



Year 5 long term plan 2020-2021.

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<ul style="list-style-type: none"> Non-Chronological report Historical narratives 	<ul style="list-style-type: none"> Persuasive texts Adventure narratives Poetry that conveys an image 	<ul style="list-style-type: none"> Poem - metaphor Mystery and suspense stories 	<ul style="list-style-type: none"> Explanations Formal writing 	<ul style="list-style-type: none"> Newspaper articles Fictional biography 	<ul style="list-style-type: none"> Significant poem Letter Arguments
Maths	<ul style="list-style-type: none"> Place value Addition and subtraction 	<ul style="list-style-type: none"> Multiplication and Division Line graphs and time tables Prime numbers 	<ul style="list-style-type: none"> Fractions 	<ul style="list-style-type: none"> Decimals Percentages 	<ul style="list-style-type: none"> Angles Shapes Position and direction 	<ul style="list-style-type: none"> Converting measures Perimeter and area Measure and volume
Science	<p style="text-align: center;"><u>Forces</u></p> <ul style="list-style-type: none"> Investigate gravity and air resistance by designing, creating and launching rockets and parachutes Design, create and make boats that are streamlined against water resistance Explore the concept of friction, using newton meters Discover Isaac Newton's role in explaining gravity 	<p style="text-align: center;"><u>Properties and Changes of Materials</u></p> <ul style="list-style-type: none"> Apply knowledge of solids, liquids and gases to decide how mixtures might be separated Discover that some changes are reversible and some are not Collect water from different sources in our local environment and make own filters Test a variety of materials based on their properties 		<p style="text-align: center;"><u>Animals, including humans</u></p> <ul style="list-style-type: none"> Research the changes the human body goes through from birth to old age Create a timeline to illustrate the stages of human growth Compare gestation periods of different mammals 	<p style="text-align: center;"><u>Living Things and their habitats</u></p> <ul style="list-style-type: none"> Compare the difference in the life cycles animals found in our local area to the life cycles of animals found in Mexico and Brazil Discover the life process of reproduction in some plants and animals 	<p style="text-align: center;"><u>Earth, Moon and the Sun</u></p> <ul style="list-style-type: none"> Create a human model of the solar system on the playground Explore how shadows change in length as the relative position of the sun changes throughout the day Debate different historical views about the structure of the solar system
History	<p style="text-align: center;"><u>Anglo Saxons</u></p> <ul style="list-style-type: none"> Explain the Roman withdrawal from Britain in c AD 410 Explore why the Anglo Saxons invaded Britain - choose from a range of potential areas to invade Create models of Anglo Saxon homes and villages Plan an Anglo-Saxon settlement, giving reasons for the choices that have been made Research and present what life was like for an Anglo- 		<p style="text-align: center;"><u>Vikings</u></p> <ul style="list-style-type: none"> Research and explain the Viking and Anglo-Saxon struggle for England Explore interactive resources to plan a Viking raid Explain the resistance by Alfred the Great and Athlestan, first King of England Place events and historical figures on a timeline to 		<p style="text-align: center;"><u>Mayan Civilisation</u></p> <ul style="list-style-type: none"> Discover where the Mayan civilisation lived Research what life was like for different Mayan people Explain the different farming techniques used and why farming was so important to the Mayan people Investigate what achievements the Mayan people had Explore Mayan beliefs and gods 	

	Saxon person		show the change over time in Britain from Ad410 to King Athlestan		
Geography	<ul style="list-style-type: none"> Name and locate the countries of North America Identify the main physical and human characteristics of a country in North America and compare these characteristics to Warwickshire Write own instructions using 8 point 4 figured grid reference Follow and read maps using 8 point 4 figured grid reference 		<ul style="list-style-type: none"> Name and locate the countries of South America Identify the main physical and human characteristics of a country in South America (Brazil) and compare these characteristics to Warwickshire Investigate local area by collecting fieldwork samples of the river Create a map of the local area using an 8 point 4 figured grid reference 		<ul style="list-style-type: none"> Investigate the different uses of the Amazon river and explain the impact of deforestation/logging Analyse and give views on the effectiveness of different maps when studying the Amazon river Identify the cities where different Mayan Kings ruled in Mexico Identify the main physical and human characteristics of a country in North America (Mexico) and compare these characteristics to Warwickshire
Art	<ul style="list-style-type: none"> Explore the work of Claude Monet and re-create one of his paintings 		<ul style="list-style-type: none"> Create a painting of the river in our local environment in the style of Monet 	<ul style="list-style-type: none"> Design and make a ceramic collage of Brazil street art 	<ul style="list-style-type: none"> Use a range of sewing techniques to produce a wall hanging of the different Mayan Gods Plan and make a chilli con carne using produce from the school garden Enterprise project School summer fete
DT		<ul style="list-style-type: none"> Enterprise project Christmas fair 	<ul style="list-style-type: none"> Find out about why Charles Mackintosh is a significant designer 	<ul style="list-style-type: none"> Make a moving toy using cams 	<ul style="list-style-type: none"> Make a chilli con carne using produce from the school garden Enterprise project School summer fete Enterprise project School summer fete Make a shelter to sleep under the stars
Computing	<ul style="list-style-type: none"> e-safety Create a flowchart algorithm for a spelling rule 	<ul style="list-style-type: none"> Identify relevant information that can be used for repeated instructions 	<ul style="list-style-type: none"> Decide using comparisons the best way to sort simple data 	<ul style="list-style-type: none"> Explore the use of encryption through music 	<ul style="list-style-type: none"> Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs Compare chilli con carne recipes to spot patterns and identify common steps
Music	<ul style="list-style-type: none"> Learn and perform three part rounds Sing Christmas choruses with more than one part Sing with expression and explore cultural context of music 		<ul style="list-style-type: none"> Basic theory Identify and label the different notes used in treble clef Understand correct terminology for rhythmic notation 		<ul style="list-style-type: none"> Showing awareness of pitch, tempo and dynamics in music through composing music for Flanimals
RE	<ul style="list-style-type: none"> Why do some people think God exists? 	<ul style="list-style-type: none"> If God is everywhere, why go to a place of worship? 	<ul style="list-style-type: none"> What would Jesus do? (Can we live by the values of Jesus in the twenty-first century?) Visit from a person who worships the Jewish faith 		<ul style="list-style-type: none"> What does it mean to be a Muslim in Britain today?

PHSE	<ul style="list-style-type: none"> • Taking care project • School council representatives- Understanding democracy- diversity of faith and beliefs • Communication skills • Role models- Significant figures in British history • Climate change 	<ul style="list-style-type: none"> • Different types of friends • Diversity • Anti- bullying • E Safety and cyber bullying • Bonfire safety • Peer pressure • Risk taking- Smoking, drinking alcohol, drugs • Enterprise project Christmas fair 	<ul style="list-style-type: none"> • Future goals: employment , university, college • Qualities of successful people • Earning money • Value for money • Poverty UK and worldwide 	<ul style="list-style-type: none"> • Standing out from the crowd- unique, diversity, choices we make • Difference of opinion • Fairness and responsibility - global perspective • Discovering democracy -law making and debate 	<ul style="list-style-type: none"> • Stereotyping and judgement • Forgiveness • Supporting each other • Different types of relationships 	<ul style="list-style-type: none"> • How to cope with change • Setting new goals and aiming high • Community voice- Local government • Enterprise project School summer fete
French	<ul style="list-style-type: none"> • Ma famille 	<ul style="list-style-type: none"> • Pets - labelling and describing animals 	<ul style="list-style-type: none"> • Home - where do they live? 	<ul style="list-style-type: none"> • Description - their own appearance 	<ul style="list-style-type: none"> • School + opinions 	<ul style="list-style-type: none"> • Hobbies
Educational Visits		<p>Anglo-Saxon visit</p> <p>11 b4 11 good deed: sing Christmas carols in our community</p> <p>Gurdwara visit</p>	<p>11 b4 11 ride a big animal</p>	<p>Local river walk linked to Science</p>	<p>National Space Centre</p>	<p>11 b4 11 sleep under the stars</p>
Class texts:	<ul style="list-style-type: none"> • Holes • Kensuke's Kingdom • Floodland • Indian in the Cupboard • War Horse 					