
















Opportunity: The Year 9 Curriculum On A Page

<p>English</p> 	<p>Animal Farm: Examining the plot of the novel, Orwell's politics, metaphor, Russian revolution, propaganda, dystopian themes, defection, characterisation, doublespeak, irony and allegory. Love and Relationships Poetry: Exploring a range of challenging poems that deal with the complexity of relationships. Students will have the chance to reflect on what it is to be human, and they will continue to develop their abilities to analyse poetry. Powerful Voices: Voices against racism, slavery, emancipation, 'Uncle Tom's Cabin,' 'Heart of Darkness,' Black Lives Matter, religious & ethnic conflict, climate change, gender equality and class conflict. Spoken Language Presentation: Researching, writing and delivering a speech on climate change, inequality in society or school uniform.</p>	<p>Maths</p>  <p>Basic Number: Real-life problems, x/ with decimals, factors and prime numbers, prime factors, negatives, Angles: triangles, parallel lines, regular polygons, quadrilaterals, scale drawings and bearings. Algebraic manipulation: factorisation, expansion, quadratic factorisation, change of subject. Fractions: =-x/ fractions, fractions on a calculator, percentages. Ratio & Proportion: Direct proportion, best buys, foreign exchange, compound interest, reverse percentage. Linear equations. Transformations, Constructions & Loci: Congruent triangles, rotational symmetry, transformations, bisectors, plans and elevations Powers: Standard form, estimating powers and roots, negative and fractional powers. Number & Sequences: the nth term, patterns. Length, Area & Volume: Circumference, area of trapezium, sectors, volume of 3d shapes. Linear graphs: gradient of lines, finding the equation of a line from its graph, real life uses, simultaneous equations.</p>	<p>Science</p>  <p>Maths Skills: averages, data, sig figures/ standard form, %s and fractions, graphs, formulas, equations. Practical Skills: Attitudes, skills, investigations, analysis and evaluation. Atomic Structure & Periodic Table: Elements & compounds, word equations, fractional distillations, separating mixtures, models of atoms, charges and masses of sub-atomic particles, isotopes, electron structure, properties of elements in the Periodic Table, oxides, metals, boiling points, reactions, the Haber process. Cells: cell parts & functions, calculating magnification, cell cycle, types of cell, respiration, binary fusion, mitosis. Energy: calculating energy, energy loss & transfer. Structures & Bonding: electrons in bonding, different types of bond, change in state, small molecules, melting points, electrons, polymers, alloys, structure of graphene, nano dimensions. Photosynthesis: organelles, diffusion, plant structures, transpiration.</p>
<p>Art</p> 	<p>Art History: Creating a poster and booklet on a chosen artist, researching their work, focusing on their favourite pieces of work, facts about the artist and associated movement, creating a piece of work in the style of their chosen artist. Identity: Designing and creating a cube model, where each face is represents something about your identity. Themes to include: name, favourite artist, logo, favourite food, hobby, free choice.</p>	<p>Computer Science</p>  <p>Algorithms: Linear search, binary search, bubble sort, insertion sort. Python: PRIMM- Print, PRIMM- Input, PRIMM- If, PRIMM- Loop, PRIMM- Blending. Cyber Security: You and your data, protecting yourself online, social engineering, script kiddies, rise of the bots. HTML & CSS: website building blocks, careers links, words are not enough, taking shortcuts, searching the web, tightening the web, navigating the web. Back to the Future: Alan Turing, codebreaking, Tim Berners-Lee & WWW, George Boole- Logic, Charles Babbage.</p>	<p>D.T.</p>  <p>Textiles: Creating a device case, injection moulding, 3D printing, pattern making, machine and hand sewing. Product Design: Creating a lantern, woodworking, electronics. Food: dietary groups and food practices, food choices, different cuisines, creating and cooking dishes.</p>
<p>Drama</p> 	<p>Francis Asylum (Too much Punch for Judy.) Marking the moment, improvisation, solo work, drinking & laughing, tragedy, death & destruction. Gangs/ Riots: theatre in education, flashback/ flash forward, using music in theatre, Shakespearean insults, performing a piece on rival gangs. Devising- Social Media: gesture & sound effects, soundscapes, choral speaking, levels, emotions, characters, using the poem 'Look Up,' by Gary Turk, creating a performance about social media. Girls Like That: proxemics, frozen image, physicality, spatial relationships, choral speaking, gesture, levels, creating a performance. Blood Brothers: movement, gesture, tableau, cyclical plots, improvisation, script work, action, vocals, cross-cutting Soap Operas: Script work, characterisation, working on accents and stereotypes.</p>	<p>French</p>  <p>Qu'est-ce que tu fais pendant ton temps libre? Saying what you play, what you do and where you go, using time phrases, au/ à la/ aux/ du/ de la/ de l' Qu'est-ce que tu fais, quand il fait beau? Using adverbial phrases with quand, saying what you play, what you do, where you go, au/ à la/ aux/ du/ de la/ de l' C'est quoi, ta routine journalière? Telling the time, saying what you do at different points of the day, reflexive verbs, present tense verbs. C'est comment, ta maison? Describing your house, using adjectives. Paris: Culture and history, the past tense, Race Across Europe! Researching and planning a trip to a French- or German –speaking country.</p>	<p>Geography</p>  <p>Rivers and Glaciation: Erosion, transportation, deposition, change in rivers from source to mouth, river landforms, floods, glacial landforms, worldwide distribution of ice, glacial movement, advancing and retreating glaciers. Superpowers and Global Governance: Maps, power and politics, superpowers, physical and political landscape of Russia, growth of America, China and its borders, China's power, what will happen in the Arctic? Climate change. Living with Natural Hazards: Structure of the Earth, plate tectonics, plate boundaries, volcanoes, earthquakes, effects of earthquakes, responses to earthquakes.</p>
<p>German</p> 	<p>Was trägst du gern? Saying what you wear and when, accusative case, colours, word order with time phrases, word order with 'wenn.' Wohnstadttraditionen: Christmas markets, German cities (Nuremberg) festivities, modal verbs, future tense, food and drink. Was machst du, wenn das Wetter gut ist? Talking about what you do in your free time, word order with time phrases, word order with 'wenn' Wann stehst du auf? Talking about daily routine, using reflexive verbs, using separable verbs, word order with time phrases, telling the time, recapping numbers. Wie ist dein Haus? Describing your house, dative case prepositions. Race Across Europe! Researching and planning a trip to a French- or German –speaking country.</p>	<p>History</p>  <p>20th Century Political Ideas: the Suffragettes, Emily Davison, women and the vote in 1918, ideologies post WWI, Communism: theory vs reality. Hitler & Life in Nazi Germany: Origins of the Weimar Republic, opposition to the Treaty of Versailles, Hitler's rise to power in 1933, the Nazi party, terror in Nazi Germany, women and the youth in Nazi Germany, the rise of Anti-Semitism. The Holocaust: Antisemitism from 1939 onwards, Auschwitz, survivor's accounts, Schindler's List. World War Two: Hitler's foreign policy, the League of Nations, appeasement, was Hitler to blame for WWII? Life on the Home Front: the Blitz, Dunkirk. The Cold War: Pearl Harbour, the dropping of the atomic bomb on Hiroshima and Nagasaki, the ideological divide, the arms race. Cold War Conflict: The Cuban Missile Crisis, Vietnam, the significance of the Berlin Wall.</p>	<p>Music</p>  <p>The Blues: reading music, swung rhythms, 7th chords, beats in a bar, improvisation, composing with MixCraft, performing 'Jackass Blues' and 'Grease Lightning.' Latin America: Classical and pop music from Latin America, reading music, major and minor 7th chords, beats in a bar, rhythmic devices, 3:2 clave rhythms, composing own melody line, performing 'Havana' and 'Arriba.' Queen and 70's 80's rock: Reading music, chords, instrument timbre and techniques, composing riffs, performing a song by Queen. Minimalism: Reading music, major and minor 7th chords, beats in the bar, syncopation, 3:2 clave rhythms, using MixCraft, composing own melody line, performing 'Tubular Bells.' Brit pop and 1990s: reading music, chords, instrument timbre and techniques, composing chord sequences, performing 'Wonderwall' by Oasis. Looping / Band work / solo work: Own choice of final project: Song writing, film music, music tech, world music or musicals.</p>
<p>P.D.</p> 	<p>Health & Wellbeing: Self- review, rules, selfie-obsessed, vaping, drugs, anxiety. Living in the Wider World: Knife crime, young offenders, the law, consumer rights, avoiding debt, careers and options, Relationships: British Values, PREVENT, protected characteristics, abuse, keeping safe online, managing conflict, pornography, FGM, contraception, abortion, pregnancy, marriage, different relationships, parenting, STI's, peer pressure.</p>	<p>P.E.</p>  <p>Introduction to P.E.: Cross country- technique and pace. Fit for Life: Principles of training(gym) Outwitting Opponents: Employability skills(sports hall) Game Sense: Communication & Teamwork(football, rugby, netball.) My Personal Best: Performance profile (athletics) Sense of Community: Take responsibility (rounders, softball, cricket.)</p>	<p>R.E.</p>  <p>How Far Does it Make a Difference if you Believe in Life After Death? Belief in the beyond, afterlife in different religions, destiny. Why is There Suffering and are There any Good Solutions? Suffering in the Bible, the problem of evil, the Buddha and suffering, animals and ethics, making sense of suffering. Should Happiness be the Purpose of Life? What is happiness? Christianity & happiness, Buddhism & happiness, A Bhikkhu's life, Secular ideas of happiness.</p>