TERM 1A Number: Place value		TERM 1B		TERM 2A		TERM 2B		TERM 3A		TERM 3B Geometry: Properties of shape/position and Direction	
		Number: Addition and subtraction		Number: Multiplication and division		Number: Fractions, decimals and percentages		Number: Fractions, decimals and percentages Measurement			
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 addition is	To be able to add and	To know multiplication	To be able to recall	To know when a whole	To be able to recognise	To know a decimal is	To be able to recognise	To know you can record	To be able to interpret
called one ten.	multiples of 3, 4, 6, 7, 8,	commutative;	subtract numbers with	can be seen as repeated	multiplication and	is divided into equal	and show, using	made of whole numbers	and write decimal	information in a tally	and present discrete
	9, 25 and 1000.	subtraction is not.	up to 4 digits using the	addition.	division facts for	parts each part is a	diagrams, families of	and parts of whole	equivalents of any	chart or table and	and continuous data
To know ten tens are	T		formal written methods	To be seen all datases are the	multiplication tables up	fraction of the whole.	common equivalent	numbers, separated by	number of tenths or	present it in a graph.	using appropriate
called one hundred.	To be able to find 1000	To know the language	of columnar addition	To know division can be	to 12 × 12.	To know a fraction can	fractions.	a dot called a decimal	hundredths.	To long page atting	graphical methods,
To know ten hundreds	more or less than a	of addition: addend plus	and subtraction where	seen as repeated subtraction.	To be able to use place	To know a fraction can be expressed as one	To be able to count up	point.	To be able to recognise	To know presenting	including bar charts an
are called one	given number.	addend is equivalent to sum/total.	appropriate.	Subtraction.	To be able to use place value, known and	number written above	and down in	To know ten tenths is	To be able to recognise and write decimal	data in a graph makes the data easier to	time graphs.
thousand.	To be able to count	Sumptotal.	To be able to estimate	To know a multiple of a	derived facts to multiply	another.	hundredths; recognise	equivalent to one	equivalents to ¼, 1/2, ¾.	interpret.	To be able to solve
	backwards through zero	To know the whole can	and use inverse	number is the result of	and divide mentally,	ac.i.	that hundredths arise	whole.	equivalents to 74, 1/2, 74.	interpret.	comparison, sum and
To know ten thousands	to include negative	be found by adding the	operations to check	multiplying that number	including: multiplying	To know the bottom	when dividing an object		To be able to find the	To know a bar chart	difference problems
are called one ten	numbers.	parts.	answers to a	with a whole number.	by 0 and 1; dividing by	part of the fraction is	by a hundred and	To know ten one	effect of dividing a one-	uses vertical or	using information
thousand.			calculation.		1; multiplying together	the denominator. This	dividing tenths by ten.	hundredths is	or two-digit number by	horizontal bars of equal	presented in bar chart
	To be able to recognise	To know when the		To know a factor of a	3 numbers.	represents the total		equivalent to one tenth.	10 and 100, identifying	width to show	pictograms, tables and
To know the value of	the place value of each	whole and one of the	To be able to solve	number is any whole		number of equal parts.	To be able to solve		the value of the digits in	frequency of a	other graphs
digits becomes ten	digit in a four-digit	parts is known, the	addition and	number that divides	To be able to recognise		problems involving	To know one hundred	the answer as units,	distribution.	
times bigger as digits	number (thousands,	other part can be	subtraction two-step	into it exactly.	and use factor pairs and	To know the numerator	increasingly harder	hundredths is	tenths and hundredths.		To be able to compare
move to the left.	hundreds, tens, and	worked out.	problems in contexts,		commutativity in	is the top part of the	fractions to calculate	equivalent to one whole		To know a pictogram is	and classify geometric
Ta los accedences la C	ones).		deciding which	To know a product is	mental calculations.	fraction; this represents	quantities, and fractions		To be able to round	a chart on which	shapes, including
To know the value of		To know the language	operations and	the result of the		the number of parts	to divide quantities,	To know a digit's	decimals with one	pictures show the	quadrilaterals and
digits become ten times	To be able to order and	of subtraction: minuend	methods to use and	multiplication of two or	To be able to multiply	being considered.	including non-unit	position after the	decimal place to the	frequency of a	triangles, based on the
smaller as digits move to the right.	compare numbers	subtract subtrahend is	why.	more numbers,	two-digit and three-	To know oquivalent	fractions where the	decimal point is its	nearest whole number.	distribution. A	properties and sizes.
to the right.	beyond 1000.	equivalent to		quantities, etc.	digit numbers by a one-	To know equivalent fractions refer to the	answer is a whole	place.	To be able to account	pictogram includes a	To be able to identify
To know the value of a	Ta ha abla ta idantif.	difference.		To know the	digit number using	same proportion of the	number.	Ta luaa	To be able to compare	title and a key,	acute and obtuse angl
digit relies on its place	To be able to identify,	To know that if 3 ones		multiplicand is a	formal written layout.	whole but are written in	To be able to add and	To know: 1 cm = 10 mm	numbers with the same number of decimal	explaining what the	and compare and ord
in the number.	represent and estimate numbers using different	plus 4 ones is 7 ones,		quantity which is to be	To be able to solve	different ways.	subtract fractions with	1 m = 100 cm	places up to two	pictures mean.	angles up to 2 right
	representations.	then 3 tens plus 4 tens		multiplied by another	problems involving	amerene mayor	the same denominator.	1 km = 1000 m	decimal places.	To know a distance-	angles by size.
To know negative	representations.	is 7 tens; 3 hundreds		(the multiplier).	multiplying and adding,	To know a unit fraction	the same denominator.	1 litre = 1000 millilitres	decimal places.	time graph shows how	
numbers are below	To be able to round any	plus 4 hundreds is 7			including using the	has a numerator of one.		1 kilogram = 1000	To be able to convert	far an object has	To be able to identify
zero.	number to the nearest	hundreds etc.		To know a divisor is a	distributive law to			grames.	between different units	travelled in a given	lines of symmetry in 2
	10, 100 or 1000.			number that divides	multiply two-digit	To know a proper			of measure (for	time.	shapes presented in
To know negative		To know we exchange		another number either	numbers by 1 digit,	fraction is less than one		To know the distance	example, kilometre to		different orientations
numbers are less than	To be able to solve	when subtracting using		completely or with a	integer scaling	whole and has a		around the edge of a	metre; hour to minute).	To know an angle is	
zero.	number and practical	a vertical algorithm; one		remainder.	problems and harder	numerator that is lower		shape is its perimeter.		formed whenever two	To be able to complet
- · · · · · · · · · · · · · · · · · · ·	problems that involve	ten can be exchanged			correspondence	than the denominator.			To be able to measure	lines meet at a point.	a simple symmetric
To know positive	all of the above and	for ten ones; one		To know the language of division: dividend ÷	problems such as n	To know on improper		To know to find the	and calculate the	The angle is measured	figure with respect to
numbers are above	with increasingly large	hundred can be		divisor = quotient.	objects are connected	To know an improper		perimeter of a polygon,	perimeter of a	by the amount of turn	specific line of
zero.	positive numbers.	exchanged for ten tens;		divisor = quotient.	to m objects.	faction is more than one; the numerator is		add together the	rectilinear figure	that one line must	symmetry.
To know positive		one thousand can be		To know the language		higher than the		lengths of all the sides.	(including squares) in	travel about this point	To be able to describe
numbers are greater	To be able to read	exchanged for ten		of multiplication:		denominator.		To lune with a successful	centimetres and	to arrive at the position	positions on a 2D grid
than zero.	Roman numerals to 100	hundreds.		Factor x factor =		denominator.		To know the area of a 2D shape is the space	metres.	of the other line.	coordinates in the firs
	(I to C) and know that	To know we regroup		product.				within its perimeter.	To be able to find the	To know angles are	quadrant.
To know zero is neither	over time, the numeral system changed to	To know we regroup when adding using a		F				within its perimeter.	To be able to find the area of rectilinear	To know angles are measured in degrees.	quantities
positive or negative.	include the concept of	vertical algorithm;		Multiplicand				To know a day is the	shapes by counting	measureu in degrees.	To be able to describe
	zero and place value.	fourteen ones can be		(group size) x				amount of time it takes	squares.	To know there are	movements between
To know when rounding	zero ana piace value.	regrouped as one ten		multiplier				the Earth to spin once	squares.	several types of angles,	positions as translation
to the nearest ten,	To be able to divide	and four ones.		(number of				on its axis.	To be able to solve	classified by their size.	of a given unit to the
the ones digit is the	1,000 into 2, 4, 5 and 10	and roun ones.		groups) = product.					simple measure and	olassinea sy tiren size.	left/right and up/dow
digit to consider. If it is	equal parts, and read	To know when using a						To know this period is	money problems	To know a right angle is	
four or less, we round	scales/number lines	vertical algorithm for						divided into 24 hours which can be broken	involving fractions and	a quarter of a full turn	To be able to plot
down to the previous	marked in multiples of	addition and						down into smaller units:	decimals to two decimal	and equal to 90°.	specified points and
multiple of 10. If it is	1,000 with 2, 4, 5 and	subtraction we start						minutes and seconds.	places.		draw sides to comple
five or more we round	10 equal parts.	with the lowest value						These are the units		To know lines that meet	a given polygon.
up to the next multiple		digit on the right.						used in telling the	To be able to estimate,	at a right angle are	
of 10.								time.	compare and calculate	described as	•
To know when rounding									different measures,	perpendicular.	
to the nearest hundred,								To know there are 60	including money in		
the tens digit is the digit								minutes in one hour.	pounds and pence.	To know a straight	
como argicio dile digit										angle is half a full turn	
								To know there are 60			
to consider. If it is four or less, we round down								To know there are 60 seconds in one minute.	To be able to read, write and convert time	and equal to 180°.	

of 100. If it is five or								To know the 12-hour	digital 12- and 24-hour	To know an acute angle	
more we round up to								clock is a time system in	clocks.	is any angle smaller	
the next multiple of								which the hours in a day		than a right angle.	
100.								are broken down into	To be able to solve		
200.								two groups of 12 hours.	problems involving	To know an obtuse	
To know when rounding											
To know when rounding								To know the 24-hour	converting from hours	angle is an angle greater	
to the nearest								clock is a time system in	to minutes, minutes to	than a right angle but	
thousand, the hundreds								which the 24 hours of	seconds, years to	smaller than a straight	
digit is the one to								the day are not	months, weeks to days.	angle.	
consider. If it is four or									-		
less, we round down to								expressed as am and		To know a polygon is a	
the previous multiple of								pm but are numbered			
								straight through from 0		shape formed from	
thousand. If it is five or								-23.		three or more points	
more we round up to										joined by three or more	
the next multiple of										straight lines. The	
thousand.										points are known as	
										vertices (each point is a	
To know values of										vertex) and the lines are	
Roman numerals up to											
•										called sides	
100: I = 1; V = 5; X = 10;											
L = 50; C = 100.										To know a regular	
										polygon has equal sides	
To know we can										and equal interior	
partition 4-digit										angles. An irregular	
numbers into										polygon does not.	
thousands, hundreds,										polygon does not.	
tens and ones.										To know a shape has	
										symmetry if you can	
To know 100 and 1000										halve it or turn it so that	
can be divided into two,										it fits exactly onto itself.	
four, five and ten equal										it his exactly onto itself.	
parts and these units											
•										To know a quadrilateral	
are used in graphing										is a four-sided polygon,	
and measure contexts.										having four sides and	
										four corners.	
							1				
										To be seen a toron delice to	
										To know a translation is	
										where an object is	
										where an object is moved to a new	
										where an object is moved to a new position without being	
										where an object is moved to a new position without being turned or reflected. The	
										where an object is moved to a new position without being turned or reflected. The translated image is the	
										where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as	
										where an object is moved to a new position without being turned or reflected. The translated image is the	
										where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object.	
										where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object.	
										where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single	
										where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when	
										where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up	
										where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the	
										where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive	
										where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the	
										where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers.	
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)	Key vocabulary (tier 2)	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive	Key vocabulary (tier 3)
	Key vocabulary (tier 3)		Key vocabulary (tier 3)		Key vocabulary (tier 3)	Key vocabulary (tier 2) denominator	Key vocabulary (tier 3)	Key vocabulary (tier 2) 12-hour time	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers.	Key vocabulary (tier 3)
digit	Key vocabulary (tier 3)	add	Key vocabulary (tier 3)	divide	Key vocabulary (tier 3)	denominator	Key vocabulary (tier 3)	12-hour time	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute	Key vocabulary (tier 3)
digit greater than	Key vocabulary (tier 3)	add altogether	Key vocabulary (tier 3)	divide dividend	Key vocabulary (tier 3)	denominator eighths	Key vocabulary (tier 3)	12-hour time 24-hour	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart	Key vocabulary (tier 3)
digit greater than hundreds	Key vocabulary (tier 3)	add altogether column addition	Key vocabulary (tier 3)	divide dividend divisor	Key vocabulary (tier 3)	denominator eighths elevenths	Key vocabulary (tier 3)	12-hour time 24-hour am	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison	Key vocabulary (tier 3)
digit greater than hundreds less than	Key vocabulary (tier 3)	add altogether column addition column subtraction	Key vocabulary (tier 3)	divide dividend divisor factor	Key vocabulary (tier 3)	denominator eighths elevenths equivalent	Key vocabulary (tier 3)	12-hour time 24-hour am analogue	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data	Key vocabulary (tier 3)
digit greater than hundreds less than negative number	Key vocabulary (tier 3)	add altogether column addition column subtraction difference	Key vocabulary (tier 3)	divide dividend divisor factor groups of	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate	Key vocabulary (tier 3)
digit greater than hundreds less than	Key vocabulary (tier 3)	add altogether column addition column subtraction	Key vocabulary (tier 3)	divide dividend divisor factor	Key vocabulary (tier 3)	denominator eighths elevenths equivalent	Key vocabulary (tier 3)	12-hour time 24-hour am analogue	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal	Key vocabulary (tier 3)
digit greater than hundreds less than negative number	Key vocabulary (tier 3)	add altogether column addition column subtraction difference	Key vocabulary (tier 3)	divide dividend divisor factor groups of	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value roman numeral	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less minus	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier multiply	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator quantities	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point decimal tenths	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral frequency table	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value roman numeral round	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less minus more	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier multiply product	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator quantities quarters	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point decimal tenths digital	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral frequency table horizontal	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value roman numeral	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less minus	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier multiply	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator quantities	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point decimal tenths digital distance	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral frequency table horizontal interpret	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value roman numeral round	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less minus more	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier multiply product	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator quantities quarters	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point decimal tenths digital	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral frequency table horizontal	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value roman numeral round rounded to tens	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less minus more number facts plus	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier multiply product quotient remainder	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator quantities quarters sevenths sixths	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point decimal tenths digital distance half past	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral frequency table horizontal interpret isosceles	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value roman numeral round rounded to	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less minus more number facts plus solve problems	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier multiply product quotient remainder share	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator quantities quarters sevenths sixths tenths	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point decimal tenths digital distance half past hours	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral frequency table horizontal interpret isosceles line of symmetry	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value roman numeral round rounded to tens	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less minus more number facts plus solve problems sum	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier multiply product quotient remainder	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator quantities quarters sevenths sixths tenths thirds	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point decimal tenths digital distance half past hours hundredths	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral frequency table horizontal interpret isosceles line of symmetry mirror line	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value roman numeral round rounded to tens	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less minus more number facts plus solve problems sum take away	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier multiply product quotient remainder share	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator quantities quarters sevenths sixths tenths thirds twelfths	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point decimal tenths digital distance half past hours hundredths kilometres	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral frequency table horizontal interpret isosceles line of symmetry mirror line obtuse	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value roman numeral round rounded to tens	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less minus more number facts plus solve problems sum	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier multiply product quotient remainder share	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator quantities quarters sevenths sixths tenths thirds twelfths unit fraction	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point decimal tenths digital distance half past hours hundredths	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral frequency table horizontal interpret isosceles line of symmetry mirror line obtuse parallel	Key vocabulary (tier 3)
digit greater than hundreds less than negative number ones order partition place value roman numeral round rounded to tens	Key vocabulary (tier 3)	add altogether column addition column subtraction difference estimate exchange inverse operation less minus more number facts plus solve problems sum take away	Key vocabulary (tier 3)	divide dividend divisor factor groups of lots of multiple multiplicand multiplier multiply product quotient remainder share	Key vocabulary (tier 3)	denominator eighths elevenths equivalent fifths halves ninths non-unit fraction numerator quantities quarters sevenths sixths tenths thirds twelfths	Key vocabulary (tier 3)	12-hour time 24-hour am analogue area centimetres decimal equivalents decimal hundredths decimal point decimal tenths digital distance half past hours hundredths kilometres	Key vocabulary (tier 3)	where an object is moved to a new position without being turned or reflected. The translated image is the same size and shape as the original object. To know on a single quadrant grid, when reading right and up from the origin, the coordinates are positive numbers. Key vocabulary (tier 2) acute bar chart comparison continuous data coordinate diagonal difference discrete data equilateral frequency table horizontal interpret isosceles line of symmetry mirror line obtuse	Key vocabulary (tier 3)

			midday	perpendicular	
			midnight	pictogram	
			millimetres	polygon	
			minutes	quadrant	
			noon	quadrilateral	
			o'clock	reflection	
			part-whole model	rhombus	
			pence	right angle	
			perimeter	angle	
			place value	scalene	
			pm	sum	
			pounds	time graph	
			quarter past	translation	
			quarter to	trapezium	
			rectilinear	two-dimensional	
			Roman numerals	vertex	
			rounding	vertical	
			seconds	vertices	
			squares	x-axis	
			tenths	y-axis	
			width		