

			Number	Measurement	Geome	etry	Statistics
Year	Number and Place	Addition and	Multiplication and Division	Measurement	Properties of Shape	Position and	Statistics
	Value	Subtraction	Fractions			Direction	
EY	Have an	Automatically recall	Solve problems using doubling, halving and sharing (link	Compare sets of	Make patterns of	Use language of	Sort
	understanding of	number bonds for	with number facts to 10)	objects up to 10 in	shapes (identify 2D	directions –	numbers/shapes/money
	number to 10,	numbers 0-5 and for		different contexts,	shapes – names and	forwards,	into properties (eg odd
	linking names of	10, including		considering size and	properties).	backwards, turn	and even).
	numbers, numerals,	corresponding		difference (eg		through play.	
	their value, and their	partitioning facts.		weight)			
	position in the						
	counting order	Automatically recall					
		double facts up to 5 +					
	Explore patterns of	5.					
	numbers within						
	numbers up to 10,						
	including evens and						
	odds.						



Year	Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Measurement	Properties of Shape	Position and Direction	Statistics
1	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.  Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s.  Given a number, identify 1 more and 1 less.  Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.  Read and write numbers from 1 to 20 in numerals and words.  (White Rose Aut Block 1)	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.  (White Rose Aut Block 2)  (White Rose Spr Block 1)	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.  (White Rose Spr Block 2 and Sum Block 1)	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.  (White Rose Sum Block 2)	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.	Recognise and name common 2-D and 3-D shapes, including: -2-D shapes [for example, rectangles (including squares), circles and triangles] -3-D shapes [for example, cuboids (including cubes), pyramids and spheres].  (White Rose Aut Block 3)	Describe position, direction and movement, including whole, half, quarter and three-quarter turns (White Rose Sum block 3)	

	 T		1	1	
		Sequence events in			
		chronological order			
		using language [for			
		example, before and			
		after, next, first,			
		today, yesterday,			
		tomorrow, morning,			
		afternoon and			
		evening].			
		Recognise and use			
		language relating to			
		dates, including days			
		of the week, weeks,			
		months and years.			
		Tell the time to the			
		hour and half past			
		the hour and draw			
		the hands on a clock			
		face to show these			
		times.			
		(White Rose Spr Block			
		3 and 4 for length,			
		height, weight and			
		volume)			
		(White Rose Sum			
		block 5 for money			
		and block 6 for time)			
	•	•	•	•	



Year	Number and Place	Addition and	Multiplication and	Fractions	Measurement	Properties of Shape	Position and	Statistics
	Value	Subtraction	Division		-1		Direction	
2	Count in steps of 2,	Solve problems with	Recall and use	Recognise, find, name and	Choose and use	Identify and describe	Order and	Interpret and construct
	3, and 5 from 0, and	addition and	multiplication and	write	appropriate standard	the properties of 2-D	arrange	simple pictograms, tally
	in 10s from any	subtraction:	division facts for the	$\frac{1}{2} \frac{1}{4} \frac{2}{4} \frac{3}{4}$	units to estimate and	shapes, including the	combinations of	charts, block diagrams
	number, forward	-using concrete objects	2, 5 and 10	fractions $\overline{3}$ , $\overline{4}$ , $\overline{4}$ and $\overline{4}$ of a	measure	number of sides, and	mathematical	and tables.
	and backward.	and pictorial	multiplication tables,	length, shape, set of objects or	length/height in any	line symmetry in a	objects in	Ask and answer simple
	Recognise the place	representations,	including recognising	quantity.	direction (m/cm);	vertical line.	patterns and	questions by counting
	value of each digit in	including those	odd and even	Write simple fractions, for	mass (kg/g);	Identify and describe	sequences.	the number of objects
	a two-digit number	involving numbers,	numbers.	1 - 1	temperature (°C);	the properties of 3-D	Use	in each category and
	(10s, 1s).	quantities and	Calculate	example $2$ of $6 = 3$ and	capacity (litres/ml) to	shapes, including the	mathematical	sorting the categories
	Identify, represent	measures,	mathematical	recognise the equivalence	the nearest	number of edges,	vocabulary to	by quantity.
	and estimate	-applying their	statements for	2 1	appropriate unit,	vertices and faces.	describe	Ask-and-answer
	numbers using	increasing knowledge	multiplication and	of <b>4</b> and <b>2</b> .	using rulers, scales, thermometers and	Identify 2-D shapes	position,	questions about
	different	of mental and written	division within the		measuring vessels.	on the surface of 3-D	direction and	totalling and comparing
	representations,	methods.	multiplication tables		_	shapes, [for example,	movement,	categorical data.
	including the	Recall and use addition	and write them using		Compare and order	a circle on a cylinder	including	
	number line.	and subtraction facts to	the multiplication (×),		lengths, mass,	and a triangle on a	movement in a	
	Compare and order	20 fluently, and derive	division (÷) and		volume/capacity and	pyramid].	straight line and	
	numbers from 0 up	and use related facts	equals (=) signs.		record the results	Compare and sort	distinguishing	
	to 100; use <, > and	up to 100.	Show that		using >, < and =.	common 2-D and 3-D	between rotation	
	= signs.		multiplication of 2		Recognise and use	shapes and everyday	as a turn and in	
		Add and subtract	numbers can be done		symbols for pounds	objects.	terms of right	
	Read and write	numbers using	in any order		(£) and pence (p);	objects.	angles for	
	numbers to at least	concrete objects,	(commutative) and		combine amounts to		quarter, half and	
	100 in numerals and in words.	pictorial	division of 1 number		make a particular		three-quarter	
		representations, and	by another cannot.		value.		turns (clockwise and anti-	
	Use place value and	mentally, including:	Solve problems		Find different		clockwise).	
	number facts to	-a two-digit number	involving		combinations of coins		ciockwise).	
	solve problems.	and 1s,	multiplication and		that equal the same			
		-a two-digit number	division, using		amounts of money.			
		and 10s,	materials, arrays,		Solve simple			
		-2 two-digit numbers,	repeated addition,		problems in a			
			mental methods, and		practical context			
		-adding 3 one-digit	multiplication and		involving addition			
		numbers.	division facts,		and subtraction of			
		Show that addition of 2	including problems in		money of the same			
		numbers can be done	contexts		unit, including giving			
		in any order			change.			
		(commutative) and						

subtraction of 1	Compare and
number from another	sequence intervals of
cannot.	time.
Recognise and use the	Tell and write the
inverse relationship	time to five minutes,
between addition and	including quarter
subtraction and use	past/to the hour and
this to check	draw the hands on a
calculations and solve	clock face to show
missing number	these times.
problems.	Know the number of
	minutes in an hour
	and the number of
	hours in a day.



multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.  - a three-digit number and tens, - a three-digit nu	Number and Place Value		Multiplication and Division	Fractions	Measurement	Properties of Shape	Position and Direction	Statistics
representations. Read and write numbers up to 1000 in numerals and in words.  Solve problems, including missing number problems, including missing number problems, including missing number problems, including missing number problems, using number facts, place value, and more practical problems involving these ideas.  Including missing number problems and practical problems involving these ideas.  Including missing number problems, involving number facts, place value, and more complex addition and subtraction.  Including missing numltiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.  Solve problems that involve all of the above.  Including using Roman numerals from I to XII, and 12- hour and 24-hour clocks.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle.  Identify whether angles are greater than or less than a right angle are are a than or less than or sell and or a than or	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.  Recognise the place value of each digit in a three-digit number (hundreds, tens, and ones).  Compare and order numbers up to 1000.  Identify, represent and estimate numbers using different representations. Read and write numbers up to 1000 in numerals and in words.  Solve number problems and practical problems involving these	mo in of 4, 8, 50 including: or less en and ones, -a three-digit number and tens, -a three-digit number and hundreds.  ethe place ach digit in git number s, tens, and order up to 1000.  The ether ach digit in git number and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.  Estimate the answer to a calculation and use inverse operations to check answers.  Estimate the answer to a calculation and use inverse operations to check answers.  Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.  Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods. Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.  Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.  Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.  Recognise and show, using diagrams, equivalent fractions with small denominators.  Add and subtract fractions with the same denominator within one whole.  Compare and order unit fractions, and fractions with the same denominators.  Solve problems that involve all	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).  Measure the perimeter of simple 2-D shapes.  Add and subtract amounts of money to give change, using both £ and p in practical contexts.  Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.  Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock,	Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them.  Recognise angles as a property of shape or a description of a turn.  Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.  Identify horizontal and vertical lines and pairs of perpendicular		Interpret and present data using bar charts, pictograms and tables.  Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.

		Know the number of seconds in a minute and the number of days in each month, year and leap year.		
		Compare durations of events [for example to calculate the time taken by particular events or tasks].		



Year	Number and Place	Addition and	Multiplication and	Fractions and decimals	Measurement	Properties of Shape	Position and	Statistics
Teal	Value	Subtraction	Division	Fractions and decimals	ivicasui ement	rioperties of shape	Direction	Statistics
4	Count in multiples of	Add and subtract	Recall multiplication	Recognise and show, using	Convert between	Compare and classify	Describe	Interpret and present
	6, 7, 9, 25 and 1000.	numbers with up to 4	and division facts for	diagrams, families of common	different units of	geometric shapes,	positions on a 2-	discrete and continuous
		digits using the formal	multiplication tables	equivalent fractions.	measure [for	including	D grid as	data using appropriate
	Find 1000 more or	written methods of	up to 12 × 12.		example, kilometre	quadrilaterals and	coordinates in	graphical methods,
	less than a given	columnar addition and		Count up and down in	to metre; hour to	triangles, based on	the first	including bar charts and
	number.	subtraction where	Use place value,	hundredths; recognise that	minute].	their properties and	quadrant.	time graphs.
		appropriate.	known and derived	hundredths arise when		sizes.		
	Count backwards		facts to multiply and	dividing an object by one	Measure and		Describe	Solve comparison, sum
	through zero to	Estimate and use	divide mentally,	hundred and dividing tenths by	calculate the	Identify acute and	movements	and difference
	include negative	inverse operations to	including: multiplying	ten.	perimeter of a	obtuse angles and	between	problems using
	numbers.	check answers to a	by 0 and 1; dividing		rectilinear figure	compare and order	positions as	information presented
	Recognise the place	calculation.	by 1; multiplying	Solve problems involving	(including squares) in	angles up to two right	translations of a	in bar charts,
	value of each digit in		together three	increasingly harder fractions to	centimetres and	angles by size.	given unit to the	pictograms, tables and
	a four-digit number	Solve addition and	numbers.	calculate quantities, and	metres.	Identify lines of	left/right and	other graphs.
	(thousands,	subtraction two-step		fractions to divide quantities,		symmetry in 2-D	up/down.	
	hundreds, tens, and	problems in contexts,	Recognise and use	including non-unit fractions	Find the area of	shapes presented in		
	ones).	deciding which	factor pairs and	where the answer is a whole	rectilinear shapes by	different	Plot specified	
		operations and	commutativity in	number.	counting squares.	orientations.	points and draw	
	Order and compare	methods to use and	mental calculations.				sides to	
	numbers beyond	why.		Add and subtract fractions	Estimate, compare	Complete a simple	complete a given	
	1000.		Multiply two-digit	with the same denominator.	and calculate	symmetric figure with	polygon.	
			and three-digit		different measures,	respect to a specific		
	Identify, represent		numbers by a one-	Recognise and write decimal	including money in	line of symmetry.		
	and estimate		digit number using	equivalents of any number of	pounds and pence.			
	numbers using		formal written layout.	tenths or hundredths.				
	different							
	representations.		Solve problems	Recognise and write decimal				
			involving multiplying	equivalents to one quarter,				
	Round any number		and adding, including	one half and three quarters.				
	to the nearest 10,		using the distributive	E. 1.1 CC . C 1: . 1:				
	100 or 1000.		law to multiply two	Find the effect of dividing a				
	Calar manufacture 1		digit numbers by one	one- or two-digit number by				
	Solve number and		digit, integer scaling	10 and 100, identifying the				
	practical problems		problems and harder	value of the digits in the				
	that involve all of the		correspondence	answer as ones, tenths and				
	above and with		problems such as n	hundredths.				

increasingly large	objects are			
positive numbers.	connected to m	Round decimals with one		
	objects.	decimal place to the nearest		
Read Roman		whole number.		
numerals to 100 (I to				
C) and know that		Compare numbers with the		
over time, the		same number of decimal		
numeral system		places up to two decimal		
changed to include		places.		
the concept of zero				
and place value.		Solve simple measure and		
		money problems involving		
		fractions and decimals to two		
		decimal places.		



Year	Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Measurement	Properties of Shape	Position and Direction	Statistics
5	Read, write, order	Add and subtract	Identify multiples and	Compare and order fractions	Convert between	Identify 3-D shapes,	Identify, describe	Solve comparison, sum
	and compare	whole numbers with	factors, including	whose denominators are all	different units of	including cubes and	and represent	and difference
	numbers to at least	more than 4 digits,	finding all factor pairs	multiples of the same number.	metric measure (for	other cuboids, from	the position of a	problems using
	1 000 000 and	including using formal	of a number, and		example, kilometre	2-D representations.	shape following a	information presented
	determine the value	written methods	common factors of	Identify, name and write	and metre;		reflection or	in a line graph.
	of each digit.	(columnar addition and	two numbers.	equivalent fractions of a given	centimetre and	Know angles are	translation, using	
		subtraction).		fraction, represented visually,	metre; centimetre	measured in degrees:	the appropriate	Complete, read and
	Count forwards or		Know and use the	including tenths and	and millimetre; gram	estimate and	language, and	interpret information in
	backwards in steps	Add and subtract	vocabulary of prime	hundredths.	and kilogram; litre	compare acute,	know that the	tables, including
	of powers of 10 for	numbers mentally with	numbers, prime		and millilitre).	obtuse and reflex	shape has not	timetables.
	any given number up	increasingly large	factors and	Recognise mixed numbers and		angles.	changed.	
	to	numbers.	composite (non-	improper fractions and	Understand and use			
	1 000 000.		prime) numbers.	convert from one form to the	approximate	Draw given angles,		
		Use rounding to check		other and write mathematical	equivalences	and measure them in		
	Interpret negative	answers to calculations	Establish whether a	statements > 1 as a mixed	between metric units	degrees.		
	numbers in context,	and determine, in the	number up to 100 is	number.	and common			
	count forwards and	context of a problem,	prime and recall		imperial units such as	Identify:		
	backwards with	levels of accuracy.	prime numbers up to	Add and subtract fractions	inches, pounds and	-angles at a point and		
	positive and		19.	with the same denominator	pints.	one whole turn (total		
	negative whole	Solve addition and		and denominators that are		360 degrees),		
	numbers, including	subtraction multi-step	Multiply numbers up	multiples of the same number.	Measure and	Angles at a point on a		
	through zero.	problems in contexts,	to 4 digits by a one-		calculate the	straight line and 2		
		deciding which	or two-digit number	Multiply proper fractions and	perimeter of	1 a turn (total 180		
	Round any number	operations and	using a formal	mixed numbers by whole	composite rectilinear	degrees),		
	up to 1 000 000 to	methods to use and	written method,	numbers, supported by	shapes in centimetres	Other multiples of 90		
	the nearest 10, 100,	why.	including long	materials and diagrams.	and metres.	degrees.		
	1000, 10 000 and		multiplication for					
	100 000.		two-digit numbers.	Read and write decimal	Calculate and	Use the properties of		
				numbers as fractions.	compare the area of	rectangles to deduce		
	Solve number		Multiply and divide		rectangles (including	related facts and find		
	problems and		numbers mentally	Recognise and use	squares), and	missing lengths and		
	practical problems		drawing upon known	thousandths and relate them	including using	angles.		
	that involve all of the		facts.	to tenths, hundredths and	standard units,			
	above.			decimal equivalents.	square centimetres	Distinguish between		
			Divide numbers up to		(cm <sup>2</sup> ) and square	regular and irregular		
	Read Roman		4 digits by a one-digit	Round decimals with two	metres (m <sup>2</sup> ) and	polygons based on		
	numerals to 1000		number using the	decimal places to the nearest	metres (m.) and	reasoning about		
	(M) and recognise		formal written					

years written in	method of short	whole number and to one	estimate the area of	equal sides and	
Roman numerals.	division and interpret	decimal place.	irregular shapes.	angles.	
	remainders		Estimate volume [for		
	appropriately for the context.  Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.	Read, write, order and compare numbers with up to three decimal places.  Solve problems involving number up to three decimal places.  Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.  Solve problems which require knowing percentage and decimal equivalents of one half, one quarter, one fifth, two fifths, four fifths and those fractions with a denominator of a multiple of 10 or 25.	example, using 1 cm <sup>3</sup> blocks to build cuboids (including cubes)] and capacity [for example, using water].  Solve problems involving converting between units of time.  Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.		



Year	Number and Place Value	Addition and Subtraction Multiplication and Division	Fractions Inc. Decimals and Percentages	Measurement	Properties of Shape	Position and Direction	Statistics
6	Read, write, order	Multiply multi-digit numbers up to 4 digits by a	Use common factors to	Solve problems	Draw 2-D shapes	Describe	Interpret and construct
	and compare	two-digit whole number using the formal	simplify fractions; use	involving the	using given	positions on the	pie charts and line
	numbers up to 10	written method of long multiplication.	common multiples to express	calculation and	dimensions and	full coordinate	graphs and use these to
	000 000 and		fractions in the same	conversion of units of	angles.	grid (all four	solve problems.
	determine the value	Divide numbers up to 4 digits by a two-digit	denomination.	measure, using		quadrants).	
	of each digit.	whole number using the formal written method		decimal notation up	Recognise, describe		Calculate and interpret
		of long division, and interpret remainders as	Compare and order fractions,	to three decimal	and build simple 3-D	Draw and	the mean as an average.
	Round any whole	whole number remainders, fractions, or by	including fractions > 1.	places where	shapes, including	translate simple	
	number to a	rounding, as appropriate for the context.		appropriate.	making nets.	shapes on the	
	required degree of		Add and subtract fractions			coordinate	
	accuracy.	Divide numbers up to 4 digits by a two-digit	with different denominators	Use, read, write and	Compare and classify	plane, and	
		number using the formal written method of	and mixed numbers, using the	convert between	geometric shapes	reflect them in	
	Use negative	short division where appropriate, interpreting	concept of equivalent	standard units,	based on their	the axes.	
	numbers in context,	remainders according to the context.	fractions.	converting	properties and sizes		
	and calculate	Perform mental calculations, including with		measurements of	and find unknown		
	intervals across zero.	mixed operations and large numbers.	Multiply simple pairs of proper	length, mass, volume	angles in any		
			fractions, writing the answer in	and time from a	triangles,		
	Solve number and	Identify common factors, common multiples	its simplest form.	smaller unit of	quadrilaterals, and		
	practical problems	and prime number.		measure to a larger	regular polygons.		
	that involve all of the		Divide proper fractions by	unit, and vice versa,			
	above.	Use their knowledge of the order of operations	whole numbers.	using decimal	Illustrate and name		
		to carry out calculations involving the four		notation to up to	parts of circles,		
		operations.	Associate a fraction with	three decimal places.	including radius,		
			division and calculate decimal		diameter and		
		Solve addition and subtraction multi-step	fraction equivalents for a	Convert between	circumference and		
		problems in contexts, deciding which operations	simple fraction.	miles and kilometres.	know that the		
		and methods to use and why.			diameter is twice the		
			Identify the value of each digit	Recognise that	radius.		
		Solve problems involving addition, subtraction,	in numbers given to three	shapes with the same			
		multiplication and division.	decimal places and multiply	areas can have	Recognise angles		
			and divide numbers by 10, 100	different perimeters	where they meet at a		
		Use estimation to check answers to calculations	and 1000 giving answers up to	and vice versa.	point, are on a		
		and determine, in the context of a problem, an	three decimal places.	Recognise when it is	straight line, or are		
		appropriate degree of accuracy.		possible to use	vertically opposite,		
			Multiply one-digit numbers	formulae for area and	and find missing		
			with up to two decimal places	volume of shapes.	angles.		
			by whole numbers.				

	Use written division methods in cases where the answer has up to two decimal places.  Solve problems which require answers to be rounded to specified degrees of accuracy.  Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.	Calculate the area of parallelograms and triangles.  Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units [for example, mm³ and km³].			
Ratio and Proportion	Algebra				
Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.  Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison.  Solve problems involving similar shapes where the scale factor is known or can be found.  Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.		Use simple formulae.  Generate and describe linear number sequences.  Express missing number problems algebraically.  Find pairs of numbers that satisfy an equation with two unknowns.			

#### Vocabulary linked?

https://webarchive.nationalarchives.gov.uk/20110207232720/https://nationalstrategies.standards.dcsf.gov.uk/node/84803?uc%20=%20force\_uj

http://www.letterpress-design-dev.co.uk/fairlawn/wp-content/uploads/2014/09/Key-Curriculum-Vocabulary-2014.pdf

glossary as reference – google NCETM maths glossary

NCETM planning units?

https://www.ncetm.org.uk/resources/50640

Linked to white rose units

https://whiterosemaths.com/resources/schemes-of-learning/primary-sols/