



## Oakfield Primary School - Maths - Autumn Term

**EYFS:** Counting – chanting numbers in order, patterns, days of the week, language related to time, see o'clock times in the context of their daily routine, introduced to the language of position, introduction to addition and subtraction. length and height, capacity, 2D shape, month of the year, seasons, start to use money in small amounts, matching written numerals.

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p><b>Counting and representing numbers</b> Week 1 - counting, ordering, comparing numbers to 20 and beyond.</p> <p><b>Addition and subtraction</b> Weeks 2 and 3 number stories, for addition / subtraction facts, doubles and counting on / back 1.</p> <p><b>2D shapes</b> Week 4 2D shapes: identifying, naming and sorting according to different properties.</p> <p><b>Place value and representing numbers</b> Weeks 5 and 6 reading, writing, comparing, ordering numbers to 20 and beyond; adding / subtracting 1 or 10.</p> <p><b>Addition and subtraction</b> Week 7 using number facts; representing addition and subtraction with concrete objects.</p> <p><b>Position and direction; length</b> Week 8 establishing position and direction, then</p>	<p><b>Place value.</b> Week 1 place value in numbers 0-100 and different ways of representing, comparing and ordering these.</p> <p><b>Addition and subtraction.</b> Weeks 2 and 3 learning and using addition and subtraction number facts, including bonds to 10, in simple and harder calculations.</p> <p><b>2D shapes.</b> Week 4 identifying and classifying 2D shapes, using a variety of sorting devices.</p> <p><b>Place value; ordinal numbers</b> Weeks 5 and 6 developing a good understanding of place value, comparing and ordering numbers to 100, including ordinal numbers.</p> <p><b>Addition and subtraction</b> Week 7 adding and subtracting smaller 2-digit numbers to and from larger ones.</p> <p><b>Position and direction; length.</b></p>	<p><b>Addition and subtraction</b> Weeks 1 and 2 focus on revising the understanding and use of place value and number facts in mental addition and subtraction.</p> <p><b>Multiplication and division</b> Week 3 focuses on key multiplication and division facts and on doubling and halving.</p> <p><b>Time; 3D shapes</b> Week 4 telling the time with increasing accuracy, and identifying, describing and sorting 3D shapes.</p> <p>Week 5 placing 2- and 3-digit numbers on a line and using an empty number line to find differences.</p> <p><b>Multiplication and division; fractions</b> Week 6 doubling and halving, and understanding a half and other unit fractions.</p> <p><b>Place value in addition and subtraction</b> Week 7 understanding place value, including in money, and on using partitioning in adding and subtracting.</p>	<p><b>Addition and subtraction</b> Weeks 1 and 2 mental strategies in addition and subtraction, including the use of a robust understanding of place value.</p> <p><b>Addition and subtraction</b> Weeks 1 and 2 mental strategies in addition and subtraction, including the use of a robust understanding of place value.</p> <p><b>Multiplication and division</b> Week 3 learning and using multiplication and division facts in solving more advanced problems.</p> <p><b>Time; length</b> Week 4 telling the time, calculating time intervals and using m, cm and mm in the measurement of lengths.</p> <p><b>Addition and subtraction</b> Week 5 understanding and using formal written methods of addition and subtraction.</p> <p><b>Fractions and decimals; addition</b></p>	<p><b>Addition and subtraction</b> Weeks 1 and 2 establishing a robust understanding of place value and using this in the development of addition and subtraction calculation strategies.</p> <p><b>Decimals; multiplication and division</b> Week 3 multiplying and dividing to get decimal numbers, and then on mental strategies in multiplication and division.</p> <p><b>Time; length</b> Week 4 calculating time intervals and on measuring lengths in cm and mm including perimeters.</p> <p><b>Subtraction</b> Week 5 using formal written subtraction and counting up as appropriate, including when finding change.</p> <p><b>Multiplication and division; fractions</b> Weeks 6 and 7 multiplication and division, and extend children's understanding of fractions.</p>	<p><b>Place value; addition</b> Weeks 1 and 2 establishing a robust understanding of place value in relation to whole numbers and decimals, which is then used in written methods and mental strategies in addition.</p> <p><b>Algebra</b> Week 3 algebra - developing the use of trial and improvement methods, knowledge of the order of operations including brackets, and the manipulation of sentences containing unknowns.</p> <p><b>Measures</b> Week 4 measurement in and conversion of SI and imperial units; it also covers the use of 24-hour clock and calculation of time intervals.</p> <p><b>Subtraction</b> Week 5 mental strategies and written methods in subtracting and the appropriate use of both with whole and decimal numbers, including money.</p>



<p>comparing and measuring lengths with uniform units.</p> <p><b>Addition and subtraction; money</b></p> <p>Weeks 9 and 10 counting on or back 1 / 2 / 3 and recognising coins, then finding totals.</p>	<p>Week 8 understanding the vocabulary associated with position and movement and then comparing and measuring lengths using cm and m.</p> <p><b>Addition and subtraction.</b></p> <p>Week 9 adding, subtracting, doubling and halving 2-digit numbers, using an understanding of place value.</p> <p><b>Using money in calculations</b></p> <p>Week 10 counting in uniform steps, using coins to help us create sequences and find totals.</p>	<p><b>Place value</b></p> <p>Week 8 the SI units and measurement of length and capacity.</p> <p><b>Place value; difference</b></p> <p>Week 9 using number lines to compare and round numbers and to find differences.</p> <p><b>Revision</b></p> <p>Week 10 revision of key calculation strategies and their use in word problems.</p>	<p>Weeks 6 and 7 fractions and decimals, and end by using place value in formal addition.</p> <p><b>Fractions and decimals; addition</b></p> <p>Weeks 6 and 7 fractions and decimals, and end by using place value in formal addition.</p> <p><b>Measures; data</b></p> <p>Week 8 using SI units in measuring, reading scales and collecting, interpreting and recording data.</p> <p><b>Subtraction</b></p> <p>Week 9 using place value to underpin an understanding of different methods in subtraction and to choose between these.</p> <p><b>Multiplication and division</b></p> <p>Week 10 developing a knowledge and understanding of multiplication and division to enable children to tackle harder problems.</p>	<p><b>Angles</b></p> <p>Week 8 the concept of angles as degrees of 'turn', and on comparison, identification and measurement of angles.</p> <p><b>Whole numbers, decimals and fractions</b></p> <p>Week 9 comparing and ordering whole numbers and decimals, and on equivalence in relation to proper fractions and decimals.</p> <p><b>Revision</b></p> <p>Week 10 revision of the four operations, including calculation strategies and the inverse relation between addition and subtraction, multiplication and division.</p>	<p><b>Multiplication</b></p> <p>Week 6 mental strategies and written methods in multiplying; both long and short multiplication are rehearsed, alongside a range of mental tactics.</p> <p><b>Negative numbers; fractions</b></p> <p>Week 7 positive and negative whole numbers, and then comparing, ordering, adding and subtracting fractions, including mixed numbers.</p> <p><b>Shape, and measurement in relation to shape</b></p> <p>Week 8 2D shapes, their properties, areas, and perimeters, and 3D shapes, their nets, volumes and properties.</p> <p><b>Division; fractions and percentages</b></p> <p>Weeks 9, 10 and 11 division and fractions; children rehearse mental strategies and short division, giving remainders as fractions; fractions are added, subtracted, multiplied and divided; finding percentages is also covered.</p>
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