



Year 5 Curriculum Overview 2018 – 2019

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Subject/Topic	Dark Ages	European Explorers	Lost in Space	Material Madness	Location, Location, Location	Circle of Life
Hook Day and Independent Project	Dressing up as Saxons/Vikings Create an Anglo Saxon settlement Saxon/Viking workshop	Airport customs, passport control, boarding a plane Make an European poster in groups, taste European food National Gallery Trip – observing the works of European artists	Solar System activity on the field Decorate classrooms Learn rap Create a rocket Space dome or Science museum	Investigating a range of materials in different states Design a new chocolate based bar and its packaging and ingredients Chocolate workshop	Create a presentation/booklet about the local area Create a tourist guide on the history of the local area Field study of local area	Baby pictures – guess the baby Range of games – animals and their offspring matching Matching animals to country of origin Linked with computing – create an animation about animal life cycle in the style of The Hungry caterpillar Workshop Zoolab (Chicks in Reception)
Maths	Number and place value Decimals Number – addition and subtraction Measurement Geometry – angles Using and applying to be embedded in every domain.	Statistics Measurement – reading scales, capacity, line graphs Mental methods – multiples, factors and prime numbers, square numbers Number- fractions, percentages and	Number – negative numbers, number sequences Number – mental strategies for addition and subtraction, using and estimating and inverse to check Number - mental written multiplication Geometry – translation and angles	Mental and written division – common factors problems solving Measurement – liquid and solid volume Fractions – understand the difference between liquid volume – including capacity and solid volume	Place value – up to 1, 000000 and 3dp Fractions – proper and improper, equivalent fractions Measures – 12 and 24 hour clock and timetables Addition and subtraction – multistep problems	Measures – metric and imperial Area and volume of shape Written calculations multiplication and division – up to 4 digits Using and applying to be embedded in every domain.



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		<p>decimals</p> <p>Geometry – position and direction, perimeter of composite rectilinear shapes</p> <p>Using and applying to be embedded in every domain.</p>	<p>Using and applying to be embedded in every domain.</p>	<p>Geometry – comparing and classifying shapes</p> <p>Using and applying to be embedded in every domain.</p>	<p>Using and applying to be embedded in every domain.</p>	
English (Writing Genre)	<p>Diary</p> <p>Descriptive writing</p> <p>Myths and Legends</p>	<p>Fact file on a European Country</p> <p>Traditional Stories from other Cultures</p> <p>Persuasive writing</p>	<p>Newspaper report</p> <p>Descriptive language – poetry</p> <p>Informal letter writing</p>	<p>Information text: Fair trading</p> <p>Persuasive letter</p> <p>Descriptive writing</p>	<p>Information text Henry VIII</p> <p>Historical story</p> <p>Explanation text: Pulley</p>	<p>Explanation texts – life cycles</p> <p>Biography of David Attenborough</p> <p>Information leaflet</p>
Science	History/Geography focussed topic	Geography focussed topic	<p>Earth and space</p> <p>forces</p>	<p>Properties of changes of materials</p> <p>Reversible and irreversible changes</p>	Forces – levers and pulleys	<p>All living things – life cycles of plants and animals</p> <p>Animals including humans – birth to old age</p>
History	<p>Vikings</p> <p>Britain's settlement by Anglo Saxons and Scots</p>	Geography focussed topic	Science focussed topic		Local History study – the local area through the ages Henry VIII	Science focussed topic



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	The Viking and Anglo Saxon struggle for the kingdom of England to the time of Edward the Confessor					
Geography	Place names and surnames related to Saxons and Vikings	Climate zones, biomes and vegetation belts. Rivers and mountains. Use maps, atlases, globes and digital/computer mapping.	Latitude and longitude, time zones, day and night	Fair trade. Where products are produced. Human geography: trade links and distribution of natural resources.	Local geography – field study Human and physical geography	
Music						
Art	Anglo Saxon art and culture; design jewellery Create sketch books to record observation – use to review and revisit ideas.	European Artists study	Create images responding to music. Create group piece of work in style of Chagall – paints/sketches/charcoal Create sketch books to record observation – use to review and revisit ideas. To develop techniques	Design own fair trade logo Research and design own product packaging Create sketch books to record observation – use to review and revisit ideas.	Observational sketching	Patterns/beauty in nature – creating sketches/watercolours/sculptures of natural objects/plants Create sketch books to record observation – use to review and revisit ideas. To improve mastery of drawing and painting. About great artists – Andy Goldsworthy



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			of painting and drawing with creativity.			
DT	Making Anglo-Saxon jewellery from independent project. Use materials according to their functional properties.	European food design	Rocket building – look into structures	Research/design own product packaging for chocolate bar		
Computing	<p>DI e-safety intro</p> <p>CS – Gaming Unit Intro to Coding: One Hour of Code http://learn.code.org/ Stages 9,10,11 Create a Computer Game</p> <p>Espressocoding.co.uk http://learn.code.org/ Espressocoding.co.uk J2Code</p> <ul style="list-style-type: none"> Solve problems by decomposing them into smaller parts Use selection in programs Work with variables Use logical reasoning to explain how some simple algorithms work Use logical reasoning to detect and correct errors in algorithms <p>Be discerning in evaluating digital content</p>	<p>IT and DI Creating a website about e-safety</p> <ul style="list-style-type: none"> Combine a variety of software to accomplish given goals Select, use and combine software on a range of digital devices Design and create systems Understand the opportunities computer networks offer for collaboration Be discerning in evaluating digital content 	<p>CS Controlling Robots NXT MINDSTORMS</p> <ul style="list-style-type: none"> Understand computer networks, including the internet Appreciate how search results are ranked 	<p>IT iMovie and Digital Music</p> <ul style="list-style-type: none"> Combine a variety of software to accomplish given goals Select, use and combine software on a range of digital devices Analyse data (main focus) Evaluate data (main focus) Design and create systems 	<p>CS and DI E-Safety Coding using HTML/CSS: Web Design</p> <ul style="list-style-type: none"> Solve problems by decomposing them into smaller parts Use selection in programs Work with variables Use logical reasoning to explain how some simple algorithms work Use logical reasoning to detect and correct errors in algorithms Understand the opportunities computer networks offer for collaboration <p>Be discerning in evaluating digital content</p>	<p>IT Blogging</p> <ul style="list-style-type: none"> Combine a variety of software to accomplish given goals Select, use and combine software on a range of digital devices Design and create systems Understand the opportunities computer networks offer for collaboration Be discerning in evaluating digital content



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PE						
RE	Judaism- Key People	Judaism – writings, approaches to life (Yom Kippur)	Judaism – Places, Purim	Christianity - Places	Islam – approaches to life	Islam – approaches to life
MFL	<p>Revision – Dans ma ville</p> <p>Revise days/months Numbers Ville (shops) Directions</p>	<p>Bonne Journee</p> <p>Describe the weather Describe my daily routine</p>	<p>Les Animaux</p> <p>Pets/zoo/farm animals (adjectives to describe them/likes and dislikes) habitats</p>	<p>On fait la cuisine</p> <p>Food items Likes and dislikes on food items Le petit - déjeuner</p>	<p>Ma famille est folle</p> <p>Family members Physical/character description Comparisons</p>	<p>J’adore les sports</p> <p>Hobbies Likes and dislikes about hobbies French outside Pe</p>
PSHE	<p>Being me in my world</p> <p>Work based around settling into a new year group.</p> <p>Establishing class routines, rules, learning environment.</p>	<p>Dreams and goals</p> <p>I can explain the differences between direct and indirect types of bullying</p> <p>I know some ways to encourage children who use bullying behaviours to make other choices and know how to support children who are being bullied</p>	<p>Celebrating Difference</p> <p>I can describe the dreams and goals of a young person in a culture different from mine</p> <p>and can reflect on how these relate to my own</p>	<p>Healthy Me</p> <p>I can describe the different roles food can play in people's lives and can explain how people can develop eating problems (disorders) relating to body image pressures</p> <p>I respect and value my body</p>	<p>Relationships</p> <p>I can explain how to stay safe when using technology to communicate with my friends</p> <p>I can recognise and resist pressures to use technology in ways that may be risky or cause harm to myself or others</p>	<p>Changing me</p> <p>I can describe how boys' and girls' bodies change during puberty</p> <p>I can express how I feel about the changes that will happen to me during puberty</p>
Links/Multi Cultural/Global/Citizenship						