

Spring Curriculum Overview – Year 4

<div data-bbox="47 188 120 268" data-label="Image"> </div> <h2 data-bbox="331 197 452 236">English</h2> <ul data-bbox="103 268 705 507" style="list-style-type: none"> To use metaphors and rhyme to create a poem To use the same number of syllables for each pair of lines To retell a traditional tale (Aladdin) To write a non-fiction explanation text explaining the journey of food through the digestive system To use appropriate scientific vocabulary Practise answering a range of comprehension questions using skills such as vocabulary, retrieval, inference, prediction, explanation and summarising <p data-bbox="53 512 631 533">To support your child with this aspect of their learning you could:</p> <ul data-bbox="103 539 705 746" style="list-style-type: none"> Read with your child a range of texts Discuss with the children about the meaning of any vocabulary within their text Encourage your child to read aloud with expression Ask comprehension questions requiring a deeper level of understanding (How do you think the character felt? How would you feel if you were the character? Why do you think the character did that?) 	<div data-bbox="752 197 831 277" data-label="Image"> </div> <h2 data-bbox="936 197 1281 236">Science/Computing</h2> <p data-bbox="853 277 927 298"><u>Science</u></p> <ul data-bbox="804 304 1451 676" style="list-style-type: none"> Conduct a range of practical experiments in an accurate manner including use of thermometers and data loggers To create a detailed write up of an experiment using appropriate recordings and vocabulary Use scientific evidence to answer questions or to support children's findings Compare and group materials together, according to whether they are solids, liquids or gases 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 (°C) Recognise that living things can be grouped in a variety of ways Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment <p data-bbox="853 683 965 703"><u>Computing</u></p> <ul data-bbox="804 710 1182 756" style="list-style-type: none"> To write an algorithm To work with variables in my program 	<div data-bbox="1485 197 1563 277" data-label="Image"> </div> <h2 data-bbox="1727 197 1944 236">RHSE/RE/PE</h2> <p data-bbox="1585 277 1637 298"><u>RHSE</u></p> <ul data-bbox="1630 304 2168 379" style="list-style-type: none"> To plan and set new goals even after a disappointment Explain what it means to be resilient and have a positive attitude <p data-bbox="1585 416 1615 437"><u>RE</u></p> <ul data-bbox="1630 443 2168 596" style="list-style-type: none"> Describe and understand links between stories and other aspects of the communities Understand that Vaisakhi is also a New Year and harvest festival in the Punjab Learn about the Easter story and its significance to Christians <p data-bbox="1585 608 1615 628"><u>PE</u></p> <ul data-bbox="1630 635 2168 772" style="list-style-type: none"> Explore movement through improvisation, using unison and canon Add drama and emotion to the dance Understand the rules of handball Develop passing and movement skills
<div data-bbox="47 778 107 858" data-label="Image"> </div> <h2 data-bbox="331 786 452 825">Maths</h2> <ul data-bbox="103 847 728 1166" style="list-style-type: none"> Explore different ways that fractions can be represented and showing equivalent fractions Represent fractions greater than one as mixed number and improper fractions Add and subtract fractions with the same denominator including fractions greater than one Be able to read and convert analogue and digital time 12-hour and 24-hour clocks Find decimal equivalents to tenths, quarters and halves Compare and order numbers with same number of decimal places Multiply and divide by 10 and 100 including decimals Calculate perimeter and area of rectangles and rectilinear shapes <p data-bbox="53 1171 555 1192">To help your child with this aspect of learning you could:</p> <ul data-bbox="103 1219 728 1426" style="list-style-type: none"> Ask a range of times table questions (including division) up to 12 x 12 Encourage the children to help tell the time using clocks around the home Encourage children to explain how they have reached their answer for their calculation Support children in playing multiplication and division games on websites such as Topmarks (www.topmarks.co.uk) 	<div data-bbox="752 778 831 858" data-label="Image"> </div> <h2 data-bbox="1010 786 1205 825">Geography</h2> <p data-bbox="853 900 949 920"><u>Geography</u></p> <ul data-bbox="804 927 1451 1378" style="list-style-type: none"> Describe and understand key aspects of human geography, including: types of settlement and land use and economic activity including trade links Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle. Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America Name and locate counties and cities of the United Kingdom Understand geographical similarities and differences Use fieldwork to observe, measure, record and present the human and physical features in the local area Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world 	<div data-bbox="1485 778 1563 858" data-label="Image"> </div> <h2 data-bbox="1760 786 1910 825">Art/D&T</h2> <ul data-bbox="1536 874 2145 1038" style="list-style-type: none"> Improve children's art and design techniques, including drawing, painting and sculpture with a range of materials Use a range of media to create the given outcome Learn about great artists, architects and designers in history Evaluate and analyse their creative outcomes Use sketchbooks to record observations <p data-bbox="1749 1070 1921 1091">Music/French (KS2)</p> <div data-bbox="1485 1070 1563 1150" data-label="Image"> </div> <div data-bbox="2078 1070 2190 1139" data-label="Image"> </div> <ul data-bbox="1536 1155 2033 1230" style="list-style-type: none"> To explain where I live and how I look using French To compose and perform a rap about anti-bullying To learn and perform 'Lean on me'