

Blast off! The Year 7 Curriculum On A Page

<p>English</p> 	<p>English Literary Timeline: What is a timeline? What is literature? The culture and key works from the Renaissance, Romantic and Victorian periods will be studied and students will learn how to annotate grammatical and stylistic features within a text. The Tempest: An introduction to Shakespeare, Prospero's characterisation, development of plot, characters, staging and theatre. Frankenstein: An introduction to the Gothic genre, revenge, setting and atmosphere, villains, character, reflection and morals: what does it mean to be human? Animal Poetry: how can poetry be powerful? Nature in literature, poetic structure and devices, metaphor, imagery. Students will be exploring the poems 'To the Sea,' 'The Sandpiper,' 'The Squirrel,' 'Hawk Roosting' 'Vultures,' and 'Hyena.' Dystopian Worlds: Warnings about the future, oppression, descriptions, dystopian fiction, creating a dystopian text. Students will explore extracts from 'Ready Player One,' 'The Hunger Games,' '1984,' and 'the Lottery.'</p>	<p>Maths</p>  <p>Sequences: number, picture, linear, missing terms. Place Value & Ordering: large numbers, number lines, scales, decimals, rounding, range. Algebraic Notation: Function machines, expressions, inequalities. Equality & Equivalence: fact families, equations, like and unlike terms, simplifying. Fractions, Decimals & % Equivalence: converting, fractions on diagrams, improper fractions. Application of Number: perimeters, frequency trees, metric unit conversion, highest common factors, lowest common multiples. Directed Number & Fractional Thinking: negatives, BODMAS/ BIDMAS, adding & subtracting fractions. Lines & Angles: drawing with a protractor, pie charts, missing angles, parallel angle rules. Reasoning with Number: mental maths, Venn diagrams, probability, prime factors. 2D shapes: areas, circumference. Transformations: symmetry, reflection, rotation, translations, enlargement. 3D shapes: nets, volumes.</p>	<p>Science</p>  <p>Particles & Separating Mixtures: solids, liquids, gases, distillation, crystallisation, elements & compounds. Cells & Movement: Life processes, plant and animal cells, structures in the human body. Gravity & Contact Forces: mass and weight, orbits of planets, friction, balanced force. Variation: Genetic and environmental characteristics, environmental adaption, survival. Interdependence: Food chains & webs. Metals, Acids & Alkalis: reactivity series, magnetic metals, word equations, pH, neutralisation. Current, Voltage & Resistance: drawing circuits, calculating resistance, current, series & parallel circuits. Human and Plant Reproduction: parts of a flower, pollination, fertilisation, human reproductive systems, menstrual cycle, foetal development. Energy Costs and Transfers: KJ, Kw, KwH, electricity generation, energy sources, transfer of energy. Sounds & Light: Waves, wavelength, amplitude, frequency, transmission, absorption, reflection, diffusion.</p>
<p>Art</p> 	<p>Drawing: Observation studies, materials and processes, line drawing, tone, shape, mark making, shading, drawing still life objects. Colour: hot & cold colours, the colour wheel, pencil application, painting technique, complementary colours, Michael Craig Martin / Matisse's' use of colour, composition using Michael Craig Martin or Matisse as inspiration.</p>	<p>Computer Science</p>  <p>Systems, Email & E-safety: Logging in / Using Office 365, composing and sending emails, staying safe online, password security. Computational Thinking: Decomposition, pattern recognition, BEBRAS challenge, abstraction, flowcharts. Inside a Computer: Input- Process, IPO parts and accessible CPU, RAM /ROM. Microbit Coding: Programming, coding, algorithms, Micropython. Spreadsheets: Getting to know a spreadsheet, quick calculations, collecting primary and secondary data.</p>	<p>D.T.</p>  <p>Textiles: sustainability issues within the fashion industry, creating work using sewing machines along with other hand skills. Product Design: creating a small storage design solution, card models, basic woodworking skills to create a prototype. Food: health and safety in the practical area, kitchen equipment and how to use them correctly, creating and cooking a variety of dishes.</p>
<p>Drama</p> 	<p>Intro to Drama: Tableau, gesture, facial expression. creating a character, improvisation. Inside Out: Use of emotion, theatre skills, drama devices, character, soundscapes, Shakesperian insults, vocals. The Tempest: Scripts, forms and structure of plays. Alice in Wonderland: Props, space, devising drama, thematic drama, improvisation, proxemics, staging. Silent Movies: mime, physical theatre, proxemics, audience awareness. The Arrival: Devising drama, creating a role, group work, frozen image, marking the moment.</p>	<p>French</p>  <p>Quel âge as-tu?: introducing yourself, numbers, name and age in the 1st and 3rd person. C'est quand, ton anniversaire? Saying when your birthday is in 1st and 3rd person. Tu es comment? Describing hair and eyes in the 1st and 3rd person. Où habites- tu? Saying where you live and come from, countries, describing your house. Tu peux décrire ta famille? family members; their ages; how you get on with them; counting to 100; describing yourself and another family member and saying why you like/ dislike them. As-tu un animal? Pets you have/ would like, describing pets, un/une, 'de' with the negative. La Francophonie: countries and culture in the French speaking world.</p>	<p>Geography</p>  <p>South West Physical Landscapes: Waves & tides along the coast, processes along the coast, processes breaking down the coast, map skills, erosional and depositional coastal landforms, coastal management, the South West's mighty tors, the formation of Dartmoor, contour lines, maps, the South West pledge. Development: How is development measured? LICs, NGOs, populations, SDGs, poverty. Tectonic Hazards: Natural hazards, volcanoes, earthquakes, managing hazards.</p>
<p>German</p> 	<p>Willkommen! German phonics, counting, basic greetings and introductions. Wie alt bist du? Name and age in 1st and 3rd person. Wann hast du Geburtstag? Saying when your birthday is in 1st and 3rd person. Wie siehst du aus? Describing hair and eyes in the 1st and 3rd person. Wo wohnst du? Saying where you live and come from, describing your house. Wie ist deine Familie? Describing family members; their ages; how you get on with them; counting to 100; describing yourself and another family member and saying why you like/ dislike them.</p>	<p>History</p>  <p>Medieval England: Who Cares? 1066, the Battle of Stamford Bridge, the Battle of Hastings. The Power & Importance of the Church: Control over England: Feudal system, Domesday, Harrying of the North, Motte & Bailey castles, role of the Church, the murder of Thomas Becket. Surviving Medieval England: The Crusades, Richard I and Saladin as leaders, the Black Death. Henry VIII and the Reformation: Catholicism and Protestantism, Henry VIII and his wives, why did Henry break from Rome? The consequences of the Reformation. Elizabeth I: Life in Elizabethan England, Elizabeth's problems with power, Mary Queen of Scots, the origins of the British Empire, Francis Drake. Invasion and Conspiracy: The Spanish Armada, Guy Fawkes and the Gunpowder Plot.</p>	<p>Music</p>  <p>Introduction to music : reading music in treble clef, aural dictation rhythms, notes on a keyboard, parts of an orchestra, performing 'Ode to Joy' and 'Für Elise.' Vocals: Reading treble and bass clef music, beats in a bar, vocal timbres, singing in unison, composing a rap, performing songs for carol concert. Film Music: chromatic notes, sharps/ flats, instruments, melody, performing 'James Bond' theme. Composing on Mixcraft. Sea Shanties: major and minor chords, basic guitar skills, features of folk music, modal scales, performing 'Drunken Sailor' Pop Chords: Chords I,IV,V, guitar, drums, keyboards and vocals, chords, performing 'Wild Thing' as a band. Rhythm and Percussion: Learning how to drum using, body percussion, drum kit and other percussion instruments.</p>
<p>P.D.</p> 	<p>Health & Wellbeing: Building relationships, aspirational learners, self-esteem, our school, TEAM values, healthy lifestyles, food groups, food labels, eating responsibly, diet & nutrition, vaping, energy drinks, mental health, what are drugs? Puberty, hygiene, Living in the Wider World: budgeting money, financial transactions, wants vs needs, social media and privacy, stereotyping & prejudice, six principles of careers, Relationships: good vs toxic friendships, healthy relationships, love, dealing with new feelings, bullying or banter? Stopping bullying, cyberbullying, personal identity & diversity.</p>	<p>P.E.</p>  <p>Introduction to P.E.: Cross country- technique and pace. Fit for Life: Health related components of fitness (gym) Outwitting Opponents: Skill related components of fitness (sports hall) Game Sense: Engagement- skills in games (football, rugby, netball.) My Personal Best: Achieving your PB (athletics) Sense of Community: Building relationships (rounders, softball, cricket.)</p>	<p>R.E.</p>  <p>What is good and what is challenging about being a Jewish teenager in the UK today? Torah and the Chosen People, Jewish identity and Covenant, young Jews in the UK, living Judaism, anti-Semitism, Jewish diversity, How are Sikh teachings on equality and service put into practice today? Guru Nanak, the Gurdwara, Seva, Vaisakhi, Sikh identity, Naam Karan, a Sikh path, life as a young Sikh in the UK, the 10 Gurus. What is so radical about Jesus? Did Jesus exist? Images of Jesus, Jesus and the Outcasts, the parables of Jesus: The Prodigal Son and The Good Samaritan, Jesus and the Pharisees.</p>