

Year 4 Maths Expectations						
Number - Number and Place Value	Count in multiples of 6	Y				
	Count in multiples of 7	Y				
	Count in multiples of 9	Y				
	Count in multiples of 25	N				
	Count in multiples of 1000	N				
	Find 1000 more than a given number	N				
	Find 1000 less than a given number	N				
	Count backwards through 0 to include negative numbers	Y				
	Recognise the place value of each digit in a four-digit number (1000s, 100s, 10s, and 1s)	Y				
	Order and compare numbers beyond 1000	Y				
	Identify, represent and estimate numbers using different representations	N				
	Round any number to the nearest 10	Y				
	Round any number to the nearest 100	Y				
	Round any number to the 1000	Y				
	Solve number and practical problems that involve rounding numbers to the nearest 10, 100 or 1000 with increasingly large positive numbers	N				
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.	N/A AT SECONDARY					
Number - Addition and Subtraction	Add numbers with up to 4 digits using the formal written methods of column addition	Y				
	Subtract numbers with up to 4 digits using the formal written methods of column subtraction	Y				
	Estimate and use inverse operations to check answers to a calculation	Y				
	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	Y				
Number – Multiplication and Division	Recall multiplication and division facts for 2 times tables up to 2x12	y				
	Recall multiplication and division facts for 3 times tables up to 3x12	y				
	Recall multiplication and division facts for 4 times tables up to 4x12	y				
	Recall multiplication and division facts for 5 times tables up to 5x12	y				
	Recall multiplication and division facts for 6 times tables up to 6x12	y				
	Recall multiplication and division facts for 7 times tables up to 7x12	y				
	Recall multiplication and division facts for 8 times tables up to 8x12	y				
	Recall multiplication and division facts for 9 times tables up to 9x12	y				
	Recall multiplication and division facts for 10 times tables up to 10x12	y				
	Recall multiplication and division facts for 11 times tables up to 11x12	y				
	Recall multiplication and division facts for 12 times tables up to 12x12	y				

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	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1	N				
	Use place value, known and derived facts to multiply and divide mentally, including; multiplying together three numbers	N				
	Recognise and use factor pairs and commutativity in mental calculations	y				
	Multiply two-digit by a one-digit number using formal written layout	y				
	Multiply three-digit numbers by a one-digit number using formal written layout	y				
	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.	N				
<b>Number - Fractions (including decimal)</b>	Recognise and show, using diagrams, families of common equivalent fractions	N				
	Count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10.	N				
	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	N				
	Add and subtract fractions with the same denominator	y				
	Recognise and write decimal equivalents of any number of tenths or hundredths	y				
	Recognise and write decimal equivalents to $\frac{1}{4}$	y				
	Recognise and write decimal equivalents to $\frac{1}{2}$	y				
	Recognise and write decimal equivalents to $\frac{3}{4}$	y				
	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	y				
	Round decimals with one decimal place to the nearest whole number	y				
<b>Measurement</b>	Compare numbers with the same number of decimal places up to two decimal places	y				
	Solve simple measure and money problems involving fractions and decimals to two decimal places.	N				
	Convert between different units of measure e.g. kilometre to metre, hour to minute.	y				
	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.	y				
	Find the area of rectilinear shapes by counting squares.	y				
	Estimate, compare and calculate different measures, including money in pounds and pence.	N				
	Read and write time on an analogue clock.	y				
	Read and write time on a digital clock, 12- and 24- hours..	y				
	Convert time between analogue and digital 12- and 24-hour clocks.	y				
	Solve problems involving converting from hours to minutes;	y				
minutes to seconds;	y					
Years to months;	y					

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	Weeks to days.	y				
<b>Geo metry - Prop erties of shap e</b>	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.	y				
	Identify acute and obtuse angles and compare and order angles up to two right angles by size.	y				
	Identify lines of symmetry in 2-D shapes presented in different orientations	y				
	Complete a simple symmetric figure with respect to a specific line of symmetry.	y				
<b>Geo metry - Positi on and direct ion</b>	Describe positions on a 2-D grid as coordinates in the first quadrant.	y				
	Describe movements between positions as translations of a given unit to the left/right and up/down.	y				
	Plot specified points and draw sides to complete a given polygon.	N				
<b>Statis tics</b>	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.	y				
	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	y				
Emerging 1-8/69	Emerging + 9-17/69	Developing 18-25/69	Developing + 26-32/69	Secure 33-40/69	Secure + 41-48/69	Mastery 49