



Where Children Come First

MATHS MEDIUM TERM PLAN

YEAR 6	BLOCK	UNIT TITLE
AUTUMN TERM	Place Value, Addition and Subtraction	Place value in 6-digit numbers
		Place 6-digit numbers on lines and round
		Column addition & estimation
		Column subtraction and estimation
		Mental/ written calculation strategies
	Decimals and Fractions	Add or subtract decimals
		Subtract 1-and 2- place decimals
		Understand decimals w/ 3 places
		Add/subtract multiples of 0.01/0/001
	Algebra	Mental and written calculation strategies
		Solve equations w/2 unknowns
		Generate and continue linear sequences
	Multiplication and Division	Multiples, factors and prime numbers
		Solve short multiplication problems
		Use short division to solve problems
		Long multiplication problems
		Formal and mental calculation strategies
	Decimals and Fractions	Decimals, fractions: compare, order
		Equivalent fractions: add and subtract
	Shape	2-D shapes (circles and quadrilaterals)
		Draw, translate, reflect polygons
		Draw 2-D shapes: find missing angles
		Construct 3-D shapes using nets
	Place Value, Addition and Subtraction	Add, subtract & round 6-/7-digit numbers
		Understand/calculate negative numbers
		Strategies in mental and written calculation
		Use brackets and order of operations



Where Children Come First

MATHS MEDIUM TERM PLAN

YEAR 6	BLOCK	UNIT TITLE
SPRING TERM	Decimals and Fractions	Place value in 3-place decimals
		Add numbers with up to 3 decimal places
		Multiply/divide 2-place decimal numbers
	Data	Conversion: metric/imperial units; line graphs
		Time intervals, timetables, 24-hour clock
		Pie-charts; find the mean of a data set
	Multiplication and Division	Scale factor problems concerning area
		Solve rate and scaling problems
	Decimals and Fractions	Percentages and fractions of amounts
		Multiply and divide fractions
		Ratios, proportion and percentages
	Measures	Calculate areas of different shapes
		Calculate volumes of cubes/cuboids
	Multiplication and Division	Long division; different remainder forms
		Use short/long multiplication in problems
		Use short/long division in problems
	Revision	Understand decimals, including negatives
		Add/subtract whole numbers; solve problems
		Mental strategies; written multiplication
		Mental multiplication & division; ratio
		Fractions, decimals and percentages
Understanding and calculating fractions		



Where Children Come First

MATHS MEDIUM TERM PLAN

YEAR 6	BLOCK	UNIT TITLE
SUMMER TERM	Revision	Areas, perimeters and volume
		Shapes, angles, reflections, translations
		Bar charts, pie charts, line graphs, means
	More Revision	Algebra: unknowns and linear sequences
		Problem solving
	Exploration in maths	Explore a million
		Number Games and Puzzles
		History of maths
	Maths around us	Measuring ourselves and around us
		Tessellation & other shape patterns
		Ratios in nature and art
	Puzzles and Games	Calculator patterns
		Number patterns
		Number Puzzles