

# Links to the Primary Mathematics Framework

## Song Resource Pack 3

Song	Theme	Year group	Strand	Objective Links
1 Compass Rock	Compass Points	Y3	5 Understanding shape	Read and record the vocabulary of position, direction and movement, using the four compass directions to describe movement about a grid
		Y4	5 Understanding shape	Recognise horizontal and vertical lines; use the eight compass points to describe direction; describe and identify the position of a square on a grid of squares
2 Five Wars	5 Times Tables	Y3	3 Knowing and using number facts	Derive and recall multiplication facts for the 2, 3, 4, 5, 6 and 10 times-tables and the corresponding division facts
		Y4	3 Knowing and using number facts	Derive and recall multiplication facts up to $10 \times 10$ , the corresponding division facts
		Y5	3 Knowing and using number facts	Recall quickly multiplication facts up to $10 \times 10$ and use them to multiply pairs of multiples of 10 and 100; derive quickly corresponding division facts
3 Get Your Bananas	4 Times Table	Y3	3 Knowing and using number facts	Derive and recall multiplication facts for the 2, 3, 4, 5, 6 and 10 times-tables and the corresponding division facts
		Y4	3 Knowing and using number facts	Derive and recall multiplication facts up to $10 \times 10$ , the corresponding division facts
		Y5	3 Knowing and using number facts	Recall quickly multiplication facts up to $10 \times 10$ and use them to multiply pairs of multiples of 10 and 100; derive quickly corresponding division facts
4 Honest Joe	Number Pairs to 100	Y3	1 Using and applying mathematics	Solve one-step and two-step problems involving numbers, money or measures, including time, choosing and carrying out appropriate calculations
			3 Knowing and using number facts	Derive and recall all addition and subtraction facts for each number to 20, sums and differences of multiples of 10 and number pairs that total 100
		Y4	1 Using and applying mathematics	Solve one-step and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations, using calculator methods where appropriate
			3 Knowing and using number facts	Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs of multiples of 10, 100 or 1000
5 Measurement Conversion	Measures	Y3	6 Measuring	Know the relationships between kilometres and metres, metres and centimetres, kilograms and grams, litres and millilitres
		Y4	6 Measuring	Choose and use standard metric units and their abbreviations when estimating, measuring and recording length, weight and capacity; know the meaning of 'kilo', 'centi' and 'milli' and, where appropriate, use decimal notation to record measurements (e.g. 1.3 m or 0.6 kg)

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6 Mini Adventure	Position and Movement	Y2	5 Understanding shape	Recognise and use whole, half and quarter turns, both clockwise and anticlockwise; know that a right angle represents a quarter turn
		Y3	5 Understanding shape	Read and record the vocabulary of position, direction and movement, using the four compass directions to describe movement about a grid Use a set-square to draw right angles and to identify right angles in 2-D shapes; compare angles with a right angle; recognise that a straight line is equivalent to two right angles
		Y4	5 Understanding shape	Recognise horizontal and vertical lines; use the eight compass points to describe direction; describe and identify the position of a square on a grid of squares Know that angles are measured in degrees and that one whole turn is $360^\circ$ ; compare and order angles less than $180^\circ$
7 Mirror Mirror	Reflective Symmetry	Y2	5 Understanding shape	Identify reflective symmetry in patterns and 2-D shapes and draw lines of symmetry in shapes
		Y3	5 Understanding shape	Draw and complete shapes with reflective symmetry; draw the reflection of a shape in a mirror line along one side
8 Pizza	6 Times Table	Y3	3 Knowing and using number facts	Derive and recall multiplication facts for the 2, 3, 4, 5, 6 and 10 times-tables and the corresponding division facts
		Y4	3 Knowing and using number facts	Derive and recall multiplication facts up to $10 \times 10$ , the corresponding division facts
		Y5	3 Knowing and using number facts	Recall quickly multiplication facts up to $10 \times 10$ and use them to multiply pairs of multiples of 10 and 100; derive quickly corresponding division facts
9 Polygon Memory Song	2D Shape Names	Y3	5 Understanding shape	Relate 2-D shapes and 3-D solids to drawings of them; describe, visualise, classify, draw and make the shapes
		Y4	5 Understanding shape	Draw polygons and classify them by identifying their properties
10 Rounding	Rounding to 10/100	Y3	2 Counting and understanding number	Round two-digit or three-digit numbers to the nearest 10 or 100
		Y4	2 Counting and understanding number	Partition, round and order four-digit whole numbers
		Y5	2 Counting and understanding number	Explain what each digit represents in whole numbers and decimals with up to two places, and partition, round and order these numbers
		Y6	2 Counting and understanding number	Round and order decimals with up to three places
11 Salami Man	Fractions Totalling 1	Y4	1 Using and applying mathematics	Numbers Solve one-step and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations, using calculator methods where appropriate
			3 Knowing and using number facts	Identify pairs of fractions that total 1

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13 The Change	Money/ Change	Y3	1 Using and applying mathematics	Solve one-step and two-step problems involving numbers, money or measures, including time, choosing and carrying out appropriate calculations
			4 Calculating	Add or subtract mentally combinations of one-digit and two-digit
		Y4	1 Using and applying mathematics	Numbers Solve one-step and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations, using calculator methods where appropriate
			4 Calculating	Add or subtract mentally pairs of two-digit whole numbers (e.g. 47 + 58, 91 - 35)
14 The Hat-Trick Song	3 Times Table	Y3	3 Knowing and using number facts	Derive and recall multiplication facts for the 2, 3, 4, 5, 6 and 10 times-tables and the corresponding division facts
		Y4	3 Knowing and using number facts	Derive and recall multiplication facts up to $10 \times 10$ , the corresponding division facts
		Y5	3 Knowing and using number facts	Recall quickly multiplication facts up to $10 \times 10$ and use them to multiply pairs of multiples of 10 and 100; derive quickly corresponding division facts
15 Where's Polygon	Mapping 2D Shapes	Y3	5 Understanding shape	Relate 2-D shapes and 3-D solids to drawings of them; describe, visualise, classify, draw and make the shapes
		Y4	5 Understanding shape	Draw polygons and classify them by identifying their properties
16 Wiggle	9 Times Table	Y4	3 Knowing and using number facts	Derive and recall multiplication facts up to $10 \times 10$ , the corresponding division facts
		Y5	3 Knowing and using number facts	Recall quickly multiplication facts up to $10 \times 10$ and use them to multiply pairs of multiples of 10 and 100; derive quickly corresponding division facts
17 Quick Fire – Alpha Challenge	Recall of Facts	Y3	1 Using and applying mathematics	Solve one-step and two-step problems involving numbers, money or measures, including time, choosing and carrying out appropriate calculations
			3 Knowing and using number facts	Derive and recall all addition and subtraction facts for each number to 20, sums and differences of multiples of 10 and number pairs that total 100 Derive and recall multiplication facts for the 2, 3, 4, 5, 6 and 10 times-tables and the corresponding division facts; recognise multiples of 2, 5 or 10 up to 1000
			4 Calculating	Add or subtract mentally combinations of one-digit and two-digit numbers Multiply one-digit and two-digit numbers by 10 or 100
			6 Measuring	Know the relationships between kilometres and metres, metres and centimetres, kilograms and grams, litres and millilitres calculate time intervals and find start or end times for a given time interval

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<b>18</b> Quick Fire – Beta Challenge	Recall of Facts	Y4	1 Using and applying mathematics	Numbers Solve one-step and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations, using calculator methods where appropriate
			3 Knowing and using number facts	Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs of multiples of 10, 100 or 1000 Identify the doubles of two-digit numbers; use these to calculate doubles of multiples of 10 and 100 and derive the corresponding halves Derive and recall multiplication facts up to $10 \times 10$ , the corresponding division facts and multiples of numbers to 10 up to the tenth multiple Identify pairs of fractions that total 1
			4 Calculating	Add or subtract mentally pairs of two-digit whole numbers (e.g. $47 + 58$ , $91 - 35$ ) Multiply and divide numbers to 1000 by 10 and then 100 (whole-number answers), Find fractions of numbers, quantities or shapes
			6 Measuring	Know the meaning of 'kilo', 'centi' and 'milli' and, where appropriate, use decimal notation to record measurements Calculate time intervals from clocks and timetables
<b>B1</b> Birthday Countdown	7 Times Table	Y4	3 Knowing and using number facts	Derive and recall multiplication facts up to $10 \times 10$ , the corresponding division facts
		Y5	3 Knowing and using number facts	Recall quickly multiplication facts up to $10 \times 10$ and use them to multiply pairs of multiples of 10 and 100; derive quickly corresponding division facts
<b>B2</b> Octopus Takeover	8 Times Table	Y4	3 Knowing and using number facts	Derive and recall multiplication facts up to $10 \times 10$ , the corresponding division facts
		Y5	3 Knowing and using number facts	Recall quickly multiplication facts up to $10 \times 10$ and use them to multiply pairs of multiples of 10 and 100; derive quickly corresponding division facts