



Number and Place Value					
Count in multiples of 6, 7, 9, 25 and 1,000					
Find 1000 more or less than a given number					
Count backwards through zero to include negative numbers					
Recognise the place value of each digit in a four-digit number (TH,H,T,O)					
Order and compare numbers beyond 1,000					
Identify, represent and estimate numbers using different representations					
Round any number to the nearest 10					
Round any number to the nearest 100					
Round any number to the nearest 1,000					
Solve number and practical problems that involve all of the above and with increasingly large positive numbers					
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.					
Addition and Subtraction					
Add numbers with up to 4 digits using the formal written methods of columnar addition where appropriate					
Subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate					
Estimate and use inverse operations to check answers to a calculation					
Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.					
Multiplication and Division					
Recall multiplication facts for multiplication tables up to 12×12					
Recall division facts for multiplication tables up to 12×12					
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					
Recognise and use factor pairs and commutativity in mental calculations					
Multiply two-digit and three-digit numbers by a one-digit number using formal written layout					
Divide two-digit and three-digit numbers by a one-digit number using formal written layout					
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.					

Fractions (including decimals and percentages)					
Recognise and show, using diagrams, families of common equivalent fractions					
Count up and down in hundredths					
Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.					
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					
Add fractions with the same denominator					
Subtract fractions with the same denominator					
Recognise and write decimal equivalents of any number of tenths or hundredths					
Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$					
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					
Round decimals with one decimal place to the nearest whole number					
Compare numbers with the same number of decimal places up to two decimal places					
Solve simple measure and money problems involving fractions and decimals to two decimal places.					
Measures					
Convert between different units of measure [for example, kilometre to metre; hour to minute]					
Measure and calculate the perimeter of rectilinear figure (including squares) in centimetres and metres					
Find the area of rectilinear shapes by counting squares					
Estimate, compare and calculate different measures, including money in pounds and pence					
Read, write and convert time between analogue and digital 12- and 24-hour clocks					
Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.					
Geometry (Properties of Shape)					
Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes					
Identify acute and obtuse angles and compare and order angles up to two right angles by size					
Identify lines of symmetry in 2-D shapes presented in different orientations					
Complete a simple symmetric figure with respect to a specific line of symmetry.					
Geometry (Position and Direction)					
Describe positions on a 2-D grid as coordinates in the first quadrant					
Describe movements between positions as translations of a given unit to the left/right and up/down					
Plot specified points and draw sides to complete a given polygon.					
Statistics					
Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.					
Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.					