



Where Children Come First

MATHS MEDIUM TERM PLAN

YEAR 5	BLOCK	UNIT TITLE
AUTUMN TERM	Place Value	Place value in 5-digit numbers
		Place 5-digit numbers on a line; round
		Place 6-digit numbers on a line; round
		Deepen understanding of 6-digit numbers
	Decimals and Fractions	Divide by 10/100; 2-place decimals
		1- and 2-place decimals on a line; compare
		Add/subtract multiples of 0.1/0.01
		Subtract decimals with 1 or 2 places
	Addition and Subtraction	Column addition (4- and 5-digit numbers)
		Decimal and money addition
		Column subtraction; choose strategies
		Revise addition and subtraction
	Decimals and Fractions	Mixed numbers and fractions of amounts
		Add/subtract equivalent fractions
	Multiplication and Division	Multiples, factors and word problems
		Primes, divisibility, mental strategies
		Grid method and short multiplication
		Division of big numbers vertical layout
	Measures	Understand metric and imperial units
		Timetables and intervals: 24 hour clock
		Perimeters: composite and rectilinear
		Regular and irregular areas; volumes
		Temperature and negative numbers



YEAR 5	BLOCK	UNIT TITLE
SPRING TERM	Decimal and Fractions	Place value in decimals; rounding
		Column addition; 2-place decimals
		Subtract decimal numbers, e.g. money
		\times/\div by 10, 100, 1000; rounding decimals
	Addition and Subtraction	Mental and written addition/subtraction
		Column subtraction and word problems
		Mental addition and subtraction strategies
	Shape	Deepen understanding of 3-D shapes
		Properties of polygons; quadrilaterals
		Draw/reflect shapes on co-ordinate grids
	Decimal and Fractions	Subtraction with decimals, e.g. money
		Unit and non-unit fraction problems
		Multiply fractions; decimal equivalences
	Multiplication and Division	Multiples and factors; mental \times/\div strategies
		Short multiplication: 4-digit nos. and money
		Short division with 3- and 4-digit numbers
	Shape	Recognise, measure and draw angles
Angle theorems; draw angles in polygons		



YEAR 5	BLOCK	UNIT TITLE
SUMMER TERM	Place Value	Negative numbers; count through zero
		Place value in 6-digit numbers
		Identify and write Roman numerals
	Decimals, and Fractions	Place value in 3-place decimals
		Compare and use 3-place decimals
		Subtract decimal numbers by counting up
	Multiplication and Division	Mental multiplication/division problems
		Problems with multiples, factors, scaling
		Grid, short and long multiplication
	Addition and Subtraction	Mental add/subt strategies revision
		Column add, whole/decimal nos & money
		Choose subt method: column/counting up
	Measures and Data	24-hr imetables; calculate time intervals
		Draw line graphs and conversion graphs
		Concept of rate; line graphs
	Fractions and Percentages	Begin to understand percentages
		Add/subt fractions with denominators
		Multiply fractions by whole numbers
	Multiplication and Division	Division problems with short division
		Solve long multiplication problems