

Year 4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>RE</b>	The Bible	Trust in God	Jesus, the Teacher	Jesus, the Saviour	The Early Christians	The Church
<b>English</b>	<p>Class text Autumn term- The BFG Roald Dahl.</p> <p>The BFG by Roald Dahl Descriptive writing of narrative settings and character</p> <p>Science link 'being swallowed by a giant'</p> <p>Poetry – Shape poems link to the digestive system (science Animals inc. Humans) Michael Rosen 'Chocolate Cake'</p> <p>Instructions- Recipe for a dream</p> <p>Information text link with History- Hadrian's wall two page spread</p>	<p>Link with History: The Romans – Diary writing/ perspective writing 'A day in the life of a Roman'</p> <p>Visual texts: For the birds link with anti-bullying week The present – Narrative writing around the theme 'A change of heart.'</p> <p>Poetry – Seasonal Haiku poems Poet – Matsuo Basho</p> <p>Traditional Tale –</p>	<p>Class text Spring term- The Lion, The Witch and the Wardrobe by C. S Lewis.</p> <p>Audience – text The Black Dog by Levi Pinfold (Writing stories for younger children in Reception)</p> <p>Newspaper report writing (Linked with History and Geography – famous mountaineers)</p> <p>Traditional Tale – Three Billy Goats Gruff</p> <p>Literacy shed- Soar Children write their own play scripts and non-chronological reports.</p>	<p>Adventure stories</p> <p>Poetry – Budapest - 'Billy Collins' and 'Stream School an animated Hungarian poem'</p> <p>Explanation text (based on our Geography and Science topics).</p>	<p>Class text – 'Odd and the Frost Giants' by Neil Gaiman – studying the characters (role on the wall), writing additional segments and chapters to the book, diary entries and letter writing</p> <p>Documentary script- Animal habitats (linked to science).</p> <p>Persuasive texts – exploring persuasive letters, adverts, protest songs and speeches Identify features of persuasive writing</p>	<p>Balanced arguments- Link with Science Habitats - Should we keep animals in zoos? Debate</p> <p>Poetry – Christina Rossetti's poems : Compare &amp; contrast her poems Find imagery / theme of poem Looking for patterns in the poetry Identifying similes</p> <p>Instruction Writing (linked to history - Vikings)</p>
<b>English Grammar</b>	<p>Identifying parts of speech: nouns, adjectives, verbs, adverbs, pronouns Appropriate choice of pronoun or noun within and across sentences to aid cohesion and avoid repetition Standard English forms for verb inflections instead of local spoken forms [for example, we were instead of we was, or I did instead of I done] Correct use of verb tenses</p>	<p>Noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases (e.g. the teacher expanded to: the strict maths teacher with curly hair)</p> <p>Fronted adverbials [for example, Later that day, I heard the bad news.] Use of the comma after fronted adverbials</p>	<p>Use of paragraphs</p> <p>Use of inverted commas and other punctuation to indicate direct speech [for example, a comma after the reporting clause; end punctuation within inverted commas: The conductor shouted, "Sit down!"]</p>	<p>The grammatical difference between plural and possessive –s</p> <p>Apostrophes to mark plural possession [for example, the girl's name, the girls' names]</p>	<p>Revision of all terminology including: determiners pronoun, possessive pronoun adverbial homophones</p>	<p>Revision of all grammar covered in year 4</p>
<b>Maths</b>	<p><b>Number and Place Value</b> Find 1000 more or less than a given number. Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones) Order and compare numbers beyond 1000 Identify, represent and estimate numbers using different representations. Round any number to the</p>	<p><b>Measurement</b> Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres Convert between different units of measure Read, write and convert time between analogue and digital 12- and 24-hour clocks</p> <p><b>Multiplication and Division</b></p>	<p><b>Shape</b> Compare and classify 2D shapes including quadrilaterals and triangles Lines of symmetry</p> <p><b>Properties of Shapes</b> Identifying the properties of 3D shapes Visualising 3D shapes Identifying acute and obtuse angles and ordering angles by size</p>	<p><b>Position and Direction</b> Describe coordinates on a 2D grid as coordinates in the first quadrant. Translations of shapes</p> <p><b>Measurement</b> Write and convert units of time (analogue and digital) solve problems involving converting from hours to minutes, minutes to seconds,</p>	<p><b>Number and Place value</b> Count in multiples of 6,7,9,25,50 and 1000 Known and derived number facts to multiply and divide mentally To multiply 2 and 3 digit numbers by 1 digit using a formal written method Division (Chunking method)</p>	<p><b>Fractions</b> Revising: Ordering of fractions Equivalent fractions Fractions to decimals Problems involving decimal fractions</p> <p><b>Number and Place Value (5/6 digits)</b> Addition/ subtraction Knowing all the times tables up to 12 x 12</p>

	<p>nearest 10, 100 or 1000</p> <p>Solve number and practical problems that involve all of the above and with increasingly large positive numbers.</p> <p>Count backwards through zero to include negative numbers.</p> <p>Roman numerals to 100.</p> <p><b>Addition Subtraction</b></p> <p>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</p> <p>Estimate and use inverse operations to check answers to a calculation.</p> <p>Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.</p>	<p>Recall and use multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</p> <p>Count in multiples of 6, 7, 9, 25 and 1000</p> <p>Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</p> <p>Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.</p>	<p><b>Fractions</b></p> <p>Organise and show, using diagrams, families of common equivalent fractions</p> <p>Adding and subtracting fractions with the same common denominator.</p> <p>Finding fractions of amounts</p> <p>Mixed fractions</p> <p><b>Data</b></p> <p>Collecting/ interpreting data (bar graph/ pictogram)</p> <p>Interpreting and presenting discrete and continuous data using appropriate graphical methods, including bar charts, time graphs.</p>	<p>years to months, weeks to days</p> <p>Simple measure and money problems involving numbers with two decimal places.</p> <p>Converting between different units of measurement (km to m, hour to minute etc)</p> <p>Solving problems involving converting units of measurement</p>	<p>Word problems using the 4 operations</p> <p><b>Fractions</b></p> <p>Counting up and down in tenths and hundredths</p> <p>Writing decimal equivalents of tenths and hundredths</p> <p>Decimal equivalents of <math>\frac{1}{2}</math>, <math>\frac{3}{4}</math></p> <p>Comparing and ordering decimals</p> <p>Rounding decimals to a whole number.</p>	<p>Multiplication and division (Column methods)</p> <p>Multiplying 3 numbers</p> <p>Solving two step word problems</p> <p>Rounding whole numbers and decimals</p>
<b>Science</b>	<p><b>Animals (including humans)</b></p> <ul style="list-style-type: none"> <li>describe the simple functions of the basic parts of the digestive system in humans</li> <li>identify the different types of teeth in humans and their simple functions</li> <li>construct and interpret a variety of food chains, identifying producers, predators and prey.</li> </ul>	<p><b>States of matter</b></p> <ul style="list-style-type: none"> <li>compare and group materials together, according to whether they are solids, liquids or gases</li> <li>observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (<math>^{\circ}\text{C}</math>)</li> <li>identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.</li> </ul>	<p><b>Electricity</b></p> <ul style="list-style-type: none"> <li>identify common appliances that run on electricity</li> <li>construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers</li> <li>identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery</li> <li>recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit</li> <li>recognise some common conductors and insulators, and associate metals with being good conductors.</li> </ul>	<p><b>Sound</b></p> <ul style="list-style-type: none"> <li>identify how sounds are made, associating some of them with something vibrating</li> <li>recognise that vibrations from sounds travel through a medium to the ear</li> <li>find patterns between the pitch of a sound and features of the object that produced it</li> <li>find patterns between the volume of a sound and the strength of the vibrations that produced it</li> <li>recognise that sounds get fainter as the distance from the sound source increases</li> </ul>	<p><b>Living things and their habitats</b></p> <ul style="list-style-type: none"> <li>recognise that living things can be grouped in a variety of ways</li> <li>explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment</li> <li>recognise that environments can change and that this can sometimes pose dangers to living things.</li> <li>recognise that environments can change and that this can sometimes pose dangers to living things.</li> <li>project work on living things and their life cycle, present work at end of the term</li> </ul>	
<b>Computing</b>	<p>Internet Safety</p> <p>Understanding how to stay safe in a social networking environment.</p> <p>Emailing</p>	<p>Internet research</p> <p>Using research to create a presentation using PowerPoint.</p>	<p>Creating algorithms to make an object move on the screen.</p> <p>Espresso Coding</p>	<p>Making a game using j2code and / or Scratch</p> <p>Word Processing – using the features of Microsoft Word to present information.</p>	<p>Animation: history of animation, how to create stick figure animation, how to plan an animation storyboard</p>	<p>Animation: use images to create a simple stop-motion animation short film</p>

<b>History / Geography</b>	<b>History The Ancient Romans; Roman Empire and its impact on Britain</b> Julius Caesar Roman Empire by AD42 British resistance – Boudicca		<b>Mountains, Volcanoes and Earth Quakes</b> Describe and understand the physical geography of Mountains. Special focus on Rocky's (North America) compared with the Alps (Europe) and Andes (South America).  <b>Map work</b> Name and locate the counties and cities of the United Kingdom. Use Maps, Atlas, globes, digital/computer mapping Compass Ordnance survey maps		<b>History Anglo-Saxons and Scots</b> Roman withdrawal from Britain in c. AD 410 and the fall of the western Roman Empire. Scots invasions from Ireland to north Britain (now Scotland) Anglo-Saxon invasions, settlements and kingdoms: place names and village life. Anglo-Saxon art and culture. Christian conversion – Canterbury, Iona and Lindisfarne  <b>Vikings</b> Vikings and Angle Saxons struggle for supremacy	
<b>ART / DT</b>	Study of artist Alma Thomas Link to Black History Month (October) Thomas-inspired painting linked to nature Trip to Holland park DT – Textiles	DT – Christmas Tree Decoration and Felt Stocking  Christmas inspired art – Hand wreath / Cards	Working with chalk, pastels and paint to recreate Picasso's 'Blue' paintings and 'icy' scenes from Narnia Picasso workshop at RAA	Study of artist Frida Kahlo Frida Kahlo Inspired Self-Portrait Activity Inner and outer self – link to PSHE Trip to National portrait gallery	Anglo-Saxon and Scots inspired art: Clay brooches Viking shields  Trip to British Museum  Art inspired by month of Our Lady (RE)	Study of artist Piet Mondrian Mondrian inspired art linked to Maps  DT – Mechanisms Compare 'old' vs modern toys
<b>PE</b>	<b>Net and Wall Games</b> Short tennis Sponge Bal Badminton Volleyball	<b>Striking and Fielding Games</b> Throw Tennis Pat Tennis Seated Volleyball Kwik Cricket	<b>Target Games</b> Bean Bag Golf Bowling Bean Bag Archery Netball Shuffleboard Skittle ball  <b>Dance</b>	<b>Invasion Games</b> Football Basketball Rugby	<b>Invasion Games and Outdoor Adventurous Activity</b> Netball Hockey  <b>Dance</b>	<b>Athletics and Gymnastics</b> Athletics Track and Field Jumping Gymnastics