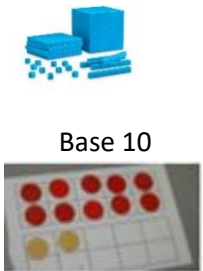




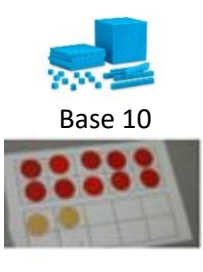
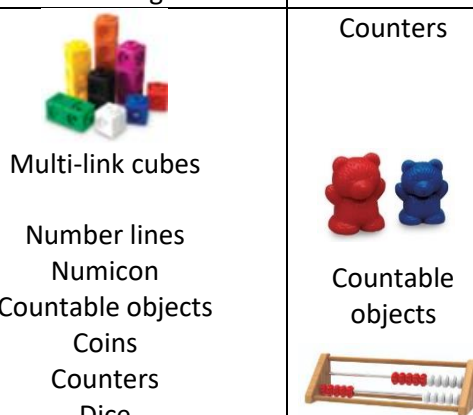






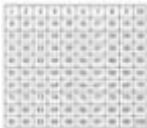
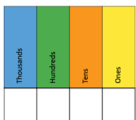


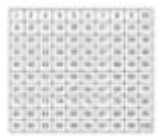
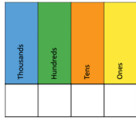



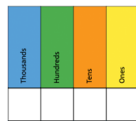




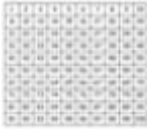


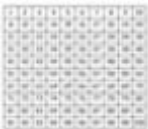



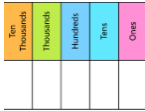

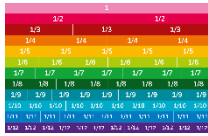

Maths Manipulatives KS1




	Place Value	Addition and subtraction	Multiplication and division	Fractions	Geometry	Measuring	Position and direction
Year 1	 <p>Base 10</p> <p>Counters, including double sided counters and tens frames.</p>	 <p>Multi-link cubes</p> <p>Numicon</p> <p>Countable objects Coins Counters Dice Beadstrings</p>	<p>Counters</p>  <p>Countable objects</p>	 <p>Multi-link cubes</p> <p>Countable objects</p>	<p>Sorting hoops</p>  <p>2D shapes- triangles, circles, triangles, squares, rectangles pentagons, hexagons, heptagons, octagons</p> <p>3D shapes- cubes, cuboids, cylinders, spheres, cones, pyramids.</p>	<p>Jugs Rulers Scales</p>	
Year 2	 <p>Base 10</p> <p>Counters, including double sided counters and tens frames</p>	 <p>Multi-link cubes</p> <p>Number lines Numicon</p> <p>Countable objects Coins Counters Dice Rekenreks</p>	<p>Counters</p>  <p>Countable objects</p>  <p>Rekenreks</p>	 <p>Multi-link cubes</p> <p>Countable objects</p>	<p>Sorting hoops</p>  <p>2D shapes- triangles, circles, triangles, squares, rectangles pentagons, hexagons, heptagons, octagons</p> <p>3D shapes- cubes, cuboids, cylinders,</p>	<p>Jugs Rulers Scales Analogue Clocks Sand timers Stop Watches</p>	<p>Bee Bots</p> 

	Hundred Squares	Beadstrings			spheres, cones, pyramids.		
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Maths Manipulatives and equipment Lower KS2


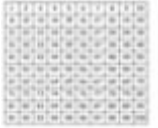
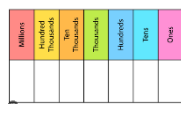

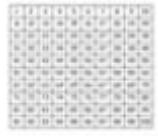
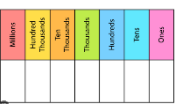






	Place Value	Addition and subtraction	Multiplication and division	Fractions	Geometry	Measuring
Year 3	<p>Base 10</p>  <p>Hundreds squares</p>  <p>Place value charts (Th, H, T, U)</p>  <p>Counters (TH, H, T, U)</p>  <p>Number lines</p>	<p>Base 10</p>  <p>Hundreds squares</p>  <p>Place value charts (Th, H, T, U)</p>  <p>Counters (TH, H, T, U)</p> 	<p>Base 10</p>  <p>Counters (TH, H, T, U)</p>  <p>Place value charts (Th, H, T, U)</p>  <p>Dice</p>	<p>Multi-link cubes</p>  <p>Counters</p>	<p>2D shapes- triangles, quadrilaterals, pentagons, hexagons, heptagons, octagons</p> <p>3D shapes- cubes, cuboids, cylinders, spheres, cones, triangular prism, triangular-based pyramid, square-based pyramid.</p>	<p>Multi-link cubes (area and perimeter)</p> <p>Rulers Meter rulers Analogue clocks</p>





	Arrow cards					
	Place Value	Addition and subtraction	Multiplication and division	Fractions	Geometry	Measuring
Year 4	<p>Base 10</p>  <p>Hundreds squares</p>  <p>Place value charts (Tth,Th, H, T,U)</p> 	<p>Base 10</p>  <p>Hundreds squares</p>  <p>Place value charts (Tth,Th, H, T,U)</p> 	<p>Base 10</p>  <p>Counters (TH, H, T, U)</p>  <p>Place value charts (Tth,Th, H, T,U)</p> 	<p>Multi-link cubes</p>  <p>Counters</p> <p>Number Lines</p>  <p>Fraction wall</p>	<p>2D shapes- triangles (equilateral, isosceles, scalene), quadrilaterals, pentagons, hexagons, heptagons, octagons</p>  <p>Multi-link cubes (area and perimeter)</p> <p>Rulers</p> <p>Meter rulers</p> <p>Analogue clocks</p> <p>Digital clocks</p>	

	 <p>Counters (TH, H, T, U)</p> <p>Number lines Arrow cards Tens frames</p>	 <p>Counters (TH, H, T, U)</p>	 <p>Cuisenaire rods</p> <p>Dice</p>		
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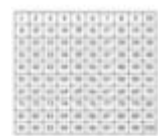


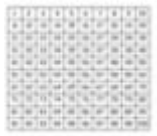




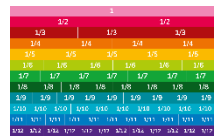


Maths Manipulatives and equipment

Upper KS2

	Place Value	Addition and subtraction	Multiplication and division	Fractions	Geometry	Measuring
Year 5	 <p>Base 10</p>  <p>Hundreds squares</p> 	 <p>Base 10</p>  <p>Hundreds squares</p> 	 <p>Base 10</p>  <p>Counters (TH, H, T, U)</p>	 <p>Multi-link cubes</p> <p>Counters</p> <p>Number lines</p> 	 <p>protractors</p> <p>2D shapes- triangles (equilateral, isosceles, scalene) quadrilaterals.</p> <p>Mirrors (reflection)</p>	 <p>Multi-link cubes (area and perimeter)</p> <p>Rulers Meter rulers</p>

	<p>Place value charts (Including millions)</p>  <p>Counters (TH, H, T, U)</p> <p>Number lines Tens frames</p>	<p>Place value charts (Including millions)</p>  <p>Counters (TH, H, T, U)</p>	 <p>Place value charts (Including millions)</p> <p>Multi-link cubes (cube numbers)</p> <p>Dice</p>	<p>Fraction wall</p>  <p>Place value counters</p>		
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Year 6

	Place Value	Addition and subtraction	Multiplication and division	Fractions	Geometry	Measuring	Ratio
Year 6	<p>Base 10</p>   <p>Hundreds squares</p>  <p>Place value charts (Including millions)</p>	<p>Base 10</p>   <p>Hundreds squares</p>  <p>Place value charts (Including millions)</p>	<p>Base 10</p>  <p>Base 10</p>  <p>Counters (TH, H, T, U)</p>	 <p>Multi-link cubes</p> <p>Counters</p> <p>Number lines</p>  <p>Fraction wall</p>	 <p>protractors</p> <p>2D shapes- triangles (equilateral, isosceles, scalene) quadrilaterals, pentagons, hexagons, heptagons, octagons, nonagons, decagons.</p>	 <p>Multi-link cubes (area and perimeter)</p> <p>Rulers Meter rulers</p>	<p>Double number lines</p>



Counters
(TH, H, T, U)

Number lines
Tens frames



Counters
(TH, H, T, U)



Place value charts (Including
millions)

Multi-link cubes (cube numbers)

Dice



Place value
counters

Coins

3D shapes- cubes,
cuboids, cylinders,
spheres, cones,
triangular prism,
triangular-based
pyramid, square-
based pyramid.

Mirrors (reflection)