

Medium Term Plan Year 6

Wk	Unit	Strands	Objectives
16	Block C2.c: Averages: mean, median and mode	Handling data	<p>Find the mode and range of a set of data</p> <p>Begin to find the median and mean of a set of data</p> <p>Calculate different types of average for a set of data</p>
	Block C2.d: Construct and interpret conversion graphs	Handling data	<p>Construct and interpret line graphs in which intermediate values have meaning</p> <p>Construct and interpret a conversion graph</p>
17	Block D2.a: Adding and subtracting decimals	Calculating	<p>Mentally add or subtract a pair of decimal numbers, each less than 1 and with up to two decimal places</p> <p>Find what to add to a decimal with units, tenths and hundredths to make the next higher whole number or tenth</p>
	Block D2.b: Adding two or more numbers less than 10000, using standard written methods	Calculating	<p>Consolidate adding two or more integers less than 10 000 using standard written methods</p> <p>Consolidate estimating by approximating an addition of two or more integers, less than 10 000, then checking result</p>

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18	Block D2.c: Square numbers to at least 12×12	Knowing and using number facts Calculating	<p>Know squares of numbers to at least 12×12</p> <p>Calculate squares of larger numbers</p> <p>Derive squares of multiples of 10</p> <p>Begin to find a number that has a given square, i.e. its square root</p> <p>Check with the inverse operation when using a calculator</p> <p>Develop calculator skills and use a calculator effectively</p>
	Block D2.d: Recognise and extend number sequences, including triangular numbers	Using and applying mathematics	<p>Make and investigate a general statement about familiar numbers or shapes by finding examples that satisfy it</p> <p>Recognise and explain patterns and relationships, generalise and predict</p> <p>Recognise and extend number sequences</p> <p>Count on or back in steps of 0.1, 0.2, 0.25, 0.5...</p> <p>Explore patterns created by number sequences</p> <p>Begin to recognise triangular numbers</p>
19	Block E2.a: Multiply ThHTU \times U using standard methods	Calculating	Multiply ThHTU \times U using standard written methods
	Block E2.b: Use a fraction as an operator to find fractions of amounts	Calculating	Use a fraction as an 'operator' to find fractions, including tenths and hundredths, of numbers and quantities

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20	Block E2.c: Order fractions and decimals; convert a fraction to a decimal using division	Counting and understanding number	<p>Order a mixed set of decimal numbers with up to three decimal places</p> <p>Consolidate recognition of equivalence between fractions and decimals</p> <p>Convert a fraction to a decimal using division</p> <p>Key in fractions on a calculator, recognising the equivalent decimal form</p>
	Block E2.d: Know and apply tests of divisibility	Knowing and using number facts	<p>Consolidate knowledge of tests of divisibility by 2, 4, 5, 10 and 100</p> <p>Know and apply tests of divisibility by 3, 6 and 9</p> <p>Know and apply tests of divisibility by 8 and 25</p> <p>Use tests of divisibility to estimate and check results of calculations</p>