

PLANNING AT WHIMPLE SCHOOL: MATHS PROGRESSION

Beech Class – Year 4/5

Autumn Term

BLOCK	UNIT TITLE
Place Value (A) (11 days)	Place value in 4- and 5-digit numbers
	Place numbers on a line
	Place value addition; rounding
	Place numbers on lines; decimals
Addition and Subtraction (A) (9 days)	Column addition; mental subtraction
	More add/sub; choose strategies
Multiplication and Division (A) (6 days)	Mental multiplication and division
Time (2 days)	Tell the time; timetables
Fractions (7 days)	Fractions of amounts
	Equivalent fractions; +/- fractions
Place Value (B) (4 days)	Deepen understanding of place value
	Add/ subtract powers of 10
Addition and Subtraction (B) (11 days)	Subtraction strategies
	Add and subtract near multiples
	Mental addition and subtraction
	Consolidate written add/sub strategies
Multiplication and Division (B) (8 days)	Written methods – multiplication
	Written methods – division
Shape (5 days)	Explore 2-D shape
	Deepen understanding of 3-D shapes

Spring Term

BLOCK	UNIT TITLE
Decimals, Multiplication and Division (10 days)	Decimal place value
	x and ÷ by powers of 10
	Mental x and ÷, factors and multiples
Addition and Subtraction (A) (4 days)	Column addition
	Count up to subtract
Measures (A) (4 days)	Exploring 24-hour time
Exploring Decimals (5 days)	Round and subtract decimals
	Fraction and decimal equivalence
Addition and Subtraction (B) (6 days)	More column addition
	Subtraction strategies
Multiplication & Division (13 days)	Mental x and ÷, factors and multiples
	Multiplication strategies
	Grid (Y4) and short (Y5) multiplication
	Chunking (Y4) and short (Y5) division
Measures (B) (5 days)	Perimeter, area and (Y5) volume
Shape (8 days)	Polygons and co-ordinates
	Exploring angles

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Summer Term

BLOCK	UNIT TITLE
Number and Place value (6 days)	Place value next steps: larger numbers
	Count in steps; Roman numerals
	Negative numbers; temperature
Addition & Subtraction (A) (8 days)	Column addition; money calculation
	Subtraction strategies
	More subtraction strategies
Fractions (8 days)	Fraction problems
	Equivalent fractions; calculation
	Count fractions steps; multiply fractions
Multiplication & Division (A) (5 days)	Strategies for mental calculation
	Scaling problems
Decimals and Fractions (5 days)	Decimal place value; multiply fractions
	Equivalent fractions and decimals
Exploring Measures (13 days)	Convert measures; count through zero
	SI and imperial measures
Exploring Decimals (5 days)	Decimal place value
	Hundredths and percentages
Addition & Subtraction (B) (7 days)	Choose calculation strategies
	Consolidate column calculation
	Problem solving
Multiplication & Division (B) (12 days)	Division strategies
	Multiplication strategies
	Solve problems
Time and Data (6 days)	Time, data recording & line graphs
	Time, rate & line graphs