



# Year 4 Long Term Plan

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2				
<b>English</b>	<ul style="list-style-type: none"> <li>Character description</li> <li>Poem</li> <li>Persuasive advert</li> </ul>	<ul style="list-style-type: none"> <li>Legend</li> <li>Instructions</li> </ul>	<ul style="list-style-type: none"> <li>Discussion</li> <li>Formal letter</li> </ul>	<ul style="list-style-type: none"> <li>Adventure story</li> <li>Explanation</li> </ul>	<ul style="list-style-type: none"> <li>Recount – diary</li> <li>Non-chronological report</li> <li>Setting description</li> </ul>	<ul style="list-style-type: none"> <li>Historical story</li> <li>Recount – newspaper report</li> </ul>				
<b>Maths</b>	<ul style="list-style-type: none"> <li>Place Value</li> <li>Addition and Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>Area</li> <li>Multiplication and division</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication and division</li> <li>Length and perimeter</li> <li>Fractions</li> </ul>	<ul style="list-style-type: none"> <li>Fractions</li> <li>Decimals</li> </ul>	<ul style="list-style-type: none"> <li>Decimals</li> <li>Money</li> <li>Time</li> </ul>	<ul style="list-style-type: none"> <li>Shape</li> <li>Statistics</li> <li>Position and direction</li> </ul>				
<b>Science</b>	<p style="text-align: center;"><b><u>States of Matter</u></b></p> <ul style="list-style-type: none"> <li>Compare and group materials – <i>solid, liquid and gas</i></li> <li>Compare the difference in the particles of solids, liquids and gases</li> <li>Investigate the cooling and heating of chocolate and ice</li> <li>Compare the different states that water can be</li> <li>Investigate the effect of temperature on the process of evaporation using wet towels</li> <li>Investigate the role of evaporation and condensation in the water cycle using cress</li> </ul>		<p style="text-align: center;"><b><u>Electricity</u></b></p> <ul style="list-style-type: none"> <li>Research how and why electricity occurs</li> <li>Discover common appliances that run on electricity</li> <li>Research how to stay safe when using electricity</li> <li>Construct a simple series electrical circuit, identifying and naming its basic parts</li> <li>Investigate whether or not a lamp will light in a simple series circuit</li> <li>Investigate common conductors and insulators</li> <li>Recognise that a switch opens and closes a circuit and associate this every day appliances</li> </ul>		<p style="text-align: center;"><b><u>Animals including humans</u></b></p> <ul style="list-style-type: none"> <li>Research the functions of the basic parts of the digestive system in humans</li> <li>Compare the different types of teeth in humans and their functions</li> <li>Investigate how different liquids affect our teeth</li> <li>Create and compare a variety of food chains</li> </ul>		<p style="text-align: center;"><b><u>All Living Things</u></b></p> <ul style="list-style-type: none"> <li>Research how living things can be grouped in a variety of ways</li> <li>Compare vertebrates by their similarities and differences</li> <li>Explore invertebrates found in the local environment</li> <li>Create tables and classification keys showing the characteristics of living things</li> <li>Use classification keys to identify living things in the local and wider environment</li> <li>Explore changes and dangers in the local habitat</li> <li>Discover how environments can change and how this can affect habitats</li> </ul>		<p style="text-align: center;"><b><u>Sound</u></b></p> <ul style="list-style-type: none"> <li>Explore how sounds are made through vibration</li> <li>Explore how high and low sounds are created</li> <li>Explore musical instruments, and how they change pitch</li> <li>Recognise that vibrations from sounds travel through a medium to the ear, by making string telephones</li> <li>Investigate the best material for absorbing sound</li> </ul>	
<b>History</b>	<p style="text-align: center;"><b><u>Ancient Egypt</u></b></p> <ul style="list-style-type: none"> <li>Develop an understanding of daily life during the Ancient Egyptian era</li> <li>Explain the importance of the mummification process</li> <li>Use a range of sources to discover a range of Ancient Egyptian achievements</li> </ul>			<p style="text-align: center;"><b><u>Roman Empire and the impact on Britain</u></b></p> <ul style="list-style-type: none"> <li>Learn about the Roman Empire and military</li> <li>Investigate the invasion of Britain including the significance of Hadrian's wall</li> <li>Compare the attempted invasion by Julius Caesar and the successful invasion and</li> </ul>						

	<ul style="list-style-type: none"> <li>Use historical sources to learn about the Ancient Egyptian writing and number systems</li> </ul>		conquest by Claudius <ul style="list-style-type: none"> <li>Discover why the Romans built new roads in Britain, know where some of the main roads ran from and to and know how the roads were made</li> <li>Investigate how the Roman Empire affected Britain</li> <li>Compare the different perspectives during the resistance of Queen Boudicca</li> <li>Research the religious beliefs of the Romans</li> <li>Discover what the Roman Baths were and know about the different amenities they contained</li> </ul>			
<b>Geography</b>	<u><b>CHINA</b></u> <ul style="list-style-type: none"> <li>Research key aspects of physical geography, including: earthquakes</li> <li>Research key aspects of human geography</li> <li>Investigate continents and countries of the world</li> <li>Compare China's physical features, eg Yangtze River, Gobi Desert, Himalayas, Mount Everest, Chengdu Grasslands and Yellow River</li> <li>Research information about earthquakes</li> <li>Compare tectonic plates around the world</li> <li>Research The Great Tangshan earthquake</li> </ul>		<ul style="list-style-type: none"> <li>Discover the physical process which leads to a tsunami</li> <li>Research the impact of a tsunami on the human and physical geography</li> <li>Identify Egypt on a map</li> <li>Compare physical and human features</li> <li>Research land use – River Nile</li> </ul>		<ul style="list-style-type: none"> <li>Research key aspects of physical geography, eg land use</li> <li>Investigate maps</li> </ul>	
<b>Art</b>	<u><b>Sculpture</b></u> <ul style="list-style-type: none"> <li>Study the artist Andy Goldsworthy</li> <li>Investigate the local environment during an art walk to make a piece of art in the style of Andy Goldsworthy</li> <li>Design and create outdoor sculpture with natural materials</li> <li>Create an Andy Goldsworthy inspired Christmas card with natural materials</li> </ul>		<u><b>Drawing and painting</b></u> <ul style="list-style-type: none"> <li>Create an Ancient Egyptian landscape in watercolour and drawing medium of choice</li> </ul>		<u><b>Drawing and mosaic</b></u> <ul style="list-style-type: none"> <li>Design and create a Roman mosaic</li> </ul>	
<b>DT</b>	<u><b>Significant designers</b></u> <ul style="list-style-type: none"> <li>Find out why Tim Berners-Lee is a significant designer</li> </ul>	<u><b>Food</b></u> <ul style="list-style-type: none"> <li>Make Chinese stir fry using seasonal produce</li> </ul>	<u><b>Textiles</b></u> <ul style="list-style-type: none"> <li>Design, make and evaluate a bag for life</li> </ul>		<u><b>Mechanics</b></u> <ul style="list-style-type: none"> <li>Design and make a Roman catapult</li> </ul>	
<b>Computing</b>	Esafety Programming	Animation adventures	Presenting data	Advertising	Making a quiz	Desktop publishing
<b>PE</b>	<ul style="list-style-type: none"> <li>gymnastics</li> <li>tag rugby</li> </ul>	<ul style="list-style-type: none"> <li>dodgeball</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>Explore composition using rhythms</li> <li>Singing Christmas choruses with more than one part</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 with improvisation, solos and small group performances</li> </ul>		<ul style="list-style-type: none"> <li>Part singing (harmony)</li> <li>Identify and perform the different notes used in treble clef</li> </ul>	

<b>RE</b>	<ul style="list-style-type: none"> <li>• What does it mean to be a Hindu in Britain today?</li> </ul>		<ul style="list-style-type: none"> <li>• What can we learn from religions about deciding what is right and wrong?</li> </ul>	<ul style="list-style-type: none"> <li>• Why is Jesus inspiring to some people?</li> </ul>	<ul style="list-style-type: none"> <li>• Why are festivals important to religious communities?</li> </ul>	<ul style="list-style-type: none"> <li>• Why do some people think that life is like a journey and what significant experiences mark this?</li> </ul>
<b>PHSE</b>	<ul style="list-style-type: none"> <li>• Taking care project</li> <li>• My feelings and me</li> </ul>	<ul style="list-style-type: none"> <li>• Enterprise project</li> <li>• Christmas fair</li> <li>• Responsible me</li> </ul>	<ul style="list-style-type: none"> <li>• Respecting the individual</li> </ul>	<ul style="list-style-type: none"> <li>• Managing myself and my behaviour</li> </ul>	<ul style="list-style-type: none"> <li>• Collective responsibility</li> </ul>	<ul style="list-style-type: none"> <li>• Enterprise project</li> <li>• School summer fete</li> <li>• Puberty</li> </ul>
<b>French</b>	<ul style="list-style-type: none"> <li>• Greetings</li> </ul>	<ul style="list-style-type: none"> <li>• Numbers</li> <li>• Months</li> </ul>	<ul style="list-style-type: none"> <li>• Days of the week</li> </ul>	<ul style="list-style-type: none"> <li>• Colours</li> </ul>	<ul style="list-style-type: none"> <li>• Clothes</li> </ul>	<ul style="list-style-type: none"> <li>• Family</li> </ul>
<b>Class assemblies</b>	<ul style="list-style-type: none"> <li>• School council representatives</li> <li>• democracy and parliament</li> <li>• Our school values</li> <li>• What does it mean to be a pupil at Riverside?</li> <li>• Having opinions- Positive and negative stereotypes about 'Britishness'? Where do they come from?</li> <li>• Learning dispositions- secrets to success</li> </ul>	<ul style="list-style-type: none"> <li>• Friendships</li> <li>• Diversity and difference and our value of friendship</li> <li>• Anti- bullying</li> <li>• eSafety</li> <li>• Bonfire safety</li> <li>• Peer pressure- how to solve difficult situations</li> </ul>	<ul style="list-style-type: none"> <li>• Aiming high, aspirational targets</li> <li>• Qualities of successful people</li> <li>• Wishes, hopes and dreams- all aspects of life</li> <li>• Discovering democracy- Understanding the relationship between the houses of Parliament and the Monarch</li> </ul>	<ul style="list-style-type: none"> <li>• Understanding our mental health</li> <li>• Positive changes to lead a healthy lifestyle</li> <li>• Managing emotions in different situations.</li> </ul>	<ul style="list-style-type: none"> <li>• Recognising and challenging prejudice</li> <li>• Stereotypes</li> <li>• Celebrating difference and diversity</li> <li>• Taking responsibility home, school and our community.</li> </ul>	<ul style="list-style-type: none"> <li>• How are we all connected- local and global</li> <li>• Awareness of global charities and their role</li> <li>• Local community, council, voting and debating, having a say in our future. The importance of democracy</li> <li>• Climate change</li> </ul>
<b>Educational Visits</b>	Local art walk	11 b4 11 good deed: card to community members	Museum Visit	11 b4 11: Flashmob	11 b4 11 good deed: read to older people	
<b>Class Texts</b>	<ul style="list-style-type: none"> <li>• Harry Potter and the Philosopher's Stone</li> <li>• The Demon Headmaster</li> <li>• Charlotte's Web</li> <li>• Pax</li> </ul>					