Maths Long Term Planning – Year 6

Autumn term:

Year 6	Position and Direction	Place Value	Converting Units	Residential	Four operations/Algebra	Assessment week
Small Steps	The 4 quadrants Translations Reflections	Read and write numbers to 10,000,000 Powers of 10 Compare and order integers/negative numbers Round any integer	Converting metric units Imperial units		Add and subtract integers Common multiples/factors/prime numbers Square and cubed numbers Multiply up to a 4 digit number by a 2 digit number Short division Long division Order of operations (BODMAS)	
Ready to Progress		6 NPV – 1 6 NPV – 2 6 NPV – 3 6 NPV - 4			6 AS/MD -1 6 AS/MD -2 6 AS/MD -3 6 AS/MD -4	
Vocabulary	Million, compare, power, rounding, integer, negative, order, prime, factor, square, cubed, multiple, remainder, BODMAS, ratio, equivalent, percentage, simplify, denominator, numerator, mixed number, angle, protractor, polygon, net, area, perimeter, volume.					
Threads	Ratio (DT/Science) Statistics (Science)Time Money and converting units throughout problem solving.					

Spring Term:

Year 6	Fractions	Percentages, Decimals and Fractions (Ratio)	Assessment Week
Small Steps	Equivalent fractions and simplifying Compare and order Add and subtract Add and subtract mixed numbers Multiply fractions Divide a fraction by an integer Fraction of an amount	Decimal and fraction equivalents Fractions as division Understand percentages Equivalent fractions, decimals and percentages Order fractions, decimals and percentages Percentage of an amount Ratio and fractions Using scale factors Ratio problems;	
Ready to Progress	6 F – 1 6 F – 2 6 F - 3		
Vocabulary	Million, compare, power, rounding, integer, negative, order, prime, factor, square, cubed, multiple, remainder, BODMAS, ratio, equivalent, percentage, simplify, denominator, numerator, mixed number, angle, protractor, polygon, net, area, perimeter, volume.		
Threads	Ratio (DT/Science) Statistics (Science)Time Money and converting units throughout problem solving.		

Summer Term:

Year 6	Shape	Area, Perimeter and Volume	SATS	Production	Problem Solving (Investigations)
Small Steps	Measure with a protractor Angles on a straight line Angles around a point Vertically opposite angles Angles in a triangle Angles in quadrilaterals Draw 3D shapes accurately Draw nets of 3D shapes	Area and perimeter Area of a triangle Area of a parallelogram Volume of a cuboid			
Ready to Progress	6 G - 1				
Vocabulary	Million, compare, power, rounding, integer, negative, order, prime, factor, square, cubed, multiple, remainder, BODMAS, ratio, equivalent, percentage, simplify, denominator, numerator, mixed number, angle, protractor, polygon, net, area, perimeter, volume.				
Threads	Ratio (DT/Science) Statistics (Science)Time Money and converting units throughout problem solving.				