



Topic Vocabulary, Skills and Knowledge

Subject.....Maths Year.....I..... Curriculum lead...Damian Moore

Vocabulary

I understand and can use these words:

Number	forwards	backwards	count	numeral
	count	represent	pictorial	more than
	less than	number line	equal to	fewer
	most	least	count in multiples	compare
	answer	before	after	digit
	smaller	bigger		
Place Value	ones	tens	column	one-digit
	two-digit	three-digit	tens number	teens number
Methods	number bond	number sentence	equal	same as
	operation	sign/symbol	concrete	pictorial
	representation	missing number	problem	solve
Addition and Subtraction	add	addition	more	plus
	total	sum	altogether	
	subtract	subtraction	minus	less
	take away	fewer	left	difference
Multiplication and division	multiply	product	multiples	array
	multiplication facts	times	double	
	divide	share	half	share equally
	groups of			
Measurement	measure	measurement	compare	scale
	length	height	long/longer	short/shorter
	tall/taller	double/half	centimetre	metre
	mass	weight	weigh	balance
	heavy/heavier	light/lighter	grams	kilograms
	capacity	volume	container	full/half full
	empty/half empty	holds more/less/most/least	litre	millilitres
	money	pounds	pence	coin/note
	price	spend/spent	total	
	day	week	days of the week	month
	year	months of the year	seasons	morning
	afternoon	evening	night	Today/yesterday
	tomorrow	early/earlier	late/later	quick/quicker
	slow/slower	clock/watch	hand	time



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	hour	minute	second	o'clock/ half past
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Geometry	build	draw	property	identify
	2-d	2-dimensional	side	corner
	rectangle	square	circle	triangle
	3-d	3 dimensional	hollow	solid
	vertex/vertices	surface	edge	base
	cube	cuboid	pyramid	sphere
	position	direction	movement	whole/ half turn
	Quarter/ 3 quarter turn	rotate	clockwise	anti-clockwise
	above	below	beside	between
	in front	behind	inside	on top of
	near	next to	underneath	forwards
	backwards	left	right	
Fractions	part	equal parts	whole	half
	halves	quarter	share	divide



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Skills

I can:

Place Value		
Count to and across 100 forwards and backwards from any given number.	Count, read and write numbers to 100 in numerals.	Read and write numbers from 1 to 20 in numerals and words.
Identify and represent numbers using objects and pictorial representations including the number line,	Identify 1 more and 1 less than a given number,	Use the language of: equal to, more than, less than (fewer), most, least
Count in multiples of 2s, 5s and 10s.		
Addition and Subtraction		
Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.	Represent and use number bonds and related subtraction facts within 20.	Add and subtract one-digit and two-digit numbers to 20, including 0.
Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$.		
Multiplication and Division		
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.		
Measurement - Using Measure		
Compare, describe and solve practical problems for: lengths and heights. For example, long/short, longer/shorter, tall/short, double/half	Compare, describe and solve practical problems for: mass / weight.	Compare, describe and solve practical problems for: capacity and volume.
Measure and begin to record lengths and heights.	Measure and begin to record mass/weight.	Measure and begin to record capacity and volume.
Measurement- Money		
Recognise and know the value of different denominations of coins and notes		
Measurement - Time		
Sequence events in chronological order using language.	Recognise and use language relating to dates, including	Tell the time to the hour and half past the hour and draw



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	days of the week, weeks, months and years.	the hands on a clock face to show these times.
Compare, describe and solve practical problems for time.	Measure and begin to record time (hours, minutes and seconds).	
Geometry - 2D and 3D shapes		
Recognise and name common 2-D shapes: rectangles, (including squares) circles and triangles.	Recognise and name common 3-D shapes: cuboids, (including cubes) pyramids and spheres.	
Geometry - Position and direction		
Describe position, directions and movements, including whole, half, quarter and three-quarter turns.		
Fractions		
Recognise, find and name a half as 1 of 2 equal parts of an object, shape or quantity.	Recognise, find and name a quarter as 1 of 4 equal parts of an object, shape or quantity.	

Knowledge

I know:

What month my birthday is.	The names of the days of the week.	The names of the months of the year.
How to describe events using the vocabulary today and tomorrow.	What fluency means.	What reasoning means.