

Number		
Number and Place Value	Addition and Subtraction	Multiplication and Division
count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward	<p>solve problems with addition and subtraction:</p> <ul style="list-style-type: none"> - using concrete objects and pictorial representations, including those involving numbers, quantities and measures - applying their increasing knowledge of mental and 	recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
recognise the place value of each digit in a two-digit number (tens, ones)	recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs
identify, represent and estimate numbers using different representations, including the number line	<p>add and subtract numbers using concrete objects, pictorial representations, and mentally, including:</p> <ul style="list-style-type: none"> - a two-digit number and ones - a two-digit number and tens - two two-digit numbers - adding three one-digit 	show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs	show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
read and write numbers to at least 100 in numerals and in words	recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.	
use place value and number facts to solve problems		

Fractions, Decimals & Percentages	Measurement	Geon Properties of Shapes
		recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity
write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$	compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$	identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
	recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]
	find different combinations of coins that equal the same amounts of money	compare and sort common 2-D and 3-D shapes and everyday objects
	solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	
	compare and sequence intervals of time	
	tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show	
	know the number of minutes in an hour and the number of hours in a day.	

ometry	Statistics	Ratio & Proportion
Position & Direction		
order and arrange combinations of mathematical objects in patterns and sequences	interpret and construct simple pictograms, tally charts, block diagrams and simple tables	
use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise	ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	
	ask and answer questions about totalling and comparing categorical data	

