

Year 3	Objectives	<i>Recap key yr 2 objectives until mastery</i> Numbers to 1000 Addition and subtraction Multiplication and division		Length Mass Volume	Money Time Picture graphs and bar graphs	Fractions	Angles Lines and shapes Perimeter of figures
	Fluency	Add and subtract a three-digit number and ones Add and subtract a three-digit number and tens 2x, 4x	Add and subtract a three-digit number and hundreds 4x, 8x	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction 2x, 4x, 8x	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction 3x, 6x	Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods 3x, 6x, 9x	Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods 11x 12x
Year 4	Objectives	<i>Recap key yr 3 objectives until mastery</i> Numbers to 10,000 Addition and subtraction within 10,000 Multiplication and division Graphs		Fractions	Time Decimals	Money Mass, volume and length	Area Geometry Position and movement Roman numerals
	Fluency	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate (pupils continue to practise both mental methods and columnar addition and subtraction with increasingly large numbers to aid fluency) 2x, 4x, 8x	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate (pupils continue to practise both mental methods and columnar addition and subtraction with increasingly large numbers to aid fluency) 3x, 6x, 12x	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate (pupils continue to practise both mental methods and columnar addition and subtraction with increasingly large numbers to aid fluency) 7x, 9x	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout (pupils practise mental methods and extend this to three-digit numbers to derive facts, (for example $600 \div 3 = 200$ can be derived from $2 \times 3 = 6$). Gaps (AFL)	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout (pupils practise mental methods and extend this to three-digit numbers to derive facts, (for example $600 \div 3 = 200$ can be derived from $2 \times 3 = 6$). Revision of all	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout (pupils practise mental methods and extend this to three-digit numbers to derive facts, (for example $600 \div 3 = 200$ can be derived from $2 \times 3 = 6$). Revision MTC
Year 5	Objectives	<i>Recap key yr 4 objectives until mastery</i> Numbers to 1,000,000 Whole numbers- addition and subtraction Multiplication and division Word problems Graphs		Fractions	Decimals Percentages	Geometry Position and movement Measurements	Area and perimeter Volume Roman numerals
	Fluency	Add and subtract numbers mentally with increasingly large numbers (they practise mental calculations with increasingly large numbers to aid fluency for example, $12\ 462 - 2300 = 10\ 162$). 4x, 8x	Add and subtract numbers mentally with increasingly large numbers (they practise mental calculations with increasingly large numbers to aid fluency for example, $12\ 462 - 2300 = 10\ 162$). 3x, 6x, 12x	Add and subtract numbers mentally with increasingly large numbers (they practise mental calculations with increasingly large numbers to aid fluency for example, $12\ 462 - 2300 = 10\ 162$). 7x, 9x, 11x	Multiply and divide numbers mentally drawing upon known facts 25x	Multiply and divide numbers mentally drawing upon known facts 15x	Multiply and divide numbers mentally drawing upon known facts Revision of all
Year 6	Objectives	<i>Recap key yr 5 objectives until mastery</i> Numbers to 10 million Four operations Fractions Decimals Percentages		Measurements Ratio Algebra	Area and perimeter Volume Geometry	SATs revision	Position and movement Graphs and averages Negative numbers
	Fluency	Perform mental calculations, including with mixed operations and large numbers 2x, 4x, 8x	Perform mental calculations, including with mixed operations and large numbers 3x, 6x, 9x, 12x	Perform mental calculations, including with mixed operations and large numbers 7x, 15x, 25x	Perform mental calculations, including with mixed operations and large numbers Finding 10%, 25% and 50% of numbers	Perform mental calculations, including with mixed operations and large numbers Basic FDPs equivalence	Perform mental calculations, including with mixed operations and large numbers Revision of all
		Addition and subtraction facts for multiples of 10 to 1000 and decimal numbers with one decimal place, e.g. $650 + \bullet = 930$, $\bullet - 1.4 = 2.5$			What must be added to a decimal with units, tenths and hundredths to make the next whole number, e.g. $7.26 + \bullet = 8$		

