

Curriculum overview Year 4

English: Using a wide range of fiction (classic and modern fiction, myths, traditional stories, stories from different cultures and periods of time) poetry and non-fiction texts and other stimulus, pupils learn to be confident listeners, speakers, readers, and writers (discuss and share ideas).			Music • Use of voice & instruments with increasing accuracy, control and expression. • Improvise and compose music • Listen with attention and detail • Appreciate a wide range of live and recorded music • Begin to develop an understanding of the history of music.		R.E • What do Hindus believe about Dharam, Deity and Atman? • What do Christians believe about salvation? • What do Christians believe about Agape?
Reading: • Knowledge of root words prefixes and suffixes • Secure decoding of unfamiliar words • Read for a range of purposes • Retell some texts orally – poems, playscripts • Discuss words & phrases that capture the imagination • Identify themes & conventions • Retrieve & record information • Make inferences & justify predictions • Recognise a variety of forms of poetry • Identify & summarise ideas • Explain meaning of words in context • Ask questions to improve understanding of texts • Identify how language, structure and presentation contribute to meaning • Prepare poems and plays to perform	Writing : • Rehearse sentences orally • Use prefix/suffixes and understand how to add them • Correctly spell common homophones • Increase regularity of handwriting thus increasing legibility • Compose sentences building rich vocabulary and increasing range of sentence structures • Plan writing based on familiar forms • Spell words often misspelt • Organise writing into paragraphs • Use simple organisational devices • Proof-read for spelling, grammar & punctuation errors • Evaluate own and others' writing • Read own writing aloud • Use dictionaries effectively • Write simple sentences dictated by teacher	Grammar : • Use wider range of conjunctions • Use present perfect tense appropriately • Select pronouns and nouns for clarity • Use & punctuate direct speech • Use commas after front adverbials • Using a range of adverbs and prepositions • Use possessive apostrophes accurately Speaking & Listening: • Articulate & justify opinions • Speak audibly in Standard English • Gain, maintain & monitor interest of listeners	Geography • Focusing on the world's countries, with focus on Europe and the Americas, concentrate on countries and their major cities. • Name and locate geographical regions on the United Kingdom and identify their human and physical characteristics and key topographical features including hills, mountains, coasts and rivers. • Describe and understand key aspects of physical geography including rivers, mountains, volcanoes and earthquakes, and the water cycle. • Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. • Use the eight points of a compass to build their knowledge of the United Kingdom and the wider world.		History • Changes in Britain -the Stone Age to the Iron Age • Life in Tudor Britain. • Achievement of earliest civilizations – The Shang Dynasty of China • Begin to understand the concept of change over time, representing this, along with evidence on a timeline • To use historical vocabulary to communicate information about the past • To place events, artefacts and historical figures on a timeline using dates
Mathematics			Modern Foreign Languages • Listen and engage • Ask & answer questions • Speak in sentences using familiar vocabulary • Develop appropriate pronunciation • Show understanding of words and phrases • Appreciate songs, poems and rhymes.		Art • Use sketchbooks to collect, record and evaluate ideas • Improve mastery of techniques such as drawing, painting and sculpture with varied materials • Learn about great artists, architects & designers
Number/Calculation: • Know all times table facts up to 12 x 12 • Secure place value knowledge from units, tens, hundreds and thousands	Geometry & Measures: • Compare 2-D shapes, including quadrilaterals & triangles • Find area of rectilinear shapes.	Fractions, decimals & percentages: • Recognise tenths and hundredths			

- Count backwards through zero to use negative whole numbers - Round integers to the nearest 10, 100 and 1000 - Use Roman numerals up to 100 (C) - Column addition & subtraction up to 4-digits - Multiply and divide mentally - Use standard multiplication method - Order and compare numbers - Factor pairs Solve word problems - Use short division - Find 1000 more or less than a given number - Count in multiples of 6,7,9,25 and 1000 - Use inverse operations to check answers to a calculation - Solve two-step problems in contexts - X and ÷ using formal written methods	- Calculate rectangle perimeters - Estimate and calculate measures - Identify acute, obtuse and right angles - Recognise symmetry in shapes - Use first quadrant coordinates - Simple translations - Convert between units of measure - Solve money problems. - Read, write & convert 12 & 24 hour clock - Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days - Plot specified points and draw sides to complete a given polygon	- Compare tenths and hundredths and count in these - Identify equivalent fractions - Add & subtract fractions with common denominators - Recognise common equivalents - Round decimals to whole numbers ÷ by 10 or 100 - Find fractions of amount. - Decimals to 2 decimal points - Solve problems involving fractions Data: - Use bar charts, tables, pictograms & line graphs to present discrete and continuous data to make comparisons and solve problems	- Broaden vocabulary <i>e.g. greetings, descriptions, family & animals.</i> - Develop an awareness of other cultures and languages - Understand basic grammar	
			<u>PSHCE & RSE</u> - Me and my relationships – recognising feelings, bullying and assertive skills. - Valuing difference – recognising and celebrating different (including religions and cultural difference), understanding and challenging stereotypes. - Managing risk – making a difference (different ways of helping others or the environment), media influence and decisions about spending money. - Being my best – having choices and making decisions about my health, taking care of my environment. - Growing and changing – body changes during puberty, managing difficult feelings and relationships including marriage.	<u>Science</u> <u>Biology</u> - Classify living things - Group living things, note the affect of changing environments and impact on living things - Digestive system - teeth - Food Chains <u>Chemistry</u> - Changes of State - The Water Cycle <u>Physics</u> - Sounds as vibrations - Electricity: simple circuits and conductors
<u>Design & Technology</u> - Use research & criteria to develop products which are fit for purpose - Use annotated sketches and prototypes to explain ideas - Evaluate existing products and improve own work - Use mechanical systems in own work - Understand seasonality; prepare & cook mainly savoury dishes	<u>Computing</u> - Design & write programs to achieve specific goals, including solving problems - Use logical reasoning - Understand computer networks - Use internet safely and appropriately - Collect and present data appropriately	<u>P.E</u> - Use running, jumping, catching and throwing with control and accuracy, in isolation and in a team/group - Play competitive games and to follow the rules to play fairly - Develop flexibility & control in gym, dance and athletics - Compare to achieve personal bests - Swimming proficiency of at least 25m coordinating leg and arm movements by end of KS2 - Understand how to lead an active healthy lifestyle		