


Year 3

	Autumn	Spring	Summer
Maths	<p>In the Autumn term we will begin by looking at place value, learning to compare and order numbers up to at least 1000 and to read and write numbers up to at least 1000 in numerals and in words and to count from 0 in multiples of 50 and 100. We will then look at partitioning these numbers into hundreds, tens and units and calculating what is 10 or 100 more or less than a given number. We will use this knowledge to move on to methods of addition and subtraction including; learning to add and subtract numbers mentally, including a three-digit number and ones; a three-digit number and tens; a three digit number and hundreds; adding and subtracting numbers with up to three digits, using formal written methods of columnar addition and subtraction; estimating the answer to a calculation and use inverse operations to check answers and solving problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. Finally we extend the children's knowledge of multiplication and division through learning to: recall and use multiplication and division facts for the 3,4 and 8 multiplication tables and write and calculating mathematical statements for multiplication and division using the multiplication tables they know.</p>	<p>We will learn to recognise the different coins that we use and know the value of them. We will make totals using different combinations of coins and solve problems involving money. We will use addition to make totals using coins and use subtraction to calculate change. We will practise our 2x, 5x and 10x tables. We will use arrays and number lines to multiply numbers in the 2x, 5x and 10x tables. We will explore the concept of division using groups and use times tables facts to divide using a number line. Children will be taught how to tell the time, this includes o'clock, half past, quarter past and quarter to. We will also learn how to tell the time to the nearest 5 minutes. We will introduce fractions and children will learn to recognise fractions and find fractions in a group of objects or an amount. We will continue to practise times tables to include 2s, 5s, 10s, and 3's.</p>	<p>In the Spring term we will continue to extend the children's knowledge of multiplication and division through learning how to solve problems including missing number problems involving multiplication and division, positive integer scaling problems and corresponding problems in which n objects are connected to m objectives; including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods. We will look at measurement which will involve learning to: measure, compare, add and subtract; lengths (m/cm/mm); solve problems, including missing number problems, using number facts, place value and more complex addition and subtractions; measure the perimeter of simple 2D shapes and continue to measure using the appropriate tools and units, including comparing and using mixed and simple equivalents of mixed units. We will move on to fractions where we will develop the children's knowledge by learning to: recognise and use fractions as numbers; unit fractions and non-unit fractions with small denominators; count up and down in tenths and recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10. We will return to measurements applying our knowledge by learning to measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml); solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction and continue to measure using appropriate tools and units, progressing to using a wider range of</p>

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			measures, including comparing and using mixed units (for example, 1kg and 200g) and simple equivalents of mixed units (for example, 5m = 500 cm).
English	<p>Throughout the autumn terms we have a strong focus on grammar; consolidating the children's understanding of simple and compound sentences, learning to use of inverted commas to demarcate direct speech, using apostrophes for contractions and to show possession, adverbs to indicate time, place and manner and adding description through the use of noun phrases.</p> <p>In Autumn Term 1 we achieve this through basing short written pieces on the books 'Into The Forest' and 'The Tunnel' by Anthony Browne. We also produce fact files about a mythical creature.</p> <p>In Autumn Term 2 we base our writing on 'Stone Age Boy' and 'How To Wash a Woolly Mammoth'.</p> <p>Our spelling lessons will be based on the Herts for Learning Scheme.</p>	<p>In Spring 1 we will read 'Iron Man' before writing our own defeating a monster story. We will consolidate our learning of speech punctuation and apostrophes before introducing figurative language and complex sentences. We will continue to practise this grammar by writing a non-chronological report about robots.</p> <p>In Spring 2 we read 'Journey' by Aaron Becker and the children will write their own journey story using the grammar taught so far as well as exploring when to use standard and non-standard English. They will also write letters to persuade the King to free the phoenix.</p> <p>Our spelling lessons will be based on the Herts For Learning scheme.</p>	<p>During the Summer 1 we will write stories about defeating monsters based on 'Fantastic Mr Fox'. Through these stories the children will try to demonstrate the grammar learned so far and wells as exploring narrative techniques. The children will also look at the use of paragraphs when they write non-chronological reports about nocturnal animals.</p> <p>In Summer 2 our writing is linked to our history topic of Ancient Egypt when we write rags to riches stories based on Egyptian Cinderella and non-chronological reports about this civilisation. We will revisit any areas identified as requiring a recap as well as allowing the children the opportunity to showcase the grammar learned throughout the year.</p> <p>Our spelling lessons will be based on the Herts For Learning scheme.</p>
Topic	<p>In Autumn 1 our work will be based around 'Into the Forest' and 'The Tunnel' by Anthony Browne. Our DT will explore the use of 3-nets in packaging and we will design a box to take a cake to 'Grandma'. Geography will involve learning the 8 points of a compass, plotting coordinates, identifying map symbols as well</p>	<p>In Spring 1 we will make moving monsters which incorporate pneumatic systems to link in with Iron Man and the non-fiction texts about robots we will be reading in English. We will create pencil sketches of the Iron Man following a tutorial by the book's illustrator Chris Mould.</p>	<p>In Summer 1 we will be creating sculptures to represent the eyes of the nocturnal animals we will be reading about during our English topic of 'Fantastic Mr Fox' by Roald Dahl. We will briefly look at times zones in geography.</p> <p>In Summer 2 our topic of Ancient Egypt will provide links across many curricular areas. We will add to our historical timeline</p>

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	<p>as locating the UK and countries of Europe using an atlas.</p> <p>In Autumn 2 we will learn about life during the period of The Stone Age and our activities will include trying some recipes to experience what food would have been like at that time and examining 'organic remains' to help understand how the location of a tribe affected their diet. We will be reading 'Stone Age Boy' by Satoshi Kitamura and 'How to Wash a Woolly Mammoth' by Michelle Robinson in English and our writing will be based on these texts. In art we will explore different pencil techniques through replicating cave paintings from The Stone Age using charcoal.</p> 	<p>In Spring 2 we will study mountains and rivers in geography lessons as well as creating river images using a pointillist style of painting in art.</p>	<p>and draw comparisons between ancient civilisations and our own. We will be thinking about why the Nile was so important and consider land use then and now. Our DT will involve making models of shadufs using levers and linkages whilst we will read base our writing on The Egyptian Cinderella in English. We will spend a day dressing up as Ancient Egyptians, cooking flat bread, dancing and writing in hieroglyphics.</p>
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