

Phase 2: Number and Algebra with identified “worry point” if not achieved during the progress.		
Must achieve during year 4	Must achieve during year 5	Progress outcome by end of year 6 Number & Algebra
recognise, read, write, order, partition, recombine and represent whole numbers up to 10 000	recognise, read, write, order, partition, recombine and represent whole numbers up to 100 000	recognise, read, write, order, partition, recombine and represent whole numbers up to 1 000 000
use their recalled addition and subtraction basic facts to solve problems add and subtract two and three digit numbers reliably and efficiently add and subtract using the commutative property	add and subtract whole numbers reliably and efficiently	add and subtract whole numbers and decimal numbers to 2 decimal places
use the relationship between multiplication and division to divide recall multiplication and corresponding division facts for 3s and 4s	multiply two digit numbers using the distributive property multiply reliably and efficiently recall multiplication and corresponding division facts for 6s, 8s and 9s	multiply two and three digit whole numbers divide whole numbers by one or two digit divisors find factors of numbers up to 100 recall multiplication facts to 10 x 10 and corresponding division facts use the distributive, commutative and associative properties
represent common fractions, including those greater than 1, on a number line	compare fractions with a benchmark fraction and put them in order convert between benchmark fractions, decimals and percentages ($\frac{1}{2} = 50\% = 0.5$) represent decimals, fractions and percentages using both discrete and continuous models	recognise, read, write, represent, compare, order and convert between fractions, decimals (to 3 decimal places) and percentages. find equivalent fractions for halves, thirds, quarters, sixths and eighths, and represent fractions in their simplest form find a fraction or a percentage of whole numbers
solve addition and subtraction open number sentences using the relationship between the two sides of the equals sign	solve open number sentences involving all operations using the relationship between the two sides of the equal sign.	solve open number sentences and true or false number sentences involving equality and inequality use tables, XY graphs and diagrams to find relationships between elements of growing patterns develop a rule in words about a linear pattern use a rule to make predictions create and use algorithms for making decisions that involve clear choices