

MATHS MEDIUM TERM PLANS

Summer 2023-2024

YEAR 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value (within 10)					Number Addition and subtraction (within 10)					Geometry Shape	Consolidation
Spring	Number Place value (within 20)			Number Addition and subtraction (within 20)			Number Place value (within 50)		Measurement Length and height		Measurement Mass and volume	
Summer	Number Multiplication and division			Number Fractions		Geometry Position and direction	Number Place value (within 100)		Measurement Money	Measurement Time		Consolidation

YEAR 1 - SUMMER A

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Number: Multiplication and Division			Number: Fractions		Geometry- position
Small Steps Progression	Count in 2's Count in 10's Count in 5's	Recognise equal groups Add equal groups Make arrays	Make doubles Make equal groups – grouping Make equal groups - sharing	Recognise half of an object/shape Find half of an object/shape Recognise half of a quantity Find half of a quantity	Recognise quarter of an object/shape Find quarter of an object/shape Recognise quarter of a quantity Find quarter of a quantity	Describe turns Left and right Forwards and backwards Above and below Ordinal numbers
National Curriculum Links	Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s Solve one-step problems involving multiplication and division by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher			Recognise, find and name a half as one of two equal parts of an object, shape or quantity. Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.		Describe position, direction and movement, including whole, half, quarter and three quarter turns

YEAR 1 - SUMMER B

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Number: Place Value (within 100)		Measurement – Money	Measurement – time		Consolidation
Small Steps Progression	Count from 50 to 100 Tens to 100 Partition into tens and ones	The number line to 100 1 more, 1 less Compare numbers with the same number of tens Compare any two numbers.	Unitising Recognise coins Recognise notes Count in coins	Before and after Days of the week Months of the year	Hours, minutes and seconds Tell the time to the hour Tell the time to the half hour	
National Curriculum Links	Count to 100, forwards/backwards, starting with 0 or 1, or from any given number. Count, read and write numbers to 100 in numerals Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than, most, least. Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s Given a number identify one more and one less.		Recognise and know the value of different denominations of coins and notes.	Sequence events in chronological order. Recognise and use language related to dates including days of the week, weeks, months and years. Tell the time to the hour and half past the hour and draw hands on a clock face to show these times. Compare, describe and solve practical problems for time. Measure and begin to record time.		

YEAR 2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	<p>Number</p> <h2>Place value</h2> <p>VIEW</p>				<p>Number</p> <h2>Addition and subtraction</h2> <p>VIEW</p>				<p>Geometry</p> <h2>Shape</h2> <p>VIEW</p>			
Spring term	<p>Measurement</p> <h2>Money</h2> <p>VIEW</p>	<p>Number</p> <h2>Multiplication and division</h2> <p>VIEW</p>				<p>Measurement</p> <h2>Length and height</h2> <p>VIEW</p>	<p>Measurement</p> <h2>Mass, capacity and temperature</h2> <p>VIEW</p>					
Summer term	<p>Number</p> <h2>Fractions</h2> <p>VIEW</p>			<p>Measurement</p> <h2>Time</h2> <p>VIEW</p>			<h2>Statistics</h2> <p>VIEW</p>	<p>Geometry</p> <h2>Position and direction</h2> <p>VIEW</p>		<p>Consolidation</p>		

YEAR 2 - SUMMER A

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Fractions			Time		
Small Steps Progression	<p>Introductions to parts and wholes</p> <p>Equal and unequal parts</p> <p>Recognise a half</p> <p>Find a half</p>	<p>Recognise a quarter</p> <p>Find a quarter</p>	<p>Recognise a third</p> <p>Find a third</p> <p>Find the whole</p>	<p>O'clock and half past</p> <p>Quarter to and quarter past</p>	<p>Tell time past the hour</p> <p>Tell time to the hour</p> <p>Tell the time to 5 minutes</p>	<p>Minutes in an hour</p> <p>Minutes in a day</p>
National Curriculum Links	<p>Recognise, name, find and write fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.</p> <p>Write simple fractions eg: $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$</p>			<p>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.</p> <p>Know the number of minutes in an hour and the number of hours in a day.</p> <p>Compare and sequence intervals of time.</p>		

YEAR 2 - SUMMER B

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Statistics		Position and Direction		Consolidation	
Small Steps Progression	<p>Make tally charts</p> <p>Tables</p> <p>Block diagrams</p>	<p>Draw pictograms</p> <p>Interpret pictograms</p> <p>Draw pictograms (2, 5 and 10)</p> <p>Interpret pictograms (2, 5 and 10)</p>	<p>Language of position</p> <p>Describe movement</p> <p>Describe turns</p>	<p>Describe movements and turns</p> <p>Shape patterns with turns</p>		
National Curriculum Links	<p>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</p> <p>Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.</p> <p>Ask and answer questions about totalling and comparing categorical data</p>		<p>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).</p> <p>Order and arrange combinations of mathematical objects in patterns and sequences</p>			

YEAR 3

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value			Number Addition and subtraction				Number Multiplication and division A				
Spring	Number Multiplication and division B			Measurement Length and perimeter			Number Fractions A		Measurement Mass and capacity			
Summer	Number Fractions B		Measurement Money		Measurement Time			Geometry Shape		Statistics		Consolidation

YEAR 3 - SUMMER A

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Number: Fractions B		Money		Time	
Small Steps Progression	Add fractions Subtract fractions Partition the whole	Unit fractions of a set of objects Non unit fractions of a set of objects. Reasoning with fractions of an amount	Pounds and pence Convert pounds and pence	Add money Subtract money Find change	Roman numerals to 12 Tell the time to 5 minutes Tell the time to a minute Read time on a digital clock	Use a.m and p.m Years, months and days Days and hours Hours and minutes
National Curriculum Links	Add and subtract fractions with the same denominator within one whole Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators		Add and subtract amounts of money to give change, using both £ and p in practical contexts		Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clock Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight Know the number of seconds in a minute and the number of days in each month, year and leap year Compare durations of events	

YEAR 3 - SUMMER B

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Time	Shape		Statistics		Consolidation
Small Steps Progression	Hours and minutes – durations Minutes and seconds Units of time Solve problems with time	Turns and angles Right angles Compare angles Measure and draw accurately Horizontal and vertical	Parallel and perpendicular Recognise and describe 2d shapes Draw polygons Recognise and describe 3d shapes Make 3d shapes	Interpret pictograms Draw pictograms Interpret bar charts	Draw bar charts Collect and represent data Two – way tables	
National Curriculum Links	See previous page	Recognise angles as a property of shape or a description of a turn Identify right angles, recognise that two right angles make a half turn, three make three-quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle Measure the perimeter of simple 2-D shapes Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them Measure, compare, add and subtract: lengths (m/cm/mm); Identify horizontal and vertical lines and pairs of perpendicular and parallel lines		Interpret and present data using bar charts, pictograms and tables Solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables		

YEAR 4

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value				Number Addition and subtraction			Measurement Area	Number Multiplication and division A			Consolidation
Spring	Number Multiplication and division B			Measurement Length and perimeter		Number Fractions				Number Decimals A		
Summer	Number Decimals B		Measurement Money		Measurement Time		Consolidation	Geometry Shape		Statistics	Geometry Position and direction	

YEAR 4 - SUMMER A

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Number: Decimals B		Money		Time	
Small Steps Progression	<p>Make a whole with tenths</p> <p>Make a whole with hundredths</p> <p>Partition decimals</p> <p>Flexibly partition decimals</p>	<p>Compare decimals</p> <p>Order decimals</p> <p>Round to the nearest whole number</p> <p>Halves and quarters as decimals</p>	<p>Write money using decimals</p> <p>Convert between pounds and pence</p> <p>Compare amounts of money</p>	<p>Estimate with money</p> <p>Calculate with money</p> <p>Solve problems with money</p>	<p>Years, months, weeks and days</p> <p>Hours, minutes and seconds</p> <p>Convert between digital and analogue time</p>	<p>Convert to the 24 hour clock</p> <p>Convert from the 24 hour clock.</p>
National Curriculum Links	<p>Recognise and write decimal equivalents of any number of tenths or hundredths</p> <p>Compare numbers with the same number of decimal places up to 2 decimal places</p> <p>Count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10</p> <p>Recognise and show, using diagrams, families of common equivalent fractions</p> <p>Solve simple measure and money problems involving fractions and decimals to 2 decimal places</p> <p>Round decimals with 1 decimal place to the nearest whole number</p>		<p>Estimate, compare and calculate different measures, including money in pounds and pence</p>		<p>Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days</p> <p>Read, write and convert time between analogue and digital 12- and 24-hour clocks</p>	

YEAR 4 - SUMMER B

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Shape		Statistics	Position and Direction		Consolidation
Small Steps Progression	Understand angles as turns Identify angles Compare and order angles Triangles	Quadrilaterals Polygons Lines of symmetry Complete a symmetric figure	Interpret charts Comparison, sum and difference Interpret line graphs Draw line graphs	Describe position using coordinates Plot coordinates	Draw 2 d shapes on grids Translate on a grid Describe translation on a grid	
National Curriculum Links	Recognise angles as a property of shape or a description of a turn (Y3) Identify acute and obtuse angles and compare and order angles up to two right angles by size Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes Identify lines of symmetry in 2-D shapes presented in different orientations Complete a simple symmetric figure with respect to a specific line of symmetry		Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	Describe positions on a 2-D grid as coordinates in the first quadrant Plot specified points and draw sides to complete a given polygon Describe movements between positions as translations of a given unit to the left/right and up/down		