



Year 4 Long Term Plan

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<ul style="list-style-type: none">LettersNon-chronological reportPoems that convey an image	<ul style="list-style-type: none">Stories inspired by readingInstructions	<ul style="list-style-type: none">BiographyMystery and suspense stories	<ul style="list-style-type: none">Persuasive writingRecount	<ul style="list-style-type: none">Write stories set in places pupils have beenWriting formally	<ul style="list-style-type: none">ExplanationsSignificant poem
Maths	<ul style="list-style-type: none">Place ValueAddition and Subtraction	<ul style="list-style-type: none">AreaMultiplication and division	<ul style="list-style-type: none">Multiplication and divisionLength and perimeterFractions	<ul style="list-style-type: none">FractionsDecimals	<ul style="list-style-type: none">DecimalsMoneyTime	<ul style="list-style-type: none">ShapeStatisticsPosition and direction
Science	<u>States of Matter</u> <ul style="list-style-type: none">Explore and group materials and writing definitions of their stateCompare the difference in the particles of solids, liquids and gasesInvestigate the weight of carbon dioxide in fizzy drinksInvestigate the melting point of chocolateCompare the different states that water can beInvestigate the effect of temperature on the process of evaporation using wet towelsInvestigate the role of evaporation and condensation in the water cycle using cress		<u>Electricity</u> <ul style="list-style-type: none">Research how and why electricity occursDiscover common appliances that run on electricityResearch how to stay safe when using electricityConstruct a simple series electrical circuit, identifying and naming its basic partsInvestigate whether or not a lamp will light in a simple series circuitInvestigate common conductors and insulatorsRecognise that a switch opens and closes a circuit and associate this every day appliances	<u>Animals including humans</u> <ul style="list-style-type: none">Research the functions of the basic parts of the digestive system in humansCompare the different types of teeth in humans and their functionsInvestigate what causes tooth decay using eggsCreate and compare a variety of food chains	<u>All Living Things</u> <ul style="list-style-type: none">Research how living things can be grouped in a variety of waysCompare vertebrates by their similarities and differencesExplore invertebrates found in the local environmentCreate tables and keys showing the characteristics of living thingsExplore changes and dangers in the local habitatDiscover how environments can change and how this can affect habitats	<u>Sound</u> <ul style="list-style-type: none">Explore how sounds are made through vibrationExplore how high and low sounds are createdExplore musical instruments, and how they change pitchRecognise that vibrations from sounds travel through a medium to the ear, by making string telephonesInvestigate the best material for absorbing sound
History	<ul style="list-style-type: none">Research the historical significance of Great Wall of ChinaResearch the Great Tangshan Earthquake		<u>Ancient Egypt</u> <ul style="list-style-type: none">Explore the achievements of the earliest civilizationsDiscover ancient Egyptian life by looking at artefactsCompare the daily lives of ancient Egyptian peopleExplore the mummification process used by the ancient EgyptiansResearch the discovery of the tomb of TutankhamunResearch ancient Egyptian writing systemsCompare and contrast the powers of different		<u>Roman Empire and the impact on Britain</u> <ul style="list-style-type: none">Research the Roman Empire and military mightInvestigate the invasion of Britain including the significance of Hadrian's wallCompare the attempted invasion by Julius Caesar and the successful invasion and conquest by ClaudiusDiscover why the Romans built new roads in Britain, know where some of the main roads ran	

			<ul style="list-style-type: none">Egyptian godsCreate a timeline of Ancient Egypt	<ul style="list-style-type: none">from and to and know how the roads were madeInvestigate how the Roman Empire affected BritainCompare the different perspectives during the resistance of Queen BoudiccaResearch the religious beliefs of the RomansDiscover what the Roman Baths were and know about the different amenities they containedExplore Hadrian's Wall		
Geography	<u>CHINA</u> <ul style="list-style-type: none">Research key aspects of physical geography, including: earthquakesResearch key aspects of human geographyInvestigate continents and countries of the worldCompare China's physical features, eg Yangtze River, Gobi Desert, Himalayas, Mount Everest, Chengdu Grasslands and Yellow RiverResearch information about earthquakesCompare tectonic plates around the worldResearch The Great Tangshan earthquake		<ul style="list-style-type: none">Discover the physical process which leads to a tsunamiResearch the impact of a tsunami on the human and physical geographyIdentify Egypt on a mapCompare physical and human featuresResearch land use - River Nile		<ul style="list-style-type: none">Research key aspects of physical geography, eg land useInvestigate maps	
Art	<ul style="list-style-type: none">Create a Chinese Cherry Blossom painting using a range of different brush techniques	<ul style="list-style-type: none">Investigate the local environment during an art walk to make a piece of art in the style of Andy Goldsworthy	<ul style="list-style-type: none">Study the artist Andy GoldsworthyDesign and create sculptureCreate an Ancient Egyptian landscape in watercolourDesign and create ancient Egyptian hieroglyphs		<ul style="list-style-type: none">Design and create a Roman mosaic	<ul style="list-style-type: none">Enterprise projectSchool summer fete
DT	<ul style="list-style-type: none">Find out about the significant designer Tim Berners-Lee	<ul style="list-style-type: none">Cook a Chinese stir fryEnterprise projectChristmas fair - sewing focus	<ul style="list-style-type: none">Design and make a light up sign using a series circuit		<ul style="list-style-type: none">Design and make a Roman catapult	<ul style="list-style-type: none">Enterprise projectSchool summer fete
Computing	<ul style="list-style-type: none">Esafety Programming	Animation adventures	Presenting data	Advertising	Making a quiz	Desktop publishing
PE	<ul style="list-style-type: none">gymnasticstag rugby	<ul style="list-style-type: none">dodgeballtag rugby	<ul style="list-style-type: none">dancefootball	<ul style="list-style-type: none">outdoor adventurous activitiesnetball	<ul style="list-style-type: none">tennisathletics	<ul style="list-style-type: none">cricketathletics
Music	<ul style="list-style-type: none">Explore composition using rhythmsSinging Christmas choruses with more than one partSing with expression and explore cultural context of music		<ul style="list-style-type: none">Learn and perform a piece of Samba music with improvisation, solos and small group performances		<ul style="list-style-type: none">Part singing (harmony)Identify and perform the different notes used in treble clef	
RE	<ul style="list-style-type: none">What does it mean to be a Hindu in Britain today?		<ul style="list-style-type: none">What can we learn from religions about deciding what is right and wrong?	<ul style="list-style-type: none">Why is Jesus inspiring to some people?	<ul style="list-style-type: none">Why are festivals important to religious communities?	<ul style="list-style-type: none">Why do some people think that life is like a journey and what significant experiences mark

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