

	Working Towards				
	I am beginning to count in multiples of 6, 7, 9, 25 and 1000				
/alue	I can read and write numbers up to 10,000				
	I understand that there are negative numbers below 0				
Place \	I am beginning to recognise the place value of each digit in a four digit number				
er and	I can order and compare numbers confidently up to 1000				
Numb	I can round any number to the nearest 10 or 100				
	I can solve number and practical problems that involve place value (as above)				
	I know the following Roman numerals: I = 1, V = 5, X = 10, L = 50 and C = 100				
	I can add numbers up to 4 digits using columnar addition				
on and action	I am beginning to subtract numbers up to 4 digits using columnar subtraction				
Additior Subtrac	I can use the inverse operation to check answers to a calculation up to 4 digits	 	 	 	
	I can begin to solve more complex problems involving addition and subtraction, choosing the appropriate operation and method				



	I can recall and use multiplication and division facts for the 3, 4, 6, 8, and 11 multiplication tables				
and Division	I can use place value, known and derived facts to multiply and divide mentally 2, 3, 4, 5, 6, 8 and 11 including multiplying by 0 and 1 and dividing by 1				
	I can find factor pairs for an increasingly large range of numbers				
olication	I can multiply two digit and three digit numbers by a one digit number attempting to use formal written layout				
Multip	I can solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by a one digit number				
	I can solve integer scaling problems using multiplication and division				
	I can recognise and show, using diagrams, families of equivalent fractions for $\frac{1}{2}$ and $\frac{1}{4}$				
	I can count up in hundredths and recognise that hundredths arise when an object is divided into one hundred equal parts and dividing tenths by 10				
	I can find the effect of dividing a one or two digit number by 10, identifying the value of the digits in the answer as ones or tenths				
ctions	I can solve problems involving fractions to calculate quantities and divide quantities, including non-unit fractions where the answer is a whole number				
Fra	I can add fractions with the same denominator beyond one whole				
	I can recognise and write decimal equivalents for any number of tenths and to $\frac{\gamma}{2}$ and $\frac{\gamma}{4}$				
	I can compare numbers with the same number of decimal places up to one decimal place				
	I can solve simple measure and money problems involving fractions and decimals to one decimal place				



	I can convert between some units of measure				
	I can measure and calculate the perimeter of 2D shapes in cm				
Measurement	I am beginning to understand that I can count squares to find the area of a shape				
	I am beginning to estimate different measures				
	I am beginning to convert time between 12 and 24 hour clocks with support				
	I can solve simple problems involving converting hours to minutes; minutes to seconds; years to months; weeks to days				
s of	I can compare and classify some geometric shapes based on their properties and sizes				
opertie: Je	I can identify whether an angle is greater than or less than a right angle and am beginning to use the vocabulary of acute and obtuse				
ietry - Pi Shag	I can identify lines of symmetry in 2D shapes, including in different orientations with support				
Geome	I can complete a simple symmetric figure with respect to a horizontal or vertical line of symmetry and I am able to complete figures with a specific line of symmetry with support				
etry - n and	I can describe positions on a 2D grid as coordinates in the first quadrant and describe movements				
Geome	I can plot specified points				
tics	I can interpret and present data using simple time graphs				
Statistic	I am beginning to solve comparison, sum and difference problems using formation presented in bar charts, pictograms, tables and other graphs with support				



	Expected				
	I can count in multiples of 6, 7, 9, 25 and 1000				
	I can find 1000 more or less than a given number				
	I can count backwards through zero to include negative numbers				
e Value	I can recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones				
iber and Plac	I can order and compare numbers beyond 1000				
	I can identify, represent and estimate numbers using different representations				
Nun	I can round any number to the nearest 10, 100 or 1000				
	I can solve number and practical problems that involve all of the above and with increasingly large positive numbers				
	I can read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.				
and tion	I can add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate				
dition a ubtracti	I can estimate and use inverse operations to check answers to a calculation				
A S	I can solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why		 	 	



	I can recall multiplication and division facts for multiplication tables up to 12×12				
Division	I can use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers				
cation and	I can recognise and use factor pairs and commutativity in mental calculations				
Multiplic	I can multiply two-digit and three-digit numbers by a one-digit number using formal written layout				
	I can solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.				



	l can recognise and show, using diagrams, families of common equivalent fractions				
	I can count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten				
	I can solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non- unit fractions where the answer is a whole number				
	I can add and subtract fractions with the same denominator				
Fractions	I can recognise and write decimal equivalents of any number of tenths or hundredths				
	I can recognise and write decimal equivalents to ¼, ½, ¾				
	I can find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths				
	l can round decimals with one decimal place to the nearest whole number				
	I can compare numbers with the same number of decimal places up to two decimal places				
	I can solve simple measure and money problems involving fractions and decimals to two decimal places				



	I can convert between different units of measure				
	I can measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres				
Measurement	I can find the area of rectilinear shapes by counting squares				
	I can estimate, compare and calculate different measures, including money in pounds and pence				
	I can read, write and convert time between analogue and digital 12- and 24-hour clocks				
	I can solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days				
roperties of pe	I can compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes				
	I can identify acute and obtuse angles and compare and order angles up to two right angles by size				
netry - F Sha	I can identify lines of symmetry in 2-D shapes presented in different orientations				
Geor	I can complete a simple symmetric figure with respect to a specific line of symmetry				
sition on	I can describe positions on a 2-D grid as coordinates in the first quadrant				
etry - Po d Directi	I can describe movements between positions as translations of a given unit to the left/right and up/down				
ics Geomet and I	I can plot specified points and draw sides to complete a given polygon.				
	I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.				
Statis	I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.				



	Greater Depth				
	I can begin to count in decimals and link these known facts with whole number facts				
ne	I can find multiples of 1000 up to 10000 more or less than a given number, including as part of problems				
Jition and btraction btraction	I can count forwards and backwards from numbers below zero, including as part of problems				
	I can recognise the place value of each digit in a five digit number				
	I can order and compare numbers up to 10000				
	I can round any number to the nearest 10, 100, 1000 or 10,000				
	I can solve number and practical problems involving place value with increasing accuracy				
	I can add and subtract numbers beyond 4 digits using formal written methods where appropriate				
	I can estimate whether my answer is sensible and explain my reasoning				
Adi	I can solve multi-step problems involving addition and subtraction, choosing the most appropriate method				



	I can recall multiplication and division facts for multiplication tables up to 12 x 12 fluently and with speed				
and Division	I can use place value, known and derived facts to multiply and divide mentally with numbers greater than 12 x 12, including multiplying together three or more numbers				
	I can find all factor pairs of a number				
lication	I can multiply two digit by two digit numbers using formal written layout				
Multip	I can solve problems involving multiplying and adding, including using the associative and distributive laws to multiply two digit numbers by other two digit numbers				
	I can solve increasingly complex integer scaling and correspondence problems				
	I can recognise and show, using diagrams, families of equivalent fractions, simplifying where necessary				
	I can count up and down fluently in tenths and hundredths				
	I can recognise the effect of dividing a one or two digit number by 1000, identifying the value of the digits in the answer				
ions	I can round decimals with two decimal places to the nearest whole number				
Fract	I can solve increasingly complex problems involving adding and subtracting fractions				
	I can read and write decimal numbers up to one decimal place as fractions				
	I can compare and order numbers with the same number of decimal place up to two decimal places				
	I can solve simple problems involving decimals up to two decimal places				



	I can covert between known units of measurement fluently				
	I can measure and calculate the perimeter of rectilinear figures with accuracy				
ement	I can begin to investigate the area of rectilinear shapes				
Measur	I can estimate different measures with increasing accuracy				
	I can fluently convert time between the 12 and 24 hr clocks and apply this knowledge to a range of situations				
	I can solve increasingly complex problems that involve converting units of time				
roperties of pe	I can compare and classify a wide range of geometric shapes, explaining my reasoning using precise mathematical vocabulary				
	I can confidently identify acute and obtuse angles and order them by size				
netry - F Sha	I can identify all lines of symmetry in any give 2D shape				
Geor	I can complete an increasingly complex symmetric figure with respect to a specific line of symmetry				
Geometry - Position and	I can describe positions on a 2D grid as coordinates in the first quadrant with accuracy and describe movements between positions using precise mathematical vocabulary				
	I can plot specified points accurately using the correct notation and draw sides to complete increasingly complex shapes				
stics	I can accurately interpret and present discrete and continuous data using appropriate graphical methods and explain my reasoning				
Stati	I can solve increasingly complex problems involving comparison, sum and difference using information presented in a wide range of formats		 		