

Autumn 1	Theme	Objectives
1	Partitioning	<b>Learning outcome:</b> to count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward. To recognise the place value of each digit in a two digit number
2	Addition	<b>Learning outcome:</b> to add a two digit number to a two digit number. To count in tens from any given number.
3	Addition	<b>Learning outcome:</b> to add a two digit number to a two digit number. To count in tens from any given number.
4	Subtraction	<b>Learning outcome:</b> to subtract a one and a two digit number from a two digit number. To count back in tens from any given number.
5	Subtraction word problems	<b>Learning outcome:</b> to solve problems with addition and subtraction: To use concrete objects and pictorial representations, including those involving numbers, quantities and measures To apply their increasing knowledge of mental and written methods
6	- and + empty number line	<b>Learning outcome:</b> solve problems with addition and subtraction: To use concrete objects and pictorial representations, including those involving numbers, quantities and measures To apply their increasing knowledge of mental and written methods

Autumn 2	Theme	Objectives
1	Times tables/arrays	<b>Learning outcome:</b> Count in steps of 2, 3 and 5 from 0 and count back in 10s from any number. To solve problems involving multiplication using arrays and repeated addition including problems in contexts.
2	Times tables continued	Continue for another week
3	Division	<b>Learning outcome:</b> To recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers To calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ( $\times$ ), division ( $\div$ ) and equals (=) signs To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
4	Fractions	<b>Learning outcome:</b> To recognise, find, name and write fractions $\frac{3}{4}$ , $\frac{1}{4}$ of a length, shape, set of objects or quantity. To write simple fractions $\frac{1}{2}$ of $6 = 3$ and recognise the equivalence of
5	Fractions continued	Continue for another week
6	Inverse of + and - and $\times$ and /	<b>Learning outcome:</b> To know the inverse of the symbols + and -, $\times$ and / <b>Learning outcome:</b> To solve problems involving addition, subtraction, multiplication and division.
7	Christmas maths problem solving	

Spring 1	Theme	Objectives
1	Problem solving involving + - / x	<b>Learning outcome:</b> to solve problems involving addition, subtraction, multiplication and division. Saved as investigations (rename)
2	Measure-length	<b>Learning outcome:</b> To choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); To use a ruler. To compare and order lengths recording the results using <, > and = To solve problems involving addition, subtraction, multiplication and division.
3	Measure-capacity	<b>Learning outcome:</b> To choose and use appropriate standard units to estimate and measure capacity direction (ml/cl/l); To use measuring apparatus (measuring cylinders, mugs and other vessels) To compare and order objects with different capacities recording the results using <, > and = To solve problems involving addition, subtraction, multiplication and division.
4	Measure- weight	<b>Learning outcome:</b> To choose and use appropriate standard units to estimate and measure weight (g/kg) To use measuring apparatus To solve problems involving addition, subtraction, multiplication and division.
5	Money-link to Mr Wolfs pancakes	<b>Learning outcome:</b> To recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. To find different combinations of coins that equal the same amounts of money solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change

Spring 2	Theme	Objectives
1	Shape/symmetry	<b>Learning outcome:</b> To solve problems involving addition, subtraction, multiplication and division. To identify and describe 3d shapes. To identify the line of symmetry in 2d shapes.
2	Money	<b>Learning outcome:</b> To recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value To find different combinations of coins that equal the same amounts of money solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
3	Money word problems	Continue for another week
4	Times and divide	<b>Learning outcome:</b> To calculate mathematical statements for multiplication and division.
5	Time problem solving	<b>Learning outcome:</b> Time: To read time to 5 minute intervals, including o'clock, quarter past, half past and quarter to. To compare and order time intervals.
6	Easter maths problem solving	

Summer1	Theme	Objectives
1	Problem solving involving all areas of learning	LO: To solve multiplication problems using repeated addition. LO: To solve problems involving all four operations. LO: To find fractions of amounts e.g. $\frac{1}{4}$ , $\frac{2}{4}$ , $\frac{3}{4}$ , $\frac{1}{3}$ . To write simple fractions e.g. $\frac{1}{2}$ of 6 = 3.
2	Problem solving involving all areas of learning	Continue for another week
3	Problem solving involving all areas of learning	Continue for another week
4	SATs	
5	SATs	
6	2D and 3D shape	<b>Learning outcome:</b> To identify and describe the properties of 2D and 3D shapes. Identify 2D shapes on the surface of 3D shapes

Summer2	Theme	Objectives
1	Position and Direction	<b>Learning outcome:</b> To 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)
2	Column addition	<b>Learning outcome:</b> To read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs To add and subtract one-digit and two-digit numbers to 20, including zero To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations
3	Data handling	<b>Learning outcome:</b> To interpret and construct simple pictograms, tally charts, block diagrams and simple tables. To ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
4	Maths board games involving key vocabulary such as: doubles/halves/even/odd	<b>Learning outcome:</b> To use place value and number facts to solve problems. To use the four operations.
5	Money	<b>Learning outcome:</b> To read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs To add and subtract one-digit and two-digit numbers to 20, including zero To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations
6	Production practise	
7	Summer maths problem solving- transition activities	