

Curriculum Overview for Year 4

<p>Spoken Language</p> <ul style="list-style-type: none"> Listen and respond appropriately Articulate and justify answers and opinions Gain, maintain & monitor interest of listeners Speak audibly and fluently with an increasing command <p>Reading</p> <ul style="list-style-type: none"> Apply their growing knowledge of root words, prefixes and suffixes to read aloud Use knowledge to read 'exception' words Listen to, participate in & read a wide range of fiction, non-fiction, poetry and plays Use dictionaries to check meanings Increase familiarity and orally retell fairy stories, myths and legends Prepare poems and plays to perform Discuss words and phrases that capture readers' interest and imagination Know different forms of poetry Check own understanding of reading through discussion and questions Draw inferences and make predictions 	<p>English</p> <ul style="list-style-type: none"> Retrieve and record info from non-fiction Join handwriting appropriately Increase legibility, consistency and quality of handwriting Plan writing through discussion and informal recording of ideas Compose and rehearse sentence orally Organise paragraphs around a theme Create settings, characters and plot Begin to use a more rich and varied vocabulary Evaluate their writing by suggesting improvements Proof read for spelling and punctuation errors Read aloud their own writing controlling tone and volume so meaning is clear <p>Writing</p> <ul style="list-style-type: none"> Use range of nouns and pronouns for clarity Use conjunctions, adverbs and prepositions to show time and cause Use fronted adverbials and commas accurately & effectively Use and punctuate direct speech Use possessive apostrophe with singular and plural nouns <p>Spelling</p> <ul style="list-style-type: none"> Use prefixes and suffixes in spelling Spell further homophones Spell words that are often mis-spelt Use first two or three letters of a word to check its spelling in a dictionary Write from memory simple sentences, dictated by the teacher, that include word and punctuation taught 	<p>Art & Design</p> <p>Skills</p> <ul style="list-style-type: none"> Explore ideas to create their work Evaluate and analyse creative work Use appropriate artistic vocabulary Increase their control within artistic techniques <p>Content</p> <ul style="list-style-type: none"> Use sketchbooks to collect, record and evaluate their ideas Improve mastery of techniques such as drawing, painting and sculpture with varied materials Learn about great artists, architects & designers Collage, textiles & printing 	<p>Computing</p> <p>Skills</p> <ul style="list-style-type: none"> Design & write programs to achieve specific goals, including solving problems Use logical reasoning Understand computer networks Use internet safely and appropriately – know a range of ways to report any concerns Collect and present data appropriately <p>Content</p> <ul style="list-style-type: none"> Write more complex programs using directional and repetitive instructions Capture images using a variety of devices and copy to publish Use search engines to find information – use more than one tab Use language associated with databases Create a lengthy presentation using editing tools – inserting sounds
<p>Skills</p> <ul style="list-style-type: none"> Increase fluency with whole numbers and the four operations, including number facts and the concept of place value. Develop efficient written and mental methods and perform calculations accurately within large numbers Develop ability in solving problems, including simple fractions and decimal place value Draw on mathematical reasoning to analyse shapes and their properties, making relationships between them Use measuring instruments with accuracy and make connections between measure and number <p>Content</p> <ul style="list-style-type: none"> Know all tables to 12x12 Count in multiples of 6, 7, 9, 25 and 1000 Find 1000 more or less than a given number Count backwards through 0 to include negative numbers Recognise the place value for Th, H, T, U Order and compare numbers beyond 1000 	<p>Mathematics</p> <ul style="list-style-type: none"> Round any number to 10, 100 and 1000 Read Roman Numerals to 100 + and – numbers with up to 4 digits using written formal methods Estimate and use inverse to check Solve 2 step + and – problems Recognise and use factor pairs X 2 digit and 3 digit numbers by 1 digit using written method X and / mentally Recognise and show families of equivalent fractions Count up and down in hundredths Add and subtract fractions with the same denominator Recognise and write decimal equivalents of any number of tenths or hundredths X and / by 10 and 100 – identify rule Round decimals with 1dp to nearest whole number Solve simple measure and money problems using decimals <p>Skills</p> <ul style="list-style-type: none"> Convert between units of measure Measure and calculate perimeter Find the area by counting squares Read, write and convert time between analogue and digital Solve problems involving time Compare and classify shapes based on size and properties Identify acute and obtuse angles Identify lines of symmetry in 2d shapes Describe positions as a co-ordinate in the 1st quadrant Describe movements between positions as translations Plot points and draw sides to complete a polygon Interpret and present discrete data using appropriate methods Solve comparison, sum and difference problems using information presented in graphs and tables 	<p>Design & Technology</p> <p>Skills</p> <ul style="list-style-type: none"> Use research & criteria to develop products to high spec Use annotate sketches and prototypes to explain ideas Evaluate existing products and improve own work Select from and use a wider range of tools and equipment <p>Content</p> <ul style="list-style-type: none"> Cut, shape, join and finish with accuracy and precision Understand and use mechanical systems – gears, levers, pulleys, cams and linkages Understand and use electrical systems – series circuits using switches, bulbs, buzzers and motors Work in a range of environments such as home, school, leisure, culture, enterprise, industry & wider environment Understand seasonality; prepare and cook savoury dishes 	<p>Geography</p> <p>Skills</p> <ul style="list-style-type: none"> Extend their knowledge about the world, UK and their locality Develop their use of tools and skills to enhance their knowledge Use maps, globes, atlases and digital computer mapping to locate countries and describe features Use 8 compass points and 4-6 grid references confidently <p>Content</p> <ul style="list-style-type: none"> European study – environmental regions, key human, physical and topographical features Name and locate counties and cities of the UK Settlements and land use – economic activity including trade links
<p>Science</p> <p>States of matter</p> <ul style="list-style-type: none"> Classify objects based on solids, liquids and gases Explore changing states by heating and cooling Understand the water cycle and role of evaporation and condensation <p>Living things and their habitats</p> <ul style="list-style-type: none"> Classify living things Recognise that environments can change and associated dangers <p>Animals, including humans</p> <ul style="list-style-type: none"> Describe function of digestion system Identify different teeth and their functions Construct and interpret a variety of food chains <p>Sound</p> <ul style="list-style-type: none"> Explore relationships between sound, distance, volume and pitch <p>Electricity</p> <ul style="list-style-type: none"> Understand parts and functions of a simple circuit Recognise common conductors and insulators <p>Working Scientifically</p> <ul style="list-style-type: none"> Ask questions, make predictions, design simple enquiries Observe & measure accurately, record and present findings 	<p>History</p> <p>Skills:</p> <ul style="list-style-type: none"> Develop a chronological knowledge and understanding of British, local and world history Be able to note connections, contrasts and trends over time Devise historical questions about change, cause, similarities, differences and significance Construct informed responses that involve relevant information Understand the different sources that we can use to find out about the past <p>Content</p> <ul style="list-style-type: none"> Ancient Greece Local History Study The Romans 	<p>Modern Languages</p> <p>Skills</p> <ul style="list-style-type: none"> Listen and engage Ask and answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words and phrases Appreciate songs, poems and rhymes Broaden vocabulary Write phrases from memory – express ideas clearly Describe people, places and things – orally & written Understand basic grammar <p>Content</p> <ul style="list-style-type: none"> Les Monstres/Le calendrier des fetes/Les animaux/Au marche/Je cuis le mûrier/A la mode 	<p>Music</p> <p>Skills</p> <ul style="list-style-type: none"> Use voice & instruments with increasing accuracy, control and expression Improvise & compose music Listen with attention & detail Appreciate wide range of live & recorded music Begin to develop understanding of history <p>Content: MUSIC EXPRESS</p> <ul style="list-style-type: none"> Animal Magic – descriptive sounds Class Orchestra – exploring arrangements Play It Again – rhythmic patterns Dragon Scales – pentatonic scales Painting with Sounds – exploring sound colours Salt Pepper Vinegar Mustard – singing games
		<p>Physical Education</p> <p>Skills</p> <ul style="list-style-type: none"> use running, jumping, throwing and catching in isolation and in combination play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending develop flexibility, strength, technique, control and balance perform dances using a range of movement patterns take part in outdoor and adventurous activity challenges both individually and within a team compare their performances with previous ones and demonstrate improvement to achieve their personal best. <p>Content</p> <ul style="list-style-type: none"> Games – On the attach, cricket, Net/Wall Games OAA (problem solving) Dance – linked to themes Gymnastics & Athletics Cross Country 	<p>Religious Education</p> <p>Gloucestershire Agreed Syllabus – Skills</p> <ul style="list-style-type: none"> Describe key aspects of religions Identify and describe similarities and differences between religions Investigate the significance of religion in different communities Use specialist vocabulary in communicating their knowledge and understanding Reflect on what it means to belong Discuss their own and others' views of religious truth and belief Reflect on sources of inspiration in their own and others' lives <p>Content</p> <ul style="list-style-type: none"> What is God like and how does believing in God influence people's lives? Where, how and why do people worship? (Christianity, Judaism & Islam) How and why do believers care for others and the world? (compare 3 faiths)

