

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Year 3	Place Value - count from 0 in multiples of 4, 8, 50 and 100 - find 10 or 100 more or less than a given number - identify, represent and estimate numbers using different representations - read and write numbers up to 1000 in numerals and in words - recognise the place value of each digit in a three-digit number (hundreds, tens, ones) - compare and order numbers up to 1000 - recognise the place value of each digit in a three-digit number (hundreds, tens, ones) - compare and order numbers up to 1000			Addition & Subtraction - add and subtract numbers mentally, including: - a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds - add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction				Addition & Subtraction	NFERS	Multiplication & Division A - recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables - 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		Consolidation	
								Consolidation	Consolidation				
								NFERS					
Year 4	Place Value - count in multiples of 6, 7, 9, 25 and 1000 - count backwards through zero to include negative numbers - identify, represent and estimate numbers using different representations - 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 - find 1000 more or less than a given number - recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) - order and compare numbers beyond 1000 - round any number to the nearest 10, 100 or 1000 - solve number and practical problems that involve all of the above and with increasingly large positive numbers			Place Value	Addition & Subtraction - add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate - solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why		Area find the area of rectilinear shapes by counting squares	Consolidation	Consolidation	Multiplication & Division - recall multiplication and division facts for multiplication tables up to 12 × 12 - use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers - recognise and use factor pairs and commutativity in mental calculations		Consolidation	
				Addition & Subtraction				NFERS	NFERS				

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Year 5	Place Value - count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 - count forwards and backwards with positive and negative whole numbers, including through zero - read, write, (order and compare) numbers to at least 1 000 000 and determine the value of each digit - read Roman numerals to 1000 (M) and recognise years written in Roman numerals (read, write) order and compare numbers to at least 1 000 000 and determine the value of each digit - interpret negative numbers in context - round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 - solve number problems and practical problems that involve all of the above			Addition & Subtraction - add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) - add and subtract numbers mentally with increasingly large numbers - solve addition and subtraction multistep problems in contexts, deciding which operations and methods to use and why - solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign		Multiplication & Division - identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers - know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers - establish whether a number up to 100 is prime and recall prime numbers up to 19 - recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3) - solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes - solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates		Consolidation	Consolidation	Fractions A - identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths - recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$] - compare and order fractions whose denominators are all multiples of the same number - add and subtract fractions with the same denominator and denominators that are multiples of the same number			Fractions A
								NFERS	NFERS				Consolidation

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Year 6	Place Value - read, write, (order and compare) numbers up to 10,000,000 and determine the value of each digit (read, write), order and compare numbers up to 10,000,000 and determine the value of each digit - round any whole number to a required degree of accuracy - use negative numbers in context, and calculate intervals across zero - solve number and practical problems that involve all of the above		Addition, Subtraction, Multiplication & Division - perform mental calculations, including with mixed operations and large numbers - use their knowledge of the order of operations to carry out calculations involving the four operations - solve addition and subtraction multistep problems in contexts, deciding which operations and methods to use and why - identify common factors, common multiples and prime numbers - use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy - multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication - divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context - divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context - perform mental calculations, including with mixed operations and large numbers - solve problems involving addition, subtraction, multiplication and division - use their knowledge of the order of operations to carry out calculations involving the four operations				Fractions A - use common factors to simplify fractions; use common multiples to express fractions in the same denomination - compare and order fractions, including fractions > 1 - add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions	SATs	Fractions A	Fractions B - multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$] - divide proper fractions by whole numbers [for example $\frac{1}{3} \div 2 = \frac{1}{6}$]		Consolidation	Converting Measures - solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 d.p. where appropriate - use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 d.p. - convert between miles and kilometres - use, read, write and convert between standard units, converting measurements of time from a smaller unit of measure to a larger unit, and vice versa
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