

	EY	'FS	Yr1	Yr2
	Early Learning Goals	Development Matters		
	Number and Place Value	Number and Place Value	Number and Place Value	Number and Place Value
	Number:	count beyond ten Link	count to and across 100, forwards and backwards,	count in steps of 2, 3, and 5 from 0, and in tens from
	have a deep	the number symbol	beginning with 0 or 1, or from any given number	any number, forward and backward
	understanding of	(numeral) with its		
	number to 10, including	cardinal number value	count, read and write numbers to 100 in numerals;	recognise the place value of each digit in a two-digit
	the composition of each		count in multiples of twos, fives and tens	number (tens, ones)
	number	subitise		
			given a number, identify one more and one less	identify, represent and estimate numbers using
	subitise (recognise	count objects, actions		different representations, including the number line
	quantities without	and sounds	identify and represent numbers using objects and	
	counting) up to 5		pictorial representations including the number line,	compare and order numbers from 0 up to 100; use
	Numerical patterns		and use the language of: equal to, more than, less	and = signs
			than (fewer), most, least	
	Numerical patterns:			read and write numbers to at least 100 in numerals
	verbally count beyond		read and write numbers from 1 to 20 in numerals	and in words
	20, recognising the		and words	
	pattern of the counting			use place value and number facts to solve problems
	system			
	Addition and Subtraction	Addition and Subtraction	Addition and Subtraction	Addition and Subtraction
	Number:	automatically recall	read, write and interpret mathematical statements	solve problems with addition and subtraction:
	automatically recall	number bonds for	involving addition (+), subtraction (–) and equals (=)	using concrete objects and pictorial
	(without reference to	numbers 0–5 and some	signs	representations, including those involving numbers,
	rhymes, counting or	to 10		quantities and measures
	other aids) number		represent and use number bonds and related	applying their increasing knowledge of mental and
	bonds up to 5 (including	explore the composition	subtraction facts within 20	written methods
	subtraction facts) and	of numbers to 10		
	some number bonds to		add and subtract one-digit and two-digit numbers to	recall and use addition and subtraction facts to 20
	10, including double	understand the 'one	20, including zero	fluently, and derive and use related facts up to 100
	facts	more than/one less		
		than' relationship	solve one-step problems that involve addition and	add and subtract numbers using concrete objects,
		between consecutive		pictorial representations, and mentally, including:

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Numerical patterns:	numbers	subtraction, using concrete objects and pictorial	• a two-digit number and ones • a two-digit number
compare quantities up	Hambers	representations, and missing number problems	and tens • two two-digit numbers • adding three
to 10 in different	Compare numbers	representations, and missing number problems	one-digit numbers
contexts, recognising	Compare numbers		one-digit numbers
when one quantity is			show that addition of two numbers can be done in
T			
greater than, less than			any order (commutative) and subtraction of one
or the same as the other			number from another cannot
quantity			
			recognise and use the inverse relationship between
			addition and subtraction and use this to check
			calculations and solve missing number problems
Multiplication and	Multiplication and	Multiplication and Division	Multiplication and Division
<u>Division</u>	<u>Division</u>	solve one-step problems involving multiplication	recall and use multiplication and division facts for
Numerical patterns:		and division, by calculating the answer using	the 2, 5 and 10 multiplication tables, including
explore and represent		concrete objects, pictorial representations and	recognising odd and even numbers
patterns within numbers		arrays with the support of the teacher	
up to 10, including evens			calculate mathematical statements for
and odds, double facts			multiplication and division within the multiplication
and how quantities can			tables and write them using the multiplication (x),
be distributed equally			division (÷) and equals (=) signs
			show that multiplication of two numbers can be
			done in any order (commutative) and division of one
			number by another cannot
			number by unother cumot
			solve problems involving multiplication and division,
			using materials, arrays, repeated addition, mental
			methods, and multiplication and division facts,
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Frantiana /Desires de ser d	Frankiana /Dasimasla amal	Freshiens (Decimals and Developes)	including problems in contexts
Fractions (Decimals and	Fractions (Decimals and	Fractions (Decimals and Percentages)	Fractions (Decimals and Percentages)
Percentages)	<u>Percentages)</u>	recognise, find and name a half as one of two equal	recognise, find, name and write fractions 1/3, 1/4,
		parts of an object, shape or quantity	2/4 and 3/4 of a length, shape, set of objects or
			quantity
		recognise, find and name a quarter as one of four	
		equal parts of an object, shape or quantity	write simple fractions for example, 1/2 of 6 = 3 and
			recognise the equivalence of 2/4 and 1/2

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Ratio and Proportion	Ratio and Proportion continue, copy and create repeating	Ratio and Proportion	Ratio and Proportion
Algebra	patterns Algebra	Algebra	Algebra
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Measurement	Measurement compare length, weight and capacity	Measurement compare, describe and solve practical problems for: • lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] • mass/weight [for example, heavy/light, heavier than, lighter than] • capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] • time [for example, quicker, slower, earlier, later] measure and begin to record the following: • lengths and heights • mass/weight • capacity and volume • time (hours, minutes, seconds) recognise and know the value of different denominations of coins and notes sequence events in chronological order using language [for example, before and after, next, first,	Measurement choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels compare and order lengths, mass, volume/capacity and record the results using >, < and = recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value 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 compare and sequence intervals of time
		today, yesterday, tomorrow, morning, afternoon and evening]	tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a
		recognise and use language relating to dates, including days of the week, weeks, months and	clock face to show these times
		years	know the number of minutes in an hour and the number of hours in a day
		tell the time to the hour and half past the hour and draw the hands on a clock face to show these times	

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Properties of Shape	Properties of Shape	Properties of Shape	Properties of Shape
	compose and	recognise and name common 2-D and 3-D shapes,	identify and describe the properties of 2-D shapes,
	decompose shapes so	including:	including the number of sides and line symmetry in
	that children recognise a	• 2-D shapes [for example, rectangles (including	a vertical line
	shape can have other	squares), circles and triangles]	
	shapes within it, just as	• 3-D shapes [for example, cuboids (including	identify and describe the properties of 3-D shapes,
	numbers can	cubes), pyramids and spheres]	including the number of edges, vertices and faces
	select, rotate and		identify 2-D shapes on the surface of 3-D shapes [for
	manipulate shapes to		example, a circle on a cylinder and a triangle on a
	develop spatial		pyramid]
	reasoning skills		pyrannaj
	, o		compare and sort common 2-D and 3-D shapes and
			everyday objects
Position and Direction	Position and Direction	Position and Direction	Position and Direction
		describe position, direction and movement,	order and arrange combinations of mathematical
		including whole, half, quarter and three -quarter	objects in patterns and sequences
		turns.	
			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)
Statistics	Statistics		Statistics
			interpret and construct simple pictograms, tally
			charts, block diagrams and simple tables
			ask and answer simple questions by counting the
			number of objects in each category and sorting the
			categories by quantity
			ask and answer questions about totalling and
			comparing categorical data
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