

Stage 4 Maths Expectations

Count in multiples of 6, 7, and 9, 25 and 1000.	Round any number to the nearest 10, 100 or 1000 and decimals with one decimal place to the nearest whole number	Count backwards through zero to include negative numbers	Compare numbers with the same number of decimal places up to 2 decimal places	
Recognise place value in 4-digit numbers Find one thousand more or less than any number	Count up and down in 100ths	Add and subtract with up to 4 digits using formal written methods of columnar addition and subtraction	Compare and order numbers beyond 1000 Read Roman numerals to 100	
Recall all multiplication facts to 12 x 12 Including recognising and use factor pairs and commutativity in mental calculations.	Recognise and write decimal equivalents of any number of tenths or hundredths	Solve addition and subtraction two-step problems in context deciding which operations to use and why. (RAPACODANUMBO)	Estimate answers and use inverse operations to check answers	
Solve a variety of two-step problems involving multiplication and division.	Solve simple measures (including time) and money problems involving fractions and decimals to 2 decimal places	Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout	Use place value, known and derived facts to multiply and divide mentally including multiplying by 0 and 1; dividing by 1 and multiplying 3 numbers together.	
Write equivalent fractions Convert fractions to decimal equivalents including $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$	Solve problems with increasingly harder fractions to calculate quantities where the answer is a whole number Eg there are 20 people in the crowd what fraction are wearing hats?	Compare and classify geometrical shapes, including quadrilaterals and triangles, based on their properties and sizes	Describe movements between positions as translations of a given unit to the left/right and up/down.	
Read, write and convert between different units of measure including length, time and capacity.	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	Know that angles are measured in degrees and identify acute and obtuse angles and compare and order angles up to two right angles by size	Measure and calculate the perimeter and area of a rectilinear shape in centimetres and metres	
Start of Autumn	Data Capture 1	Data Capture 2	Data Capture 3	End of Summer
Instant recall facts				
Autumn 1 I know number bonds to 100. I can count in 25s and 1000s.	Autumn 2 I can count in 6s. I know the multiplication and division facts for the 6 times table. (up to 12x6)	Spring1 I can count in 9s and 7s. I know the multiplication and division facts for the 9 and 7 times tables. (up to 12x9 and 12x7)		
Spring 2 I can count in 11s and 12s. I know the multiplication and division facts for the 11 and 12 times table. (up to 12x11 and 12x12)	Summer 1 I can recognise decimal equivalents of the fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, tenths and hundredths.	Summer 2 I can multiply and divide 1 and 2-digit numbers by 10 and 100.		