TERM 1A		TERM 1B		TERM 2A		TERM 2B		TERM 3A		TERM 3B	
Number: Place value Number: Addition and subtraction		Number: Addition and subtraction Number: Multiplication and division		Geometry: Properties of shapes Number: Multiplication and division		Measurement		Geometry: Position and direction		Number: Place value	
								Star	tistics		n and subtraction
	T		1		cimals, and percentages		1		T		cation and division
Key knowledge	Key skills	Key knowledge	Key skills	Key knowledge	Key skills	Key knowledge	Key skills	Key knowledge	Key skills	Key knowledge	Key skills
To know ten ones are	To be able to count in	To know subtraction is	To be able to solve problems with	To know a 2D shape has	To be able to identify	To know there are 60 seconds in a minute, 60	To be able to compare	To know to turn to our	To be able to use	To know halving is	To be able to halve
called one ten.	steps of 2,3,5 from 0,	partitioning a whole	subtraction using	height and width; it is	and describe the	minutes in an hour, 24	and sequence intervals of time.	left for anti-clockwise.	mathematical	splitting the whole into	splitting the whole
To know a two-digit	and in tens from any	into two or more parts	concrete objects and	completely flat and you	properties of 2D shapes,	hours in a day, 365 days	of time.	To know to turn to our	vocabulary to describe	two equal parts.	two equal parts.
number is made up of	number, forward and backward.	(partitioning), decreasing the whole	pictorial	cannot pick it up.	including the number of sides, and line	in a (non-leap) year and	To be able to tell and	right for clockwise.	position, direction and	To know my	To be able to recog
tens and ones.	Dackwaru.	(reduction) or finding	representations,	To know an object that	symmetry in a vertical	12 months in a year.	write the time to five	l ng. c var a can a can	movement, including movement in a straight	multiplication and	and use the inverse
	To be able to recognise	the difference between	including those	has height, width and	line.		minutes, including	To know there are two	line and distinguishing	division facts related to	relationship betwe
To know a number can	the place value of each	two parts (difference).	involving numbers,	depth, like any object in	iiie.	To know time can be	quarter past/to the	half turns in a full turn.	between rotation as a	the 2, 5 and 10 times	addition and
be partitioned in many	digit in a two-digit	two parts (uniterence).	quantities and	the real world is a 3D	To be able to identify	measured using a clock,	hour and draw the		turn and in terms of	table.	subtraction and us
different ways – not just	number (10s, 1s).	To know that when	measures.	shape.	and describe the	watch, calendar and in	hands on a clock face to	To know there are four	right angles for quarter,		to check calculatio
(for a two-digit number)		subtracting a tens	To be able to apply my		properties of 3D shapes,	other ways.	show these times.	quarter turns in a full	half and three-quarter		and solve missing number problems.
into tens and ones.	To be able to identify,	number (10,20,30), the	increasing knowledge of	To know a line of	including the number of	To know the left-hand		turn.	turns (clockwise and		number problems.
To know < means less	represent and estimate	ones digit will not	mental and written	symmetry is a line that	edges, vertices and	side of the clock shows	To be able to choose	To know a quarter turn	anti-clockwise).		To be able to recal
than.	numbers using different	change.	methods.	cuts a shape exactly in	faces.	to times (e.g. five to 6)	and use appropriate	is the same as a right	,		use multiplication
tilali.	representations,			half.	- 1 11	and the right-hand side	standard units to	angle.	To be able to order and		division facts for th
To know > means	including the number	To know the language	To be able to recall and	To know one structure	To be able to identify	shows past times (e.g.	estimate and measure		arrange combinations of		5 and 10 multiplica
greater than.	line.	of minuend –	use subtraction facts to	of division is grouping	2D shapes on the	ten past 5).	length/height in any	To know pictograms,	mathematical objects in		tables, including
	To be able to compare	subtrahend =	20 fluently, and derive	(quotative) where a	surface of 3D shapes,	ten past sj.	direction (m/cm); mass	bar charts and tally	patterns and sequences.		recognising odd ar
To know = means the	and order numbers	difference.	and use related facts up	whole (the dividend) is	[for example, a circle on	To know the long hand	(kg/g); temperature	charts can be used to	Ta ha able to ter		even numbers.
same as, balanced,	from 0 up to 100; use <,	To know doubling is	to 100.	split into equal groups	a cylinder and a triangle	is the minute hand.	(°C); capacity (litres/ml)	show how many of	To be able to interpret		
equal to or equivalent.	> and = signs.	adding the same	To be able to subtract	(the divisor) and the	on a pyramid].		to the nearest	something there is.	and construct simple		
To know in anna in a	Jigi1Ji	number twice.	numbers using concrete	number of groups are	To be able to compare	To know the shorter	appropriate unit, using		pictograms, tally charts, block diagrams and		
To know increasing	To be able to read and	mannet enrice	objects, pictorial	found (quotient).	and sort common 2D	hand is the hour hand.	rulers, scales, thermometers and		tables.		
means from smallest to	write numbers to at	To know halving is	representations and	Touris (quotient):	and 3D shapes and	To know groms (g) are a			tables.		
largest.	least 100 in numerals	splitting the whole into	mentally, including:	To know another	everyday objects.	To know grams (g) are a	measuring vessels.		To be able to ask and		
To know decreasing	and in words.	two equal parts.	two-digit number and	structure of division is	0.0.700,00,000	unit of measure.	To be able to compare		answer simple		
means from largest to			1s; two-digit number	sharing (partitive)	To be able to recall and	To know there are	and order lengths,		questions by counting		
smallest.	To be able to use place	To know one structure	and 10s; 2 two-digit	where the whole (the	use multiplication and	1000g in a kilogram	mass, volume/capacity		the number of objects		
	value and number facts	of multiplication is	numbers; adding 3 one-	dividend) is shared	division facts for the 2,	(kg).	and record the results		in each category and		
To know all number	to solve problems.	repeated addition (e.g.	digit numbers.	equally between a given	5 and 10 multiplication	(0,	using >, < and =.		sorting the categories		
bonds to 20.	To be able to solve	3x4 is 4 + 4 + 4 or 3 +3 +	To be able to show that	number of parts (the	tables, including	To know we use g to			by quantity.		
	problems with addition	3 + 3).	addition of 2 numbers	divisor) and the part	recognising odd and	measure lighter objects	To be able to recognise		, , ,		
To know addition is	using concrete objects	To know multiplication	can be done in any	size is found (quotient).	even numbers.	and kg to measure	and use symbols for		To be able to ask and		
bringing together two	and pictorial	is commutative – the	order (commutative)	To know fractions are a	To be able to calculate	heavier objects.	pounds (£) and pence		answer questions about		
(or more) parts to make	representations,	position of the factors	and subtraction of 1	To know fractions are a part of something.	To be able to calculate mathematical	To know different	(p).		totalling and comparing		
a whole (aggregation).	including those	can change and the	number from another	part of something.	statements for	things/objects can be	To be able to combine		categorical data.		
To know addition can	involving numbers,	product stays the same.	cannot.	To know fractions can	multiplication and	used to measure length.	amounts to make a				
also be increasing an	quantities and	. ,	To be able to second	be part of one thing or	division within the	used to measure length.	particular value.				
amount	measures.	To know one structure	To be able to recognise	part of a group of	multiplication tables	To know centimetres	particular value.				
(augmentation).	To be able to apply	of division is grouping	and use the inverse relationship between	things.	and write them using	(cm) are a unit of	To be able to find				
,	increasing knowledge of	(quotative) where a	addition and		the multiplication (×),	measure.	different combinations				
To know when I add any	mental and written	whole (the dividend) is	subtraction and use this	To know fractions are	division (÷) and equals		of coins that equal the				
two odd numbers, the	methods.	split into equal groups	to check calculations	also numbers in their	(=) signs.	To know there are	same amounts of				
sum is always even.		(the divisor) and the	and solve missing	own right in our linear	(/ 5/8/13.	100cm in a metre (m).	money.				
Ta lorani (le class	To be able to recall and	number of groups are	number problems.	number system.	To be able to show that	To know					
To know the language	use addition facts to 20	found (quotient).		To know frontiers	multiplication of 2	To know we use cm to	To be able to solve				
of addend + addend =	fluently, and derive and	To know another	To be able to recall and	To know fractions can	numbers can be done in	measure smaller objects	simple problems in a				
sum.	use related facts up to	To know another	use multiplication and	be written as one	any order	and m to measure	practical context				
To know when I add any	100.	structure of division is	division facts for the 2,	number on top of	(commutative) and	bigger objects.	involving addition and				
two even numbers, the	To be able to add	sharing (partitive)	5 and 10 multiplication	another. For example, a	division of one number	To know money is	subtraction of money of				
sum is always even.	numbers using concrete	where the whole (the dividend) is shared	tables, including	half is one over two ½.	by another cannot.	measured in pounds (£)	the same unit, including				
220 0 475 67611.	objects, pictorial	,	recognising odd and	To know writing		and pence (p)	giving change.				
To know when I add	representations, and	equally between a given number of parts (the	even numbers.	fractions this way is	To be able to solve	- I (F)					
one odd and one even	mentally, including: a	divisor) and the part	To be able to calculate	called fraction notation.	problems involving	To know there are 100p					
number, the total is	two-digit number and	size is found (quotient).	To be able to calculate mathematical		multiplication and division using materials,	in £1.					
odd.	10s; 2 two-digit	size is round (quotient).	statements for	To know a few fractions	arrays, repeated						
	numbers; adding 3 one-		multiplication and	have special names:	addition, mental	To know capacity is the					
To know a tens number	digit numbers.		division within the	½ is a half;	methods, and	measure of how much					
has a zero in the ones	Ta ha able to de la		multiplication tables	⅓ is a third;	multiplication & division	an object can hold.					
column (e.g. 10, 20, 30,	To be able to show that		and write them using	¼ is a quarter;	facts, including	To know volume is the					
40, 50).	addition of 2 numbers can be done in any		the multiplication (×),	⅓ is a fifth.	problems in contexts.	measure of how much					
To know when I add a	order (commutative).		division (÷) and equals	To be seen the second		liquid there is.					
tens number (10,20,30),	oraci (commutative).		(=) signs.	To know the top part of	To be able to recognise,	ilquiu tilele is.					
tens number (10,20,30),			(-) 31g113.	the fraction is called the	find and name a half as						
				numerator.	1 of 2 equal parts of an						

the ones digit will not			To be able to show that	To know the bottom	object, shape or	To know capacity is					
change.			multiplication of 2	part of the fraction is	quantity.	measured in millilitres					
criange.			numbers can be done in	called the denominator.	quantity.	(ml) and litres (l).					
			any order	canca the denominator.	To be able to recognise,	(iiii) diid iiti es (i).					
			(commutative) and	To know equivalent	find and name a quarter	To know there are					
			division of one number	fractions are worth the	as 1 of 4 equal parts of	1000ml in a litre.					
			by another cannot.	same as each other	an object, shape or						
				even though they look	quantity.	To know millilitres are					
			To solve problems	different.		used for measuring					
			involving multiplication		To be able to recognise,	smaller amounts of					
			and division using		find, name and write	liquid.					
			materials, arrays,		fractions one-third, one-	To know litres are used					
			repeated addition, mental methods, and		quarter, two-quarters	for measuring larger					
			multiplication and		and three-quarters of a length, shape, set of	amounts of liquid.					
			division facts, including		1 -						
			problems in contexts.		objects or quantity.	To know temperature is					
					To be able to write	measured in degrees.					
					simple fractions, for						
					example half of 6 = 3						
					and recognise the						
					equivalence of two-						
					quarters and one-half.						
Key vocabulary (tier 2)	Key vocabulary (tier 3)	Key vocabulary (tier 2)	Key vocabulary (tier 3)	Key vocabulary (tier 2)	Key vocabulary (tier 3)	Key vocabulary (tier 2)	Key vocabulary (tier 3) Celsius	Key vocabulary (tier 2) block diagram	Key vocabulary (tier 3)	Key vocabulary (tier 2)	Key vocabulary (tier 3)
Add altogether		altogether difference	commutative arrays factor	cone corner		capacity change (money)	Ceisius	clockwise/anti-		division equation	
digit		difference between	inverse operation	apex		degrees		clockwise		grouping	
estimate		equal groups	product	cube		five-past		compare		groups of	
expanded column		expanded column		cuboid		five-to		data		half	
addition		leave		curved		gram		east		halving	
facts		less		cylinder		half-past		forwards/backwards		multiplication	
greater than		lots of		denominator		heavier		interpret		part	
hundreds		minus		edge		hour		key		sharing	
less than make		take away multiplication		equal equivalent		kilogram lighter		left/right north		times times table	
more		repeated addition		face		litre		pattern		whole	
number		sequence		flat		mass		pictogram			
ones		subtract		fraction		millilitre		quarter/half/three-			
order		subtraction groups		grouping		minute		quarter turn			
partition		time tables		half		month		sequence			
place value plus				line of symmetry		pence		south			
sum				numerator		pound		symbol table			
tens				part		quarter-past quarter-to		tally chart			
tens number				quarter		second		total			
total				round		temperature		west			
zero				share		ten-past					
				sharing		ten-to					
				side		twenty-five-to					
				solid square based pyramid		twenty-past twenty-to					
				straight		volume					
				third		- Clume					
				three-dimensional							
				triangular based							
				pyramid							
		1	1	triangular prism		I	I				
				two-dimensional							
				two-dimensional vertex							
				two-dimensional vertex vertical							
				two-dimensional vertex							