



## Year 3 long term plan 20210-2022

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2				
<b>English</b>	<ul style="list-style-type: none"> <li>Stories inspired by reading</li> <li>Recounts</li> <li>Poetry</li> </ul>	<ul style="list-style-type: none"> <li>Non Chronological reports</li> <li>Instructions</li> <li>Adventure stories</li> </ul>	<ul style="list-style-type: none"> <li>Poetry</li> <li>Playscripts</li> <li>Recounts</li> </ul>	<ul style="list-style-type: none"> <li>Non-chronological reports</li> <li>Stories with mythical characters and events</li> </ul>	<ul style="list-style-type: none"> <li>Formal and informal letters</li> <li>Write stories where children have been</li> <li>Poetry</li> </ul>	<ul style="list-style-type: none"> <li>Biography</li> <li>Adventure stories inspired by reading</li> </ul>				
<b>Maths</b>	<ul style="list-style-type: none"> <li>Place Value</li> <li>Number facts</li> <li>Comparing Numbers</li> <li>Estimation</li> <li>Addition</li> </ul>	<ul style="list-style-type: none"> <li>Subtraction</li> <li>Multiplication</li> <li>Division</li> <li>Perimeter</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Inverse Operations</li> <li>Fractions</li> <li>2D Shape</li> <li>Angles</li> </ul>	<ul style="list-style-type: none"> <li>Measurement Length</li> <li>Measurement Time</li> <li>Roman Numerals</li> <li>Measurement Weight</li> </ul>	<ul style="list-style-type: none"> <li>3D Shape</li> <li>Measurement Capacity</li> <li>Multiplication</li> <li>Addition</li> <li>Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>Statistics</li> <li>Division</li> <li>Inverse Operations</li> <li>Place Value</li> <li>Comparing Numbers</li> </ul>				
<b>Science</b>	<p style="text-align: center;"><u>Rocks</u></p> <ul style="list-style-type: none"> <li>Research how rocks are formed and group and describe them by their properties</li> <li>Discover how the Earth is made of rock</li> <li>Understand how fossils are formed</li> <li>Investigate what rock is best for making a structure (permeability/strength)</li> <li>Discover the significance of rock as a building material (visit to quarry)</li> <li>Explore the local environment to compare rocks and their purposes</li> </ul>		<p style="text-align: center;"><u>Magnets</u></p> <ul style="list-style-type: none"> <li>Understand how magnets have 2 faces which attract and repel and the force can act at a distance</li> <li>Discover which materials are magnetic around school</li> <li>Compare and investigate how some coins are magnetic</li> <li>Investigate and predict when magnets will attract or repel</li> <li>Explore the strength of different magnets</li> <li>Investigate which coins are magnetic</li> <li>Create a magnetic crane linked to DT</li> </ul>		<p style="text-align: center;"><u>Animals</u></p> <ul style="list-style-type: none"> <li>Identify the main parts of the body and explain their functions</li> <li>Group animals with and without skeletons</li> <li>Explain why humans and some other animals have skeletons</li> <li>Compare and contrast the diets of different animals</li> </ul>		<p style="text-align: center;"><u>Plants</u></p> <ul style="list-style-type: none"> <li>Research the main parts of plants</li> <li>Explore what a plant needs to grow</li> <li>Investigate the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal</li> <li>Explain pollination and seed dispersal</li> <li>Investigate best conditions for plant growth</li> <li>Discover how food is transported through a plant</li> <li>Observe growth over time and apply growth data mathematically</li> <li>Investigate roots.</li> </ul>		<p style="text-align: center;"><u>Light and Shadow</u></p> <ul style="list-style-type: none"> <li>Discover how light is emitted from the sun and is reflected from different surfaces</li> <li>Investigate how shadows are formed when light is blocked and how they change</li> <li>Compare how shadows change throughout the day</li> </ul>	
<b>History</b>	<ul style="list-style-type: none"> <li>Explore how the use</li> </ul>	<ul style="list-style-type: none"> <li>Research historical</li> </ul>	<u>Ancient Greek Olympics</u>		<u>Stone Age to Iron Age</u>					

	of rocks has changed over time	volcanic eruptions throughout the world	<ul style="list-style-type: none"> <li>• Create a time line of significant events</li> <li>• Research and compare historical facts of ancient and modern Olympics</li> <li>• Use a range of sources to interpret and evaluate Ancient Greek Olympics</li> <li>• Use historical enquiry skills on artefacts found in Ancient Greek vase</li> <li>• Discover how the Ancient Greeks demonstrated democracy and how this impacts on Britain today</li> <li>• Re-tell the legend of Pheidippides and the battle of Marathon in 490BC</li> <li>• Create a sculpture of an Ancient Greek Vase</li> <li>• Organise and compete in own AG Olympics</li> </ul>		<ul style="list-style-type: none"> <li>• Investigate range of artefacts from pre-history cave paintings</li> <li>• Create a time line of significant events relating to the Stone Age and Iron Age</li> <li>• Discover what things were made of stone/bronze/iron and impact on everyday life</li> <li>• Research bronze age religion.</li> <li>• Create a Stone Henge model</li> </ul>	
<b>Geography</b>	<ul style="list-style-type: none"> <li>• Explain what tectonic plates are and how they have changed over time</li> <li>• Research feature of a Volcano</li> <li>• Explore online simulations of Volcanic eruptions</li> <li>• Discover what causes and what happens in a volcanic eruption</li> <li>• Research Volcanoes of Greece using atlas and recording facts</li> <li>• Explore the impact of volcanoes on humans</li> <li>• Explore volcanic islands around the globe</li> </ul>		<ul style="list-style-type: none"> <li>• Locate mountain ranges on a world map</li> <li>• Identify different mountain types</li> <li>• Recognise how hills and mountains are represented on a 2D map</li> <li>• Identify animals and vegetation in mountain regions</li> <li>• Explore the positives and negatives of tourism on a mountainous region</li> </ul>	<ul style="list-style-type: none"> <li>• Explore and locate 7 continents and 5 oceans</li> <li>• Identify countries of Europe</li> <li>• Research Key facts about Greece Describe and understand key aspects of human and Physical geography</li> </ul>	<ul style="list-style-type: none"> <li>• Discover and explore the Stone Age settlement at Flag Fen (Peterborough)</li> </ul>	
<b>Art</b>	<ul style="list-style-type: none"> <li>• Create a fossil sculpture in clay</li> </ul>		<ul style="list-style-type: none"> <li>• Research Quentin Blake</li> <li>• Create a Watercolour Wonka</li> </ul>		<ul style="list-style-type: none"> <li>• Create a flower by using a range of sewing techniques from observations of flowers</li> </ul>	<ul style="list-style-type: none"> <li>• Research artist Andy Warhol</li> <li>• Create pop art of the Iron Man</li> <li>• Create cave paintings</li> </ul>
<b>DT</b>	<ul style="list-style-type: none"> <li>• Find out about the significant designer William Wilkinson</li> </ul>	<ul style="list-style-type: none"> <li>• Enterprise project Christmas fair</li> <li>• Create an erupting volcano</li> </ul>	<ul style="list-style-type: none"> <li>• Create a magnetic crane using cogs and pulleys to lift a magnetic object</li> </ul>	<ul style="list-style-type: none"> <li>• Cook vegetable and chicken kebabs and Greek dips</li> </ul>	<ul style="list-style-type: none"> <li>• Design and make mini greenhouses</li> </ul>	<ul style="list-style-type: none"> <li>• Enterprise project School summer fete</li> </ul>
<b>Computing</b>	<ul style="list-style-type: none"> <li>• Esafety</li> </ul> <p><b><u>We are bug fixers</u></b></p>	<p><b><u>We are communicators</u></b></p> <p>Learn how email works and gain skills in using email. Be</p>	<p><b><u>We are network engineers</u></b></p> <p>Understand physical</p>	<p><b><u>We are opinion polsters</u></b></p> <p>Understand some elements of survey design.</p>	<p><b><u>We are presenters</u></b></p> <p>Gain skills in shooting live video. Edit videos, including narration and</p>	<p><b><u>We are programmers</u></b></p> <p>Create an algorithm for an animated scene in the</p>

	Develop a number of strategies for finding errors in programs. Increase knowledge and understanding of scratch. Recognise a number of common types of bug in software.	aware of broader issues surrounding email, including 'netiquette' and e-safety. Experience video conferencing.	hardware connections necessary for computer networks to work. Understand some features of internet protocols. Understand some diagnostic tools for investigating network connections. Develop a basic understanding of how domain names are converted to IP addresses	Understand some ethical and legal aspects of online data collection. Use the web to facilitate data collection. Use charts to analyse data and interpret results.	understand the qualities of effective videos.	form of a storyboard. Write a program in Scratch to create the animation. Correct mistakes in the animation.	
<b>PE</b>	<ul style="list-style-type: none"> <li>Gymnastics</li> <li>Tag rugby</li> </ul>	<ul style="list-style-type: none"> <li>Sports hall athletics</li> <li>Tag rugby</li> </ul>	<ul style="list-style-type: none"> <li>Dance</li> <li>Football</li> </ul>	<ul style="list-style-type: none"> <li>Outdoor adventurous activities</li> <li>Netball</li> </ul>	<ul style="list-style-type: none"> <li>Tennis</li> <li>Athletics</li> </ul>	<ul style="list-style-type: none"> <li>Cricket</li> <li>Athletics</li> </ul>	
<b>Music</b>	<ul style="list-style-type: none"> <li>Developing singing to project voice clearly</li> <li>Sing in round form</li> <li>Call and response</li> <li>Sing Christmas choruses</li> <li>Sing with expression and explore cultural context of music</li> </ul>		<ul style="list-style-type: none"> <li>Learn and perform a piece of Samba music</li> <li>Compose own call and response</li> </ul>		<ul style="list-style-type: none"> <li>Learn and play medium level glockenspiel pieces (three blind mice) using swing and triplet rhythm and drones</li> <li>Learn and identify the different notes used in treble clef</li> </ul>		<ul style="list-style-type: none"> <li>Demonstrate the use of a melodic ostinato using vocals</li> <li>Create own melodic ostinato using Roald Dahl characters (Harry Potter)</li> <li>Learn and perform Animal Fair</li> </ul>
<b>RE</b>	<ul style="list-style-type: none"> <li>What does it mean to be Christian in Britain today?</li> </ul>	<ul style="list-style-type: none"> <li>What does it mean to be Christian in Britain today?</li> <li>Write explanation of Lakshmi's footprints</li> </ul>	<ul style="list-style-type: none"> <li>What do different people believe about God?</li> <li>Chinese New Year - Cinquain</li> </ul>	<ul style="list-style-type: none"> <li>Why are festivals important for religious communities?</li> </ul>	<ul style="list-style-type: none"> <li>Why do people pray?</li> </ul>	<ul style="list-style-type: none"> <li>Why is the bible so important for Christians today?</li> <li>Rev. Wilkinson visit</li> </ul>	
<b>PHSE</b>	<ul style="list-style-type: none"> <li>Taking care project</li> <li>Pressures I may face</li> </ul>	<ul style="list-style-type: none"> <li>Enterprise project</li> <li>Christmas fair</li> <li>Great friends think alike</li> </ul>	<ul style="list-style-type: none"> <li>Looking after me</li> </ul>	<ul style="list-style-type: none"> <li>People in our community</li> </ul>	<ul style="list-style-type: none"> <li>We are family</li> </ul>	<ul style="list-style-type: none"> <li>Enterprise project</li> <li>School summer fete</li> <li>First aid</li> </ul>	
<b>French</b>	<ul style="list-style-type: none"> <li>Bonjour and Name</li> <li>Colours</li> </ul>	<ul style="list-style-type: none"> <li>Numbers</li> </ul>	<ul style="list-style-type: none"> <li>Pencil Case Items</li> <li>Months</li> </ul>	<ul style="list-style-type: none"> <li>Numbers</li> <li>How old are you?</li> </ul>	<ul style="list-style-type: none"> <li>Hair and Eyes</li> <li>Festivals</li> </ul>	<ul style="list-style-type: none"> <li>Body Parts</li> <li>Animals</li> </ul>	

<b>Class assemblies</b>	<ul style="list-style-type: none"> <li>• Understanding rules and laws- democratic society</li> <li>• Working cooperatively</li> <li>• Our school, values</li> <li>• What does it mean to be 'British'? Do we all share the same values?</li> <li>• Learning dispositions- secrets of success</li> </ul>	<ul style="list-style-type: none"> <li>• The importance of friends</li> <li>• Bullying</li> <li>• Managing anger and emotions</li> <li>• Keeping safe in my local area-Laws protect communities</li> <li>• Bonfire safety</li> <li>• eSafety</li> </ul>	<ul style="list-style-type: none"> <li>• Setting a goal</li> <li>• Determination and perseverance</li> <li>• Characteristics of successful people</li> <li>• Discovering democracy- Identify key women in politics over time</li> <li>• Jobs at home and school- aspirations</li> </ul>	<ul style="list-style-type: none"> <li>• What is mental health?</li> <li>• Celebrating key life events</li> <li>• Positive and unwelcome changes- how we cope with situations</li> <li>• What does it mean to be healthy- food/ lifestyle?</li> </ul>	<ul style="list-style-type: none"> <li>• Living and working cooperatively</li> <li>• Contributing to society- the jobs people do.</li> <li>• Your Similarities and differences</li> <li>• Feeling good about achievements, diversity, unique qualities</li> <li>• Standing up for your beliefs</li> <li>• Fair trade and global awareness</li> </ul>	<ul style="list-style-type: none"> <li>• Saving energy - what can we do?</li> <li>• Charity work - Global awareness-</li> </ul>
<b>Educational Visits</b>	<ul style="list-style-type: none"> <li>• Cemex</li> </ul>	Keeping safe in our local area	<ul style="list-style-type: none"> <li>• London Theatre</li> </ul>	Greek visit	<ul style="list-style-type: none"> <li>• St Andrews Church</li> </ul>	<ul style="list-style-type: none"> <li>• Observational drawing of flowers and art work at Ryton Organic Gardens</li> <li>• 11 b4 11 good deed: make clay flower in pot to send to our neighbours to say thank you</li> </ul>
<b>Class texts:</b>	<ul style="list-style-type: none"> <li>• Charlie and the Chocolate Factory</li> <li>• The Iron Man</li> <li>• The Iron Woman</li> <li>• Ice Palace</li> <li>• The Abominables</li> <li>• Varjack Paw</li> </ul>					