

Year 8 Curriculum Plan

Subject	Autumn Term		
Computing	Introduction to databases	How ICT is used in shops	Online safety
English	<i>Shakespeare's Heroes and Villains</i> Students will study a range of heroic and villainous characters such as Romeo, Hamlet and Portia		<i>Conflict Through Time</i> Students will follow timeline of conflict, looking at a range of significant events in history to write a range of non-fiction texts
Geography	<i>Fantastic Places: South America</i> Tackling western perception of South America with a focus on the global issue of deforestation in the Amazon		
History	The Monarchy, Church and Power: Tudors	The Monarchy, Church and Power: Stuarts, Civil War to the United Kingdom	
Maths	Algebraic expressions Solving equations	Sequences. Number and arithmetic	Angles and shape Ration and proportion
Physical Education	Sports	Football, netball, handball	Cross country health and fitness
	PE Theory	Muscular systems and types of movements	
Science	<i>Human Organs</i> Students study balanced diets, digestion and enzymes. Breathing, respiration and heart/lung health topics are also included	<i>Acids & Alkalis</i> Acids, Alkalis and indicators feature in this module. Students also design a neutralisation investigation to compare antacid remedies	<i>Pressure & Motion</i> This is a mixed module covering pressure in solids, liquids and gases as well as the principles of levers. Students then study speed-distance-time graphs and acceleration
Spanish	Las vacaciones – Past holidays	La tecnología – Opinions of mobile phone, music and T.	Understanding a T.V. guide

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Subject	Spring Term			
Computing	Developing skills with binary numbers		Audio-visual project including websites and HTML	
English	<i>Whole class reading/study of 'Animal Farm'</i> Students will study the social, political and historical context of George Orwell's Animal Farm and read the full novel			
Geography	<i>Fantastic Places: North America</i> Explore North America's geographical landscapes, with a particular focus on water insecurity, current socio/politico disputes and extreme events e.g. Hurricane Katrina.		<i>Fantastic Places: Ice World</i> A focus on the UK's ice history, further exploring life in the Arctic circle and the challenges/opportunities within.	
History	World Study: Precolonial America – Native peoples of America and impact of colonisation.		Expansion and Empire – Elizabeth and wars with Spain Spanish Conquest of Mexico and the Aztecs	
Maths	Constructions with compasses	Fractions and percentages. Probability	Formulas Powers	Perimeter, area and volume
Physical Education	Sports	Rugby, handball, basketball		Gymnastics, dance, field hockey
	PE Theory	The structure and function of the skeletal system		Handball, table tennis, gymnastics multiskills
Science	<i>Variation & Evolution</i> This module introduces students to DNA and genetics, including genetic engineering. Students also study adaptations to hot and cold environments, natural selection and extinction		<i>Earth's Resources</i> The three types of rock and the rock cycle are studied, linking to work undertaken in Geography. Students then study reactivity of metals, displacement and extraction of metals. Production of CO ₂ by humans and climate/recycling issues conclude this module	
	Benefits of warm-ups/cool downs and the effects of exercise			
Spanish	La comida - mealtimes, ordering in a restaurant, shopping for food		Making plans to go out and preparing to go out	Talking about sporting events

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Subject	Summer Term			
Computing	Further programming with python			
English	<i>Protest Poetry</i> Students will study a range of protest poems developing skills to understand, explain and analyse poets' work.		<i>Fractured Fairy Tales</i> Students will read a range of fractured fairy tales and analyse how they are crafted in order to develop their own creative writing skills	
Geography	<i>Fantastic Places: Ice World</i> A focus on the UK's ice history, further exploring life in the Arctic circle and the challenges/opportunities within		<i>Fantastic Places: Amazing Asia</i> Exploring Asia's social/physical geography in Asia; from political conflicts, climate change, energy problems to tectonic disasters.	
History	Expansion and Empire – Elizabeth and wars with Spain Spanish Conquest of Mexico and the Aztecs		Continuity and Change 1500-1900 Ordinary Lives – from daily life to the impact of the Industrial Revolution	
Maths	Multiples, factors, primes	Geometric relationships Graphs and equations	Units and Scales Transformations	Scatter diagrams and averages
Physical Education	Sports	Athletics		Striking and Fielding, tennis
	PE Theory	The cardiovascular and respiratory system		The principles of training
Science	<i>Electricity & Magnetism</i> Static electricity and electrical circuits in series and parallel are taught first. Students then investigate magnetic fields, electromagnets and how motors work		<i>Interdependence</i> This module is about ecology. Students study the ecosystem around them and the interdependence of organisms. Energy flow through food chains including toxic food webs and decay follow on. Predator and prey populations finish off the topic	
Spanish	Summer - Describe a holiday home; directions and places in town		Describe a World Trip	Summer camps and ¡Fiesta

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Creative Carousel	Carousel 1	Carousel 2
Art	<p><i>Typography</i> Students will look towards branding and packaging, focusing upon three dimensional shapes and lettering, learning the one-point perspective technique. They will be introduced to the Australian graphic artist Dan Fleming inspiring designs to produce a confectionary package utilising their newfound skill set.</p>	<p>Looking at Art as more of an expressive environmentally concerned campaign, students will create a sculptural piece based around the contemporary London-based artist Ben Wilson.</p>
Design Technology	<p><i>Development of D & T principles</i> Designers and Design styles (Raymond Templier, Coco Chanel and Art Deco), Woods & manufactured board, CAD (3D) / CAM, Marking out & manufacturing using different processes.</p>	<p><i>Development of D & T principles</i> Development sketching and communication for individual designs (manufacturing plans), realising of designs unique to them, independent working using a greater range of tools and equipment.</p>
Drama	<p><i>Soap Opera, introduction to working with a script</i> Students will take on a variety of stock characters and will have to physicalize and vocalize differences for an audience. Students will learn lines, consider the importance of clarity of stage directions and learn how to implement them.</p>	<p><i>Developing and staging a script with the introduction of movement theatre</i> Students will focus on extracts from scripts and taking them from 'page to stage' Students will be expected to maintain physical and vocal characterisation as well as be off script. They will also learn how to devise their own movement theatre and choral speaking</p>
Food Technology	<p><i>Development of Food Knowledge:</i> 4 C's of Food Safety and Food Poisoning Food Provenance – Investigating where food comes from and how it is reared. Food Choices. Different farming methods/standards (Free Range, Fair Trade, Organic) Food Miles Investigating how we can reduce food miles Pupils will carry out paired cooking and produce a variety of savoury and sweet snacks</p>	<p><i>Development of Food Knowledge:</i> Food Allergies Investigating the importance of labelling and the difference between allergies and intolerance and substitutes Food Labelling What the Law requires us to provide Food Packaging and the Environment Pupils will carry out paired cooking and produce a variety of savoury and sweet snacks</p>

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<p>Music</p>	<p><i>Chords</i> Students will be introduced to chords on the keyboard and will compose and perform a variety of music. They will play rock rhythms on drum pads and develop their ensemble skills, with small group performances of popular music. They will extend their knowledge of music notation.</p>	<p><i>Band skills</i> Focusing on the necessary vocal and practical skills to perform in their own bands. Students will sing, perform keyboard parts, learn a variety of rhythmic backings on drum pads and develop basic guitar techniques, to facilitate high quality band performances</p>
<p>RE</p>	<p><i>Islam</i> Exploring the history, beliefs and practices of Islam and the importance of Islam in the modern world.</p>	<p><i>The Big Questions</i> Exploring ultimate questions surrounding the nature of God and the existence of the universe.</p>