' using superlatives, exploding quotes, visual connotations, simile, metaphor, creative writing, character, powerful villains: Miss Trunchbull and Iago, powerful women: Jane Eyre, powerful creatures: Dracula, Medusa, Mr Hyde, Frankenstein's monster, powerful groups.</p> <p>Noughts and Crosses: segregation in the US, discrimination, right and wrong, capital punishment, circular narratives.</p>	<p>Maths</p>  <p>Ratio & Scale: bar models, notation, sharing a whole into a ratio, circumference of a circle, gradient of lines as ratios. Multiplicative Change: Direct proportion, conversion graphs, currency conversion. Multiplying & Dividing Fractions. Working in the Cartesian Plane: graphs and gradients, plotting graphs, coordinates. Representing Data: graphs and tables. Tables & Probability: Finding probabilities from space/ two way tables & Venn diagrams. Brackets, Equations & Inequalities: Factorising, expanding & multiplying out brackets, inequalities, solving equations. Sequences: Generating, algebra, the nth term. Indices: Adding/ subtracting expressions with indices, simplifying expressions Fractions & Percentages: conversion, % increase & change, profit and loss, Standard Index Form: +x/ SF, positive powers of 10, standard form. Number Sense: Money, metric conversion, rounding, estimation. Angles in Parallel Lines & Polygons: Missing angle calculations, interior /exterior angles, Area of Trapezia & Circles: formulas, Pi, compound shapes. Symmetry & Reflection: Reflecting shapes on grids and lines. Data Handling Cycle: graphs & charts, diagrams, representing data. Measure of Location: mean, median, mode, frequency tables, outliers.</p>	<p>Science</p>  <p>Periodic Table: Word equations, reading the PT, displacement reactions, reactivity. Sound & Light: Waves, frequency, ultrasound, specular and diffuse reflection, refraction, white light. Speed & Pressure: (Un)balanced forces, speed calculations, velocity, distance & time. Breathing & Digestion: Anatomy, smoking, diet, enzymes. Respiration & Photosynthesis: diffusion, heart rate, plant features & structures. Chemical Energy & Reactions: Catalysts, exo- and endo-thermic reactions, chemical change. Earth's Resources & Climate: Air, greenhouse gases & effect, carbon cycle, electrolysis, fossil fuels, ores. Magnets & Electromagnetism: Magnetic fields, attract/repel, testing for magnetic metals & fields, current. Evolution & Inheritance: Chromosomes, mitosis, meiosis, characteristics, GM bacteria, species, adoption, classification, Darwin, food chains & webs, ecosystems & biodiversity. Wave Effects & Properties: Longitudinal & transverse, reflection, refraction, electromagnetic spectrum. Heating & Cooling: Work, levers & pulleys, mass, temperature, insulation.</p>
<p>Art</p> 	<p>Surrealism: Understanding the movement in terms of art history, drawing in pencil and coloured pencil, researching key concepts and characteristics of surrealism, observation, blending, colour mixing, controlling paint, Dali, Magritte, Loli, watercolour, creating a mixed media surreal piece.</p> <p>Cubism: Portrait drawing in Cubist style, using oil pastel, collage, using drawings and images to develop a response to Cubism and portraiture.</p>	<p>Computer Science</p>  <p>Data Representation: Converting, Adding binary, character set, representing images, representing sound. Networks: LAN/ WAN, transmission media, BEBRAS challenge, Internet and WWW, client server and peer, topologies. Python: Strings & variable, data types, selection, writing algorithms, while loops, searching. PowerPoint/ E-safety: Careers links, slide master, content, hyperlinks. Databases: Key terms, data miming, data types and validation, data entry forms, queries, reports.</p>	<p>D.T.</p>  <p>Textiles: Creating a 'cultural Tidy', block printing, fabric dyeing, fessellation, hand and machine sewing.</p> <p>Product Design: Creating a bug hotel, modelling development, woodworking, joints.</p> <p>Food: Seasonal food, food miles, nutrition and food groups, creating and cooking, styling dishes.</p>
<p>Drama</p> 	<p>Melodrama & Commedia: movement, gesture, proxemics, audience awareness, stereotypes. Greek Theatre: Gesture, working as a chorus, using different vocal techniques in Drama, performing some Greek Myths. Curious Incident of the Dog in the Night-time: soundscape, physical theatre, movement, difference in our society. Romeo & Juliet: stage fighting, movement, gesture, Shakesperian insults, vocals, characters from different times. War Horse: soundscape, physical theatre, puppetry, movement, characters from different times. Devising on the theme of War: Group work, frozen image, thought tracking, cross cutting, marking the moment.</p>	<p>French</p>  <p>Quel métier préférez-tu? What jobs people do, masculine and feminine versions, why they like/ dislike them and where they work. Tu es comment? Comparing people's looks and characteristics, adjectival agreement, mon/ ma/mes. Qu'est-ce que tu as dans ta trousse? School and classroom equipment, masculine and feminine nouns, colours, adjectival agreement. Qu'est-ce que tu aimes manger? Opinions and justifying opinions, types of food, adjectival agreement. Qu'est-ce que tu portes? Saying what you wear at different times, masculine, feminine, plural of clothes, colours, adjectival agreement. Le 14 juillet, la fête nationale française: history, culture, talking about festivities.</p>	<p>Geography</p>  <p>Natural Resources: Land grabbing, finite and renewable energies, the importance of fossil fuels, mining in Cornwall, geothermal energy, fossil fuels and development, job sectors and Clark-Fisher model, Britain's industrial revolution, consumption and climate change, the impact of resource consumption. Biomes: what is found inside a biome? Global patterns of biome distribution, climate, flora and fauna, food chains and food webs, tropical rainforests, managing resources, ecosystems, cold environments. World Cities: urbanisation, land use in urban areas, urban land use in Saltash, impact of urbanisation in Rio de Janeiro, how is rapid urbanisation managed? What is it like to live in the world's biggest cities? How is Japan creating more living space? Cities and globalisation.</p>
<p>German</p> 	<p>Tag der deutschen Einheit: History of East/ West Germany, culture, modal verbs, saying where you live, opinions.</p> <p>Haast du Haustiere? Pets you have/ would like, describing pets.</p> <p>Wie bist du? Comparing characteristics and looks using comparative adjectives, conjugation of 'sein,' mein/meine.</p> <p>Karneval: culture, festivities, food and drink, past tense.</p> <p>Was isst du gern (1): Types of food, opinions using gern/ lieben/ am liebsten, justifying opinions, word order with 'weil.'</p> <p>Was isst du gern (2): Saying when you eat certain foods, adverbs of time, word order- time, manner, place.</p>	<p>History</p>  <p>Charles I and the English Civil War: reasons for the civil war, key battles, weapons, the execution of the King, Oliver Cromwell, restoration of the monarchy. Enlightenment & Industrialisation: Charles' London, key changes in Britain 1750-1900, condition in England before 1883, medical developments in the Industrial period. Victorian England: Conditions in Victorian England, crime and punishment, Jack the Ripper, the slave trade, the Middle Passage. Abolition & Empire: The experience of slaves, abolition of slavery, Victorians and the British Empire.</p> <p>World War One: Different interpretations of the British Empire, why war broke out in 1914, the assassination of Franz Ferdinand, propaganda in WWI. From Fighting to Peace: Life for a Tommy in the trenches, warfare and technology, the Treaty of Versailles, life on the Home Front.</p>	<p>Music</p>  <p>Pachabel's canon: Baroque and classical music, fusion, sampling, textural devices, reading music, aural dictation of rhythms, beats in a bar. MixCraft, performing on the keyboard. Reggae: Context, MixCraft, reading music, beats in a bar, syncopation, performing 'Three Little Birds.'</p> <p>4 Chord songs: Chords I, IV, V, VI, pop music style and features, 3 chord song theory, reading music, melody lines, harmony, structure, performing as a band. World Music Tour: rhythm, syncopation, beats in a bar, rests, timbre, rhythmic devices, performing African drumming/Indian gamelan. Computer Game Music: effects, reading music, aural dictation of rhythms, beats in a bar, music technology, performing computer themes. Football Song and Samba: reading music, beats in a bar, chords, samba rhythm, composing a football chant, performing 'Waving Flag.'</p>
<p>P.D.</p> 	<p>Health & Wellbeing: Kindness, mindfulness, 1st Aid, drugs & alcohol, Living in the Wider World: The Real Game, budgeting, human rights, politics, climate change Relationships: Love, healthy relationships, consent, Online behaviour, sexting, British Values, families.</p>	<p>P.E.</p>  <p>Introduction to P.E.: Cross country- technique and pace. Fit for Life: 9 foundational movement skills(gym) Outwitting Opponents: Transferable skills (sports hall) Game Sense: Make the right decisions(football, rugby, netball.) My Personal Best: How to beat your PB(athletics) Sense of Community: Respond, adapt and change(rounders, softball, cricket.)</p>	<p>R.E.</p>  <p>Being a Muslim teenager in Britain: Muhammed, the 5 pillars, Halal & Haram, the Mosque, morality.</p> <p>The Multicultural Society: Being British, asylum seekers, challenges of multiculturalism, religion & politics, cohesion, the Bristol Bus Boycott.</p> <p>How People in Cornwall Express Spirituality Through Art: the spirit, identity, John Wesley, Christian poetry, exploring painting, spirited arts.</p>