

Bengeworth CE Academy  
Curriculum Map 2018-2019

<u>Year 4</u>	Autumn 1	Autumn 2	Spring 1	Spring 2 / Summer 1	Summer 1	Summer 2
	<p>Topic: <b>Harvest</b> Farm to Fork Harvest Festival Key Text - The Windmill Farmer (visual literacy)</p>	<p>Topic: <b>Tudors</b> Key text – works by Shakespeare (Much Ado about Nothing)</p>	<p>Topic: <b>Volcanoes and Earthquakes</b> Key Text - The Firework Maker’s Daughter</p>	<p>Topic: <b>Egypt</b> Key text – The Scarab’s Secret</p>	<p>Topic: <b>Democracy / Parliament</b></p>	<p>Topic: <b>Habitats</b> Key texts – The Great Kapok Tree, The Antarctic Journal</p>
<p>English including SPaG</p>	<p>Fronted Adverbials with commas. Use the first two or three letters of a word to check its spelling in a dictionary. Joined handwriting. Year 3 and 4 spelling word list. Using class text for: inference, prediction, positive attitudes to reading, identifying themes between texts and relating to our school values. Narrative writing – settings, characters and plot.</p>	<p>Continue with SPaG from Autumn 1. Noun phrases – expanded with modifying adjectives. Choosing nouns and pronouns appropriately for clarity. Conjunctions – if, when, because, although. Prefixes and suffixes. Using class text for: inference, prediction, positive attitudes to reading, identifying themes. Playscripts. Debate and persuasive writing.</p>	<p>Homophones. Possessive apostrophes for regular and irregular plurals. Conjunctions, adverbs, prepositions to express time and cause.</p>	<p>Punctuating direct speech. Indicating possession by using the possessive apostrophe with plural nouns. Understand the grammatical difference between plural and possessive s and apply in their own writing. Newspaper Reports for the discovery of Tutankhamun’s tomb. Diary Writing from Howard Carter’s point of view. Debate and persuasive writing. Non-fiction report writing – use of headings and sub-headings.</p>	<p>Grammar for Year 4 (Appendix 2) Determiner, pronoun, possessive pronoun, adverbial. Using the present perfect form of verbs in contrast to the past tense. Spell words that are often misspelt. Dictation. Paragraphing.</p>	<p>Grammar for Year 4 (Appendix 2) Determiner, pronoun, possessive pronoun, adverbial. Using the present perfect form of verbs in contrast to the past tense. Spell words that are often misspelt. Dictation. Paragraphing. Alternative endings to the Great Kapok Tree. Non-fiction writing based on the Antarctic Journal.</p>
<p>Maths</p>	<p>Multiplication Tables. <i>Number:</i> Recognise the place value of each digit on a 4 digit number (Th, H, T, O). Order and compare numbers beyond 1000; find 1000 more or less than a given number. Count in multiples of 6, 7, 9, 25 and 1000. Rounding numbers to the nearest 10, 100 and 1,000. Count backwards through zero to include negative numbers. Read Roman Numerals to 100 (I to C) and know that over time, the numerals system changed to include the concept of zero and place value. Estimate and use inverse operations to check answers to check a calculation. Add and subtract numbers with up to four digits using the formal written methods of columnar addition and subtraction. Solve addition and subtraction 2-step problems in</p>	<p>Multiplication Tables. <i>Number:</i> Multiplying together 3 numbers. Recognise and use fact pairs commutatively in mental calculations. Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1. Multiply 2 digit and 3 digit numbers by a 1 digit number using formal written layout. <i>Measurement:</i> Find the area of rectilinear shape by counting squares. <i>Opportunities for reasoning and problem solving within these topics.</i></p>	<p>Recall multiplication and division facts for tables up to 12x12. <i>Number:</i> Add and subtract fractions with the same denominator. Recognise and write decimal equivalent to half, quarter and three quarters. Count up and down in hundredths; recognize that hundredths arise when dividing an object by 100 and dividing tenths by 10. <i>Measurement:</i> Recognise and compare units of time. <i>Opportunities for reasoning and problem solving within these topics.</i></p>	<p>Recall multiplication and division facts for tables up to 12x12. <i>Number:</i> Recognise and write decimal equivalent to half, quarter and three quarters. Round decimals with one decimal place to the nearest whole number. Find the effect of dividing a one or two digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths. Recognise and write decimal equivalent of any number of tenths or hundredths. Compare numbers with the same number of decimal places up to two decimal places. <i>Measurement:</i> Estimate, compare and calculate different measures, including money in pounds and pence.</p>	<p><i>Measurement:</i> Measure and calculate the perimeter of a rectilinear figure in centimetres and metres. Convert between different units of measure for example km to m, hour to minute. <i>Geometry:</i> Identify acute and obtuse angles and compare and order angles up to two right angles by size. Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and their sizes. Identify lines of symmetry in 2D shapes presented in different orientations. Complete a simple symmetric figure with respect to a specific line of symmetry. <i>Opportunities for reasoning and problem solving within these topics.</i></p>	<p><i>Geometry:</i> Describe position on a 2D grid as coordinates in the first quadrant. Plot specific points and draw sides to complete a given polygon. Describe movements between positions as translations of a given unit to the left/right and up/down. <i>Statistics:</i> Interpret and present discrete and continuous data using appropriate graphical methods, including bar graphs and time graphs. Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. <i>Measurement:</i> Find the area of rectilinear shape by counting squares.</p>

	context, deciding which operations and methods to do and why.  <i>Opportunities for reasoning and problem solving within these topics.</i>			<i>Opportunities for reasoning and problem solving within these topics.</i>		<i>Opportunities for reasoning and problem solving within these topics.</i>
Science	Animals including humans: Digestive system, including teeth in humans.	Electricity	States of matter - Solids, Liquids and Gases.	Sound - how sound is made, pitch, volume and strength of vibrations.	Recognise that living things can be grouped in a variety of ways classification keys.	Recognise that environments can change and that this can sometimes pose dangers to living things. Food Chains.
PSHE / Values	Respect	Perseverance	Friendship	Responsibility	Trust	Forgiveness
RE	Harvest Festival and celebrations Christianity Harvest Festival service.	Christianity and Christmas - festivals and celebrations	Why is the Bible important to Christians and why do people pray?	Religious teachings about right and wrong, Christianity	Hinduism and life in Britain today	Why do some people see life as a journey?
History		The study of an aspect of British History beyond 1066 - architecture (compare Tudor, Georgian and Victorian buildings), change in power of monarchs - Henry VIII		The achievements of the earliest civilizations - Ancient Egypt and the legacy left behind.	The history of democracy and parliament.	History of ancient civilizations linked to each habitat e.g. Mayas, Incas, Arctic explorers, desert civilisations etc.
Geography	Local Area Case Study - Evesham and Pershore: crops and produce. Human Geography - trade links and change.	Human Geography - trade links and change.	Settlement and land use, trade, map work. Physical Geography vs Human Geography	Counties and cities of the United Kingdom, human and physical features of the UK, how these have changed over time. Comparing the River Nile and River Avon.	Equator line, countries of the Earth, Tropic of Cancer and Capricorn, map work, biomes, climates, water cycle, land-use patterns,	Study of rainforest and Antarctic ecosystems and biomes; climate change.
Music	Harvest Festival service.	Composition - magical scores, atmosphere, GarageBand, instruments, notation	History of music and how this has changed over time	Sound - how sound is made, pitch, volume and strength of vibrations. Explore sound Tutankhamun Song Amazing Egyptians Song	Musical notation - write and compose music using notation. Graphic scores. Solo and Ensemble performance	STOMP music using junk-instruments Garage band to record
Art/Design	Skills - blending, shading and sketching. Van Gogh study. Realism and still-life (Harvest Link)	Sketching a Tudor building. Portraits of Tudor monarchs.	Sculpture and modelling Strength of structures. Andy Warhol - Pompeii	Learn about historic artists, architects and designers in history. Clay tablets.		DT - Make a habitat / make an item for it e.g. escape from the Arctic. Rainforest shoeboxes.
Computing - E-safety recapped throughout	E-Safety and safe use of technology (SMART)	Coding and Programming - Retelling a story using programming software, create a maze-game (VR Magic)	Coding and Programming - Debugging 'Bugs in the system' E-Safety week in February Virtual Reality / iMovie	Coding beyond games - create websites (to show new learning), apps (and software?)	Classification keys.	Algorithms and coding - create a Habitat game!
PE	Invasion Games Multi Skills Real PE	Invasion Games Dance Real PE	Dance OAA- coordinates Real PE	Fitness Team Building Real PE	Athletics S&F Games Non-Swimmers Real PE	Tennis Athletics Non-Swimmers Real PE
Educational Visits	Harvest Festival in Church	Trip to Harvington Hall  Art study walk into Evesham (Tudor buildings)		Virtual Tour to an Egyptian Museum (to be held within school)	Residential visit to London (including visit to Houses of Parliament).	Visit by 'Rainforest Roadshow'.
Enterprise	Harvest Festival in Church	Homework Project - Tudor Houses Debate - Henry VIII: Horrid or Hero?	Build a Volcano - scientific experiment	Trial of Howard Carter (Grave robber?)	Pupil Parliament campaign.	Study an animal in individual classes to create a class magazine and present across the year group.