

	1	2	Year 3	4
Counting	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can count (forwards and backwards) to more than 100, beginning from any given number (including 0) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can count in steps of two, five and ten	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can count (forwards and backwards) in steps of 2, 3, and 5 from 0, and in tens from any number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can count from 0 in multiples of 4, 8, 50 and 100; I can say 10 or 100 more or less than a number I am given	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can count in multiples of 6, 7, 9, 25 and 1000 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can say 1000 more or less than a given number <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can count backwards through zero (to include negative numbers)
Place Value		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know the place value of both digits in a two-digit number (like 48) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can compare and order numbers from 0 up to 100; I can use $<$, $>$ and $=$ signs	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know the place value of each digit in a three-digit number <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can compare and order numbers up to 1000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know the place value of each digit in a four-digit number <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can order and compare numbers beyond 1000 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can round any number to the nearest 10, 100 or 1000
Recording numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can make sets of objects or draw pictures to show numbers and I can show where a number is on a number line <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can use these maths terms correctly: equal to, more than, less than (fewer), most, least <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can read and write numbers from 1 to 20 in numerals (figures) and words	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can estimate and tell what numbers are from a set of objects, pictures and number lines; I can record numbers in these sorts of ways <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can read and write numbers up to at least 100 in numerals (figures) and in words	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can estimate and identify and tell what numbers are using different representations (eg. figures, dice dots, pictures and objects); I can record numbers in different ways <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can read and write numbers up to 1000 in numerals (figures) and in words	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can estimate and tell what even larger numbers are using different representations (eg. figures, dice dots, pictures, objects and measurements); I can record numbers in different ways <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can read Roman numerals to 100 (I to C); I know that, over time, our number system changed to include the idea of zero and the idea of place value
+/-	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can add and subtract one-digit and two-digit numbers to 20, including zero (e.g. doing sums like $13-7$; $6+13$)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can do addition (add) and subtraction (take away) sums including: TU+U, TU+T, TU+TU and U+U+U; TU-U, TU-T and TU-TU <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know that, when adding up, it is all right to change the order of the numbers (commutative) BUT that when subtracting you cannot do this	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can add and subtract numbers in my head, including: HTU+U, HTU+T and HTU+H <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can add and subtract numbers with up to three digits, using written column addition and subtraction	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can add and subtract numbers with up to 4 digits using written column addition and subtraction where appropriate
Number facts	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know my number bonds to 20 (addition and subtraction facts)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I am quick at remembering addition and subtraction facts (number bonds) to 20; I can use them to do sums, and work out and use related facts up to 100 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know the 2, 5 and 10 times tables; I can use these multiplication and division facts to help me answer sums and to recognise odd and even numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know my 3, 4 and 8 multiplication tables and I can use these multiplication and division facts to help me do calculations	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know my multiplication tables up to 12×12
mental (x/÷)		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to simple times (multiplication) and share by (division) sums; I can write down sums using the multiplication (\times), division (\div) and equals ($=$) signs <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know that when you times numbers together, it is all right to change the order of the numbers (commutative) BUT that when dividing, you cannot do this	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can write down and find answers to multiplication and division sums using the multiplication tables I know (including for TUxU) in my head	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> When I do multiplication and division sums in my head, I use place value and my times tables knowledge (including multiplying by 0 and 1 and dividing by 1) to help me find answers; I can multiply three numbers together
Written (x/÷)			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I am beginning to use written methods for multiplication and division sums	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can multiply two-digit and three-digit numbers by a one-digit number using formal written method
Problems	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to one-step addition and subtraction problems, using objects and pictures, including missing number problems such as $7 = \square - 9$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can answer one-step multiplication and division problems using objects and pictures (and with the help of a grown-up)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to addition and subtraction problems, using objects, pictures and numbers <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know that addition and subtraction are inverse operations; I know that this means that I can check an answer to an addition sum by doing a subtraction (and vice versa) and use the inverse operation to solve missing number problems. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to multiplication and division problems; I can do this when I use objects and grids to help me; I can find answers to multiplication sums by adding on the right number of times; I can also find answers by doing sums in my head and by using the facts I know from my times tables. I can do this for questions including "story problems" like "If we all want two sweets each, how many do we need for everyone in class?"	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can estimate the answer to a calculation and use inverse operations to check answers <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to problems (including missing number problems) using number facts, place value, and written sums <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to multiplication and division problems (including missing number problems and sums like 12 sweets are shared equally between 4 children); I choose the right type of sum to do and can explain why it is the right type of sum	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can estimate and use inverse operations to check answers to a calculation <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can solve addition and subtraction two-step problems in different contexts, deciding which operations and methods to use and why <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to multiplication and division problems presented in different ways (including correspondence and scaling) and involving harder numbers; I can multiply two digit numbers by one digit by partitioning, multiplying and then adding (so I answer 39×7 by adding the answers to 30×7 and 9×7)

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Fractions	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know that a half is one of two equal parts of an object, shape or number; I can recognise a half of something <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know that a quarter is one of four equal parts of an object, shape or number; I can recognise a quarter of something	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can recognise, find, name and write fractions $1/3$, $1/4$, $2/4$ and $3/4$ of a length, a shape, a set of objects or a quantity	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can count up and down in tenths; <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know that tenths come from dividing something into 10 equal parts and by dividing numbers by 10 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can compare and order unit fractions (fractions with 1 as the numerator), and fractions with the same denominators <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can pick out and show, using diagrams, some equivalent fractions	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can count up and down in hundredths; <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know that that hundredths come from dividing something by one hundred and dividing by tenths by ten <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can identify and show, using diagrams, families of common equivalent fractions; I use factors and multiples to help me identify equivalent fractions
Calculating with fractions		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can write simple fractions (for example, $1/2$ of $6 = 3$) and I know that $2/4$ means the same as (is equivalent to) $1/2$.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can work out and write down fractions of a set of objects <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know fractions are numbers: I can put them on a number line; compare fractions and pick our equivalent fractions. I can work out fractions of a number <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can add and subtract fractions with the same denominator [e.g. $5/7 + 1/7 = 6/7$] <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to problems using all my fractions knowledge	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to problems involving harder fractions to work out quantities; I can use fractions (including non-unit fractions like $2/3$ and $4/5$ where the numerator is not "1") to divide quantities where the answer is a whole number <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can add and subtract fractions with the same denominator <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to simple measurement and money problems involving fractions
Measures	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can compare and describe lengths/heights (using maths terms like long, short, tall, longer, shorter, taller, double, half) and do the same for weight/mass, capacity/volume & time; I can find answers to practical measurement problems <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can measure length/height, weight/mass, capacity/volume & time; I can write down my measurements with some help	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can measure (to the nearest unit): lengths and heights (in metres or centimetres); mass (in kilograms and grams); temperature (in °C); capacity (in litres or millilitres) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can use rulers, scales, thermometers and measuring vessels sensibly <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can compare and order lengths, mass, volume/capacity and record the results; I can use symbols $>$, $<$ and $=$ to do this	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volumes/capacities (l/ml) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can measure the perimeter of simple 2-D shapes	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can convert between different units of measurement (e.g. km to m, hour to minute) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can estimate, compare and calculate using different measures (including money in pounds and pence) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can measure and calculate the perimeter of rectangles and squares in centimetres and metres
Money	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> In money, I know the value of different coins and notes; I can pick out a coin or note I am asked to	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know and use symbols for pounds (£) and pence (p); I can put together the right coins and notes to make a particular amount of money <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can make an amount of money using coins and do this in different ways for the same amount of money <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can use coins and notes to add up and take away amounts of money (using pound or pence) including giving change	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can use coins and notes to add and subtract amounts of money; I can give change, using both £ and p	
Time	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can put events in (time) order using language like: before, after, next, first, today, yesterday, tomorrow, morning, afternoon, evening <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know and can use words relating to dates, including days of the week, weeks, months and years <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can tell the time to the hour and half past the hour; I can draw the hands on a clock face to show these times	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> When thinking about time, I can say which intervals are longer and which are shorter and can put them in order of length <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can tell the time to five minutes, including quarter past/quarter to the hour; I can write the time and draw the hands on a clock face to show times <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know the number of minutes in an hour and the number of hours in a day	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can tell and write down the time from an analogue clock (including using Roman numerals from I to XII) and 12-hour and 24-hour clocks <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can estimate and read time to the nearest minute; I can record and compare time in terms of seconds, minutes and hours; I can use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know the number of seconds in a minute and the number of days in each month, year and leap year <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can compare durations (length of time) of events	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can convert between different units of measurement (e.g. hours to minutes) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days
Shape	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I recognise and can name common 2-D shapes (e.g. square, rectangles, circle, triangle) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I recognise and can name common 3-D shapes (e.g. cubes, cuboids, pyramids & spheres)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can name and describe the properties of 2-D shapes, including the number of sides (edges) and line symmetry <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can compare and sort common 2-D and 3-D shapes and everyday objects. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can name and describe the properties of 3-D shapes, including the number of edges, vertices and faces <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can name 2-D shapes on the surface of 3-D shapes.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can draw simple 2-D shapes <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can make 3-D shapes using modelling materials <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can name 3-D shapes in different orientations and describe them	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can compare and group (classify) shapes (including quadrilaterals and triangles) based on properties and sizes <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find lines of symmetry in 2-D shapes even when they are presented in different orientations <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can complete a simple symmetrical shape given a line of symmetry.
Position, direction & angles	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can describe position the position of something (using words like: left and right, top, middle and bottom, on top of, in front of, above, between, around, near, close and far, up and down, forwards and backwards, inside and outside); I can describe the direction and movement of something (including whole, half, quarter and three-quarter turns)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can describe position, direction and movement using mathematical vocabulary <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can describe a turn in terms of right angles for quarter, half and $\frac{3}{4}$ turns	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I know that "angle" has a meaning in two situations - as a property of shapes and as a description of a turn <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can identify right angles; I know that two right angles make a half-turn, three make three quarters of a turn and four a complete turn <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can tell whether angles are greater or less than a right angle	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can identify acute and obtuse angles <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can compare and order angles (up to 180°) by size <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can describe positions on a 2-D grid (in the first quadrant) using coordinates <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can plot specified points on a grid and draw sides to complete a given polygon
Statistics		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can read and draw simple pictograms, tally charts, block diagrams and simple tables <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can ask and answer simple questions by counting the number of objects in each group (category) and sorting the categories by size <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can ask and answer questions about totals and where I have to compare group data	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can read and present data using bar charts, pictograms and tables <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can find answers to one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in bar charts, pictograms and tables	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can read and present data (discrete and continuous) using appropriate graphs, (including bar charts and time graphs) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I can use information presented in bar charts, pictograms, tables and other graphs to answer questions where I need to add, subtract or compare