# Curriculum overview Year 2

<table>
<tr><th colspan="8">Autumn 1</th></tr>
<tr><th colspan="2">English</th><th colspan="4">Maths</th><th colspan="2">Science</th></tr>
<tr><td colspan="2">Defeating the Monster Stories:<br>Jack & the Beanstalk<br>Information Texts<br><u>Grammar, Punctuation and Spelling:</u><br>• Strategies for learning spellings.<br>• Learning common exception words and homophones.<br>• Polysyllabic words.<br>• Proof reading.<br>• Adjectives to make our writing more interesting.<br>• Conjunctions to extend sentences; when, if, because, and, or, but.<br>• Capital letters, full stops, finger spaces, exclamation, question marks.</td><td colspan="4">Number: Place Value, Addition and Subtraction, Money and Multiplication (2, 5, 10 and 3 x tables)<br>• Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward.<br>• Recognise the place value of each digit in a two-digit number (10s, 1s).<br>• Compare and order numbers from 0 up to 100; use <, > and = signs.<br>• Use place value and number facts to solve problem solve problems with addition and subtraction.<br>• Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.<br>• Add and subtract numbers using concrete objects, pictorial representations, and mentally, including:<br>  • a two-digit number and 1s<br>  • a two-digit number and 10s<br>  • 2 two-digit numbers<br>  • adding 3 one-digit numbers<br>• Find different combinations of coins that equal the same amounts of money.<br>• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.</td><td colspan="2">Plants: Observing how seeds and bulbs grow into mature plants. Finding out what plants need to grow and stay healthy.<br>Observe and describe how seeds and bulbs grow into mature plants.<br>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</td></tr>
<tr><th>History</th><th>Art & Design</th><th>Music</th><th>PE</th><th>MFL</th><th>Computing</th><th>PSHE</th><th>RE</th></tr>
<tr><td>Events beyond living memory<br>Significant historical events - The Gunpowder Plot</td><td>Textiles<br>Dip Dye and Printing: Learning the technique of how to dip dye and using those fabrics to print onto using printing blocks we make.</td><td>Charanga<br>Pulse, Rhythm and Pitch</td><td>Indoor: Imoves Year 2 Gymnastics. Basic skills of rolling, jumping, travelling and creating a sequence to perform.<br>Outdoor: Imoves Fundamental Skills - Invasion Games.</td><td>Greetings. Ask/read simple questions and answer them How old are you? Colours Rhymes Grammar – le/la, colours follow the noun. Numbers 1-10.</td><td>Computing systems and networks – IT around us</td><td>Health and Wellbeing<br>How to maintain a healthy lifestyle.<br>Personal hygiene and keeping well.</td><td>Judaism<br>Why do Jewish families talk about repentance at New Year?</td></tr>
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| Autumn 2 | | |
|---|---|---|
| English | Maths | Science |
| Billy the Brave Knight<br>Persuasive Writing<br><br>**Grammar, Punctuation and Spelling:**<br>• 'ge' and 'dge' words. 'c' before 'e, I ,y' words.<br>• 'kn' and 'gn' at the beginning of words.<br>• Homophones.<br>• Present tense and past tense.<br>• Capital letters, full stops, finger spaces, exclamation, question marks. | Number: Addition and Subtraction cont.<br>Measurement: Money<br>Number: Multiplication and Division<br>• Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.<br>• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.<br>• Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs. recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.<br>• Find different combinations of coins that equal the same amounts of money.<br>• Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. | Uses of everyday materials<br>Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.<br>John Dunlop |

| Geography | Design and Technology | Music | PE | MFL | Computing | PSHE | RE |
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| Place Knowledge - Comparing London and Nairobi | Food Technology Know that food has to be farmed, grown or caught. Prepare food safely. Chn will plan, prepare and make a vegetable soup. | Charanga Playing in an Orchestra. | Indoor: Imoves Dance Learning simple samba moves to piece together to create a whole dance. Outdoor: Imoves Fundamental skills - Co-operation Games. | Greetings. Ask/read simplequestions and answer them How old are you? Colours Rhymes Grammar – le/la, colours follow the noun. Numbers 11-20. | Creating media – Digital photography. | How some diseases are spread and can be controlled; the responsibilities they have for their own health and that of others. Learning the scientific names for male and female body parts. | Christianity Why was Jesus given the name 'saviour'? |
| VISITS | Boxford Fruit Farm | | | | | | |

| Spring 1 | | | | | | | |
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| English | Maths | | | | | Science | |
| The King and the Moon<br>Recounts<br>Teaching Reading – Retrieval, Vocabulary, Inference<br>60 second reads.<br><br>**Grammar, Punctuation and Spelling:**<br>• ie sound spelt y - cry fly dry try July<br>• Contractions – use of apostrophe for omission.<br>• Words ending in le.<br>• Suffixes – ing, ed, er, est, y/ey to words with an e at the end.<br>• ie sound spelt ey - key, donkey, monkey, chimney, valley.<br>• R sound spelt wr<br>• Suffixes – ing, ed, er, est, y to words ending in a single consonant after a single vowel.<br>• Capital letters, full stops, finger spaces, exclamation, question marks. | Number: Multiplication and Division<br>Statistics<br>Geometry: Properties of Shape<br>• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.<br>• Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs.<br>• Show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot.<br>• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.<br>• Interpret and construct simple pictograms, tally charts, block diagrams and tables.<br>• Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.<br>• Ask-and-answer questions about totalling and comparing categorical data.<br>• Identify and describe the properties of 2-D shapes, including the number of sides, and line symmetry in a vertical line.<br>• Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.<br>• Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid].<br>• Compare and sort common 2-D and 3-D shapes and everyday objects. | | | | | Animals including Humans<br>Notice that animals, including humans, have offspring which grow into adults Find out about and describe the basic needs of animals, including humans, for survival (water, food and air) Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. | |
| History | Art and Design | Music | PE | MFL | Computing | PSHE | RE |
| Events beyond living memory - The History of Flight | Drawing<br>Mark making, looking at tone and form closely. Focusing on what they can see and paying close attention to detail. | Charanga<br>Inventing a musical story | Indoor: Rhythmic Dance Using cheer dance as a basis for learning a simple routine and incorporating hoops, ribbons etc to perform.<br>Outdoor: Chasing and Fleeing skills. – Sailors and Sharks, Giants, Elves and Wizards, Cupids Tag. | Greetings<br>Ask simple questions and answer them<br>Numbers to 31<br>Multiples of 10 to 100<br>Easter Grammar – un/un | Programming A – Robot algorithms | Relationships<br>To communicate their feelings to others, to recognise how others show feelings and how to respond, to recognise that their behaviour can affect other people. | Islam<br>How do some Muslims show Allah is compassionate and merciful? |

<table>
<tr><th colspan="8">Spring 2</th></tr>
<tr><th colspan="2">English</th><th colspan="5">Maths</th><th>Science</th></tr>
<tr><td colspan="2">The Prince who wrote stories<br>Instructions<br>Teaching Reading: Inference, Vocabulary, Prediction.<br>60 second reads.<br><br><u>Grammar, Punctuation and Spelling:</u><br>• Suffixes – ing, ed, er, est, y/ey to words with an e at the end.<br>• Common exception words<br>• Possessive apostrophe.<br>• Commas used in lists.<br>• Capital letters, full stops, finger spaces, exclamation, question marks.</td><td colspan="5">Number: Fractions<br>Measurement: Length and Height<br>Consolidation<br>• Identify and describe the properties of 2-D shapes, including the number of sides, and line symmetry in a vertical line.<br>• Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.<br>• Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid].<br>• Compare and sort common 2-D and 3-D shapes and everyday objects.<br>• Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.<br>• Write simple fractions, for example $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.<br>• Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.<br>• Compare and order lengths, mass, volume/capacity and record the results using >, < and =.</td><td>Plants - Observe and describe how seeds and bulbs grow into mature plants Planting vegetable and flower seeds. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.<br>Mary Agnes Chase, Beth Chatto.</td></tr>
<tr><th>Geography</th><th>Design and Technology</th><th>Music</th><th>PE</th><th>MFL</th><th>Computing</th><th>PSHE</th><th>RE</th></tr>
<tr><td>Place Knowledge - A village in an Amazon Rainforest</td><td>Winding Winches<br>Measure, mark, cut and shape using a range of tools.<br>Explore and use mechanisms.<br>Chn will create a final product featuring a winch system, planning, designing and evaluating the product.</td><td>Charanga<br>Recognising different sounds.</td><td>Target Games Players score when they successfully throw or strike an object closer to a target than their opponents were able to.<br>Net and Wall Games<br>Basic tennis skills.</td><td>Greetings<br>Ask simple questions and answer them<br>Numbers to 31<br>Multiples of 10 to 100<br>Easter Grammar – un/un</td><td>Data and Information - Pictograms</td><td>Relationships<br>To identify and respect the differences and similarities between people. To identify their special people (family, friends, carers), what makes them special and how special people should care for one another.</td><td>Christianity<br>What are the best symbols of Jesus' death and resurrection at Easter?</td></tr>
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| Summer 1 | | | | | | | |
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| English | Maths | | | | | Science | |
| Peter & the Wolf<br>Teaching Reading: Inference, Retrieval, Vocabulary.<br>60 second reads.<br><br>**Grammar, Punctuation: and Spelling:**<br>• el at the end of words.<br>• Using a dictionary and word bank.<br>• Suffixes with words ending in y.<br>• Suffixes 'ment' and 'ness'.<br>• 'or' as an er sound; work, world etc.<br>• Possessive apostrophe.<br>• 'al' at the end of words.<br>• Capital letters, full stops, finger spaces, exclamation, question marks. | Geometry: Position and Direction<br>Problem solving and efficient methods<br>Measurement: Time<br>• Order and arrange combinations of mathematical objects in patterns and sequences.<br>• Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise). compare and sequence intervals of time.<br>• Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.<br>• Know the number of minutes in an hour and the number of hours in a day.<br>• Reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language.<br>• Can solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions. | | | | Living things and their Habitats - Forest Schools<br>Explore and compare the differences between things that are living, dead, and things that have never been alive Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other. Rachel Carson | |
| History | Art and Design | Music | PE | MFL | Computing | PSHE | RE |
| Significant people in our locality - Sudbury, Thomas Gainsborough | Print-making<br>Children will be able to practise print making skills, starting with understanding colour mixing and moving onto making block prints. | Charanga<br>Exploring improvisation | Jogging skills for running for a longer distance.<br>Changing direction.<br>Travelling while bouncing & pushing a ball, jumping for distance, jumping for height.<br><br>Striking and Fielding skills. | Greetings<br>Days of the week<br>Saying please<br>French playground games.<br>Rhymes and simple stories Grammar - Consolidate use of la/le and un/une | Creating Media – Digital music | Living in the wider world.<br>This unit teaches about similarities and differences with other cultures and caring for the environment which includes thinking about how we can be a model citizen within our communities. | Christianity<br>Why do Christians trust Jesus and follow him? |
| Visits and visitors – Sudbury, Gainsborough's House, Felixstowe | | | | | | | |

| Summer 2 | | | | | | | | |
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| English | | | Maths | | | | Science | |
| How the world was made<br>No Nonsense Spelling<br>Discussion Texts<br>Teaching Reading: Inference, Vocabulary, Prediction.<br>60 second reads.<br><br>**Grammar, Punctuation and Spelling:**<br>• Common exception words.<br>• Sounds spelt 'il' at the end of words.<br>• Homophones.<br>• 'o' as an 'u' sound.<br>• Spellings and concepts that pupils need to secure.<br>• Capital letters, full stops, finger spaces, exclamation, question marks. | | | Measurement: Mass, Capacity and Temperature<br>Investigations<br><br>• Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.<br>• Compare and order lengths, mass, volume/capacity and record the results using >, < and =.<br>• Reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language.<br>• Can solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions. | | | Living things and their habitats<br>Identify and name a variety of plants and animals in their habitats, including microhabitats<br>Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food. | |
| Geography | Design and Technology | Music | PE | | MFL | Computing | PSHE | RE |
| Field work and map skills - Exploring our local area | Perfect Puppets<br>Generate and evaluate ideas and products.<br>Design and make a puppet based on their own ideas. | Charanga<br>Our Big Concert. | Personal Challenges<br>Children will compare their performances with previous ones and demonstrate improvement to achieve their personal best in these areas:<br><br>Speed bounce, standing long jump, alternate hand throw, zig zag agility, stork balance, distance run.<br><br>Athletics<br>Sports day practise on field of all events. | | Greetings<br>Days of the week<br>Saying please French playground games.<br>Rhymes and simple stories Grammar - Consolidate use of la/le and un/une | Programming B – Programming quizzes | Living in the wider world.<br>Chn will learn that money comes from different sources and can be used for different purposes, including the concepts of spending and saving. | Judaism<br>Why is the Torah such a joy for the Jewish community? |