

## Medium Term Plan Year 6

Wk	Unit	Strands	Objectives
26	Block C3.c: Calculate perimeters of rectangles and compound shapes	Measuring	Consolidate the calculation of perimeters of rectangles Calculate the perimeters of compound shapes
	Block C3.d: Relationships between units of time; time-zones around the world	Measuring	Consolidate the relationship between units of time (including decade, millennium, leap year) Know the number of days in each month Appreciate different times around the world
27	Block D3.a: Reflection in up to two mirror lines	Understanding shape	Rehearse the concept of reflection Recognise where a shape will be after reflection in a mirror line touching the shape at a point Recognise where a shape will be after reflection in two mirror lines at right angles Draw the position of shapes on a coordinate grid after reflection in the axes
	Block D3.b: Rotation and translation	Understanding shape	Begin to understand the concept of rotation Recognise where a shape will be after a rotation through 90 degrees about one of its vertices Recognise where a shape will be after two translations Draw the position of shapes on a coordinate grid after rotations and translations

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28	Block D3.c: Divide HTU $\div$ U using standard written methods	Calculating	Rehearse dividing HTU $\div$ U using standard written methods (mixed number answer)  Divide HTU $\div$ TU using standard written methods (whole number answer)  Divide $\pounds.p$ by a 2-digit number to give $\pounds.p$
	Block D3.d: Divide TU.t $\div$ U using standard written methods	Knowing and using number facts Calculating	Check with the inverse operation  Divide TU.t $\div$ U using standard written methods  Divide TU.th $\div$ U using standard written methods
29	Block E3.a: Understand the concept of proportion	Counting and understanding number	Understand the concept of proportion
	Block E3.b: Relate ratio to proportion; solve simple problems involving ratio and proportion	Counting and understanding number	Understand the meaning of ratio and relate this to proportion  Solve simple problems involving ratio and proportion
30	Block E3.c: Recognise prime numbers to at least 20	Using and applying mathematics Knowing and using number facts	Recognise and explain patterns and relationships, generalise and predict  Recognise prime numbers up to at least 20  Understand a prime number as one that has exactly two factors
	Block E3.d: Factorise numbers up to 100 into prime factors	Knowing and using number facts	Factorise numbers up to 100 into prime factors