

Year 1

	I can	✓	Date
Number and Place Value	Count forwards in 1s, 2s, 5s and 10s up to 100 starting at any number		
	Count backwards in 1s, 2s, 5s and 10s up to 100 from any number		
	Read and write numbers from 1 to 20 in digits and words		
	Count in multiples of twos, fives and tens		
	Say a number which is one more than any given number up to 100		
	Say a number which is one less than any given number up to 100		
	Make numbers using objects and number lines		
	Use the language of: equal to, more than, less than (fewer), most, least		
	Count, read and write numbers to 100		
+ and -	Understand the words add, total, sum and find the difference		
	Add 2 single digits up to 20		
	Add a single digit number to a 2-digit number up to 20		
	Add 3 single digits up to 20		
	Subtract a single digit from a 2-digit number up to 20		
	Answer addition number bonds to 20		
	Answer subtraction number bonds to 20		
	Solve one-step problems that involve addition up to 100 using apparatus		
	Solve missing number problems that involve addition using apparatus		
	Solve one-step problems that involve subtraction using apparatus		
	Solve missing number problems that involve subtraction using apparatus		

	I can	✓	Date
x and ÷	Solve one-step times table and division problems up to 20 using objects, graphs, charts and arrays with my teacher's help		
	Understand the x and ÷ sign		
	Tell you what halving and doubling are		
Fractions	Tell you what happens if you add two equal halves of a shape together		
	Tell you what happens if you add four equal quarters of a shape together		
Measurement and Geometry	Measure and compare lengths and heights and write my results in centimetres and metres		
	Measure and compare mass and weights and write my results in grams and kilograms		
	Measure and compare capacity and volume and write my results in millilitres and litres		
	Measure how long things take and write my results in minutes, seconds and hours		
	Recognise the value of different coins and notes		
	Sequence events in time order using correct language		
	Tell you the difference between days, months and years in the date		
	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times		
	Identify squares, rectangles, circles and triangles		
	Identify cuboids, cubes, pyramids and spheres		
	Describe things which are either top, bottom, middle, next to and directions		
	Describe things which have made half, quarter and three-quarter turns		

Year 2

	I can...	✓	Date
Number and Place Value	Count in steps of 2,3 and 5 from 0, and in tens from any number, forward and backward		
	Identify, represent and estimate numbers in different representations, including the number line		
	Compare and order numbers from 0 up to 100 using, < > and =		
	Partition numbers (tens, ones) and use this to solve number problems		
	Read and write numbers to at least 100 in numerals and in words		
+ and -	Mentally add and subtract two-digit numbers and ones		
	Mentally add and subtract three single digit numbers		
	Mentally add and subtract two-digit numbers and tens		
	Add and subtract two two-digit numbers		
	Check my answers to missing number problems by using the inverse		
	Solve simple addition and subtraction word problems		
	Use addition and subtraction facts to 20 fluently and use related facts up to 100		
x and ÷	Write multiplication statements for x2, x5, and x10 using the multiplication and equals signs		
	Write division statements for x2, x5, and x10 using the division and equals signs		
	Solve one-step multiplication problems using apparatus if required		
	Solve one-step division problems using apparatus if required		
Fractions	Explain how two quarters is the same as one half		
	Calculate one third and one quarter of numbers up to 100		
	Count in quarters up to 10		

	I can...	✓	Date
Measurement	Estimate and measure length and height, mass, temperature and capacity to the nearest appropriate unit, using rulers, scales,		
	Read scales to the nearest numbered unit		
	Compare and order lengths, mass, volume/capacity and record the results using, < > and =		
	Tell and write the time to five minutes and draw the hands on a clock face to show these times		
	Compare and sequence intervals of time		
	Add and subtract amounts up to £20 and work out the change from £5		
Geometry	Make different amounts of money using the correct coins		
	Name and describe 2-D shapes, by the number of sides, right angles and symmetry		
	Name and describe 3-D shapes, by the number of edges, corners, faces and right angles		
	Compare and sort common 2-D and 3-D shapes		
	Identify 2-D shapes on the surface of 3-D shapes		
Stats	Describe the amount of turn using right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise), and movement in a straight line		
	Order and arrange objects in patterns and sequences		
	Make a block diagram and ask and answer questions about it		
	Ask and answer questions about the information in a simple table		

Year 3

	I can...	✓	Date
Number and Place Value	Read, and write numbers to at least 1000 in numerals and words		
	Recognise the place value of each digit in a three -digit number		
	Count from 0 in multiples of 4, 8, 50 and 100		
	Identify and estimate numbers		
	Compare and order numbers up to 1000 using =, > and <		
+ and -	Add numbers with up to 3-digits, using the column method with carrying and exchanging		
	Subtract numbers with up to 3-digits, using the column method with carrying and exchanging		
	Estimate the answer to a calculation		
	Use inverse operations to check answers		
	Solve missing number addition and subtraction problems		
	Solve more complex addition and subtraction problems		
	Mentally add and subtract a 3-digit number and a hundreds number		
x and ÷	Multiply a 2-digit number by a single digit using a simple grid		
	Answer multiplication and division facts for the 2, 3, 4, 5, 8, 10, 11 times tables		
	Solve problems, including missing number problems		

	I can...	✓	Date
Fractions	Show using diagrams, equivalent fractions with small denominators		
	Add and subtract fractions with the same denominator up to one whole		
	Count up and down in tenths and recognise tenths arise from dividing an object into 10 equal parts		
	Solve fraction problems using what I know so far about fractions		
	Find non unit fractions with small denominators of a set of objects		
Measurement	Add and subtract amounts of money to give change		
	Measure, compare, add and subtract: length, mass and volume/ capacity		
	Tell and write the 12-hour and 24-hour time using Roman numerals		
	Read time to the nearest minute and use am/pm morning, afternoon, noon and midnight		
	Calculate how long events will take and know how many seconds in a minute and days in each month		
Shape	Draw horizontal, vertical, perpendicular and parallel lines		
	Draw 2D shapes and make 3D shapes using different materials		
	Identify right angles and workout if angles are greater or less than a right angle		
	Recognise two right angles make a half turn, three make three quarters of a turn and so on		
Data	Solve one-step and two-step questions such as 'How many more?' and 'How many fewer?' using information presented in tables		

Year 4

Coverage of skills Reception – Year 6



	I can...	✓	Date
Number and Place Value	Read Roman numerals to 100		
	Find 1000 more or less than a given number		
	Count backwards through zero and understand that -3 is greater than -5		
	Order numbers up to 10,000 using =, > and <		
	Recognise the place value of each digit in a four-digit number		
	Count in multiples of 6, 7, 9, 25 and 1000		
	Identify, represent and estimate numbers		
	Round any numbers to the nearest 10, 100 or 1000		
	Solve number problems involving all of the above		
+ and -	Solve 2-step problems by deciding which operation to use and why		
	Add and subtract numbers with up to 4 digits using the column method		
	Make a sensible estimate and check the answer using the inverse operation		
x and ÷	Answer multiplication and division facts for multiplication tables up to 12x12 very quickly		
	Say all the square numbers		
	Work out the factor pairs and use them in mental calculations		
	Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written method		
	Solve more complex problems		

	I can...	✓	Date
Fractions	Count up and down in hundredths and write decimal equivalents of tenths and hundredths		
	Solve problems involving increasingly harder fractions		
	Round decimals with one decimal place to the nearest whole number		
	Order numbers with the same number of decimal places up to one decimal place		
	Calculate equivalent fractions of a given fraction including tenths and hundredths		
	Add and subtract fractions with the same denominator		
	Measures	Convert between different units of measure	
Calculate the perimeter and area of basic shapes			
Solve simple measure and money problems involving fractions and decimals to two decimal places			
Read, write and convert time between analogue and digital			
Shape	Compare 2-D 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 2D shapes and complete simple symmetrical patterns		
Data	Describe positions on a 2D grid as coordinates and describe movements in units left/right and up/down		
	Solve a problem by collecting data, presenting it in a bar chart and interpreting it		
	Solve a problem by collecting data, presenting it in a line graph and interpreting it		

Year 5

Coverage of skills Reception – Year 6



	I can...	✓	Date
Number and Place Value	Count forwards and backwards in steps of 1,000 and 100,000 from any number up to 1,000,000		
	Round any number up to 1,000,000 to the nearest 100,000 10,000, 1000, 100 and 10		
	Read Roman numerals to 1000(M) and recognise years written in Roman numerals		
	Solve number problems and practical problems that involve all these aspects		
	Read, write and compare numbers to at least 1,000,000		
	Understand negative numbers in context and count backwards and forwards with positive and negative numbers		
+ and -	Mentally add and subtract any 2 and 3-digit numbers		
	Add and subtract any 1000s number from any 5-digit number		
	Use rounding to check answers		
	Solve addition and subtraction multi-step problems		
x and ÷	Identify multiples and be able to find all factor pairs		
	Recognise and use squared and cubed numbers and the correct notation		
	Work out if a number is prime up to 100 and recall prime numbers up to 19		
	Solve problems where larger numbers are used by decomposing them into their factors		
	Multiply numbers up to 4-digits by a 1-digit and 2-digit number using an efficient written method		
	Divide numbers up to 4-digits by a 1-digit number using short division written method		
	Solve problems including scaling by simple fractions and problems involving simple rates		
	Solve problems using all four operations		
Fractions	Multiply and divide whole numbers and decimals by 10, 100 and 1000		
	Solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those with a denominator of a multiple of 10 or 25		

	I can...	✓	Date
Fractions	Read, write, order, compare and round decimals		
	Compare and order fractions whose denominators are all multiples of the same number		
	Add and subtract fractions with the same denominator and related fractions; write mathematical statements >1 as a mixed number		
	Multiply proper fractions and mixed numbers by whole numbers up to 10, supported by materials and diagrams		
	Recognise the percent symbol (%) and understand it relates to 'number of parts per hundred'		
	Measures	Convert metric to common imperial units and imperial to metric	
Measure and calculate the perimeter of composite rectilinear shapes in cm and m			
Calculate and compare the areas of squares and rectangles using square centimetres and square metres and estimate the area of irregular shapes			
Convert between different units of metric measure and estimate volume			
Shape	Draw given angles and compare and estimate different types of angles		
	State and use the properties of a rectangle (including squares) to deduce related facts		
	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles		
	Identify multiples of 90°; angles at a point on a straight line and 1/2 a turn (total 180°); angles at a point and one whole turn (total 360°); reflex angles and compare different angles		
	Identify, describe and represent the position of a shape following a reflection or translation in all four quadrants and know that the shape has not changed		
Data	Solve problems using information presented in line graphs		
	Interpret information in tables and timetables		

Year 6

Coverage of skills Reception – Year 6



	I can...	✓	Date
Number and Place Value	Read, write, order and compare numbers up to 10,000,000		
	Round any whole number to a required degree of accuracy		
	Perform mental calculations, including with mixed operations and large numbers		
	Use negative numbers in context and calculate across zero		
	Solve problems that involve all of the above		
+ - x ÷	Multiply and divide numbers up to 4-digits by a 2-digit whole number up to 20 using the efficient written method and interpret remainders (when dividing) as whole number remainders, fractions or by rounding, as appropriate for the context		
	Solve multi-step problems involving the 4 operations and use estimations to check answers to calculations		
	Use my knowledge of the order of operations to carry out calculations involving the 4 operations		
Fractions, Decimals and %	Perform mental calculations, including mixed operations and large numbers		
	Add and subtract fractions with different denominators and mixed numbers using the concept of equivalent fractions		
	Multiply simple pairs of proper fractions writing the answer in its simplest form (eg $1/4 \times 1/2$)		
	Divide proper fractions by whole numbers (eg $1/3 \div 2 = 1/6$)		
	Multiply 1-digit numbers with up to 2 decimal places by whole numbers		
	Use written division methods in cases where the answer has up to 2 decimal places		
	Solve problems which require answers to be rounded to specified degrees of accuracy		
	Compare, order and simplify fractions		
Recall and use equivalences between fractions, decimals and percentages			
Ratio and Proportion	Solve problems involving the relative sizes of 2 quantities		
	Solve problems involving unequal sharing and grouping eg 3/5 of the class are boys etc		

	I can...	✓	Date
	Solve problems involving similar shapes where the scale factor is known or can be found		
	Solve simple ratio and proportion problems		
	Solve problems involving the calculation of percentages		
Algebra	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		
Measurement	Enumerate all possibilities of combinations of two variables		
	Recognise that shapes with the same areas can have different perimeters and vice versa		
	Calculate the area of parallelograms and triangles and be able to use the correct formulae		
	Calculate the volume of cubes and cuboids using centimetre cubed and cubic metres and extending to other units, such as mm cubed and km cubed		
	Solve problems involving calculation and conversion of units		
Shape	Use, read, write and convert between standard units		
	Classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons		
	Find unknown angles where they meet at a point and are on a straight line and are vertically opposite		
	Draw 2D shapes using given dimensions and angles		
	Recognise, describe and build simple 3D shapes, including making nets		
	Illustrate and name parts of a circle and know that the diameter is twice the radius		
	Describe positions on the full coordinate grid (all four quadrants)		
	Draw and translate simple shapes on the co-ordinate plane, reflect them in the axes and rotate around a point		
Data	Interpret and construct pie charts and use these to solve problems using my knowledge of angles, fractions and percentages		
	Calculate and interpret the mean as an average		