

Year 6 Yearly Overview and Medium Term Planning

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	
Autumn	Number: Place Value			Number: Addition and Subtraction			Half Term	Number: multiplication & division		Number: Fractions					
	Read, write, order and compare numbers to 10, 000, 000 & value of digits	Round any whole number to a required degree of accuracy	Use negative numbers in context, calculate intervals across zero Number problems	Mental calculations with mixed operations and large numbers Use knowledge of order of operations (BODMAS)	Solve + and – multi-step problems deciding which operation	Use estimation to check answers to calculations		Identify factors, multiples and prime numbers Multiply up to 4 digit by 2 digit using formal written method	Formal written (4 digit by 2) method of long division & interpret remainder Solve problems +, -, x & divide	Fractions of amounts Use common factors to simplify fractions: common multiples to express same denominator	Add, subtract, multiply, divide fractions	Convert fractions to decimals Calculate decimal fraction equivalents for a simple fraction eg $0.375 = \frac{3}{8}$	Decimals of amounts	Add, subtract, multiply, divide decimals Multiply 1 digit numbers with 2DP by whole numbers	
Spring	Number: decimals		Number: percentages	Measurement				Number: Algebra		Number: Ratio		Geometry: statistics/ position and direction			
	Identify value of each digit in numbers up to 3DP and x, divide by 10, 100 and 1000 giving answers to 3DP	Solve problems involving rounding to specified accuracy	Recall and use equivalence between fractions, decimals and % in different contexts	Calculate and convert units up to 3 DP Use, read, write convert between standard units Convert miles to km	Area and perimeter Formulae for area and perimeter	Areas of parallel-grams and triangles Cubes and cuboids – calculate & estimate volume		Use simple formulae Generate and describe linear number sequences Express missing numbers	Find prs of numbers that satisfy number sentences Work out combinati-on of two variables	Solve problems involving relative sizes of 2 quantities And missing values found using x & divide facts	Solve problems: Calculate % Scale factor Unequal sharing and grouping	Interpret and construct pie charts & line graphs –solve problems Interpret mean as an average	Describe positions on the full coordinate grid Draw & translate shapes and reflect		
Summer	Geometry: Shape		SATS prep	Post SATS Project Work				Post SATS Project Work							
	Draw 2D shapes Recognise 3D & build nets Compare & classify shapes & find unknown angles	Draw & name parts of the circle inc R, D, C Angles on lines and missing angles													

NB. Each term will include one week for assessment – dates to be directed by Deputy head.

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	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Autumn 2016	Number: Place Value			Number: Addition and Subtraction			Half Term	Number: multiplication & division		Number: Fractions				
	Read, write, order and compare numbers to 10, 000, 000 & value of digits	Round any whole number to a required degree of accuracy	Use negative numbers in context, calculate intervals across zero Number problems	Mental calculations with mixed operations and large numbers Use knowledge of order of operations (BODMAS)	Solve + and – multi-step problems deciding which operation	Use estimation to check answers to calculations		Identify factors, multiples and prime numbers Multiply up to 4 digit by 2 digit using formal written method	Formal written (4 digit by 2) method of long division & interpret remainder Solve problems +, -, x & divide	Fractions of amounts Use common factors to simplify fractions: common multiples to express same denominator	Add, subtract, multiply, divide fractions	Convert fractions to decimals Calculate decimal fraction equivalents for a simple fraction eg $0.375 = \frac{3}{8}$	Decimals of amounts	Add, subtract, multiply, divide decimals Multiply 1 digit numbers with 2DP by whole numbers
Number: decimals and percentages		Measurement		Geometry: Shape		Geometry: stats/ position & direction		Number: Ratio	Number: Algebra					
Identify value of each digit in numbers up to 3DP and x, divide by 10, 100 and 1000 giving answers to 3DP Rounding	Recall and use equivalence between fractions, decimals and % in different contexts	Calculate and convert units up to 3 DP Use, read, write convert between standard units Convert miles to km	Area and perimeter Formulae for area and perimeter Cubes and cuboids – calculate & estimate volume	Draw 2D shapes Recognise 3D & build nets Compare & classify shapes unknown angles	Draw & name parts of the circle inc R, D, C Angles on lines and missing angles	Interpret and construct pie charts & line graphs –solve problems Interpret mean as an average		Describe positions on the full coordinate grid Draw & translate shapes and reflect	Solve problems involving relative sizes of 2 quantities And missing values found using x & divide facts	Use simple formulae Generate and describe linear number sequences	SATS REVISION			
SATS REVISION			Post SATS Project Work			Post SATS Project Work								
Spring 2017														
Summer 2017														

NB. Each term will include one week for assessment – dates to be directed by Deputy head.