2020 – 2021 Mathematics Overview → Year 6

w/c 31/8/2020	Return - 1/9/2020	w/c 2/11/2020	Visualising and constructing	w/c 4/1/2021	Calculating fractions, decimals and percentages 1 of 2	w/c 22/2/2021	<u>Movement</u>	w/c 19/4/2021	<u>Equations</u>	w/c 7/6/2021	Consolidation
w/c 7/9/2020	Numbers and the number system	w/c 9/11/2020	Mental Arithmetic Assessment	w/c 11/1/2021	Mental Arithmetic Assessment	w/c 1/3/2021	Mental Arithmetic Assessment	w/c 26/4/2021		w/c 14/6/2021	Consolidation
w/c 14/9/2020	Checking etc	w/c 16/11/2020	Angles + Inv. properties of	w/c 18/1/2021	<u>Pres. data</u>	w/c 8/3/2021	<u>Patterns</u>	w/c 3/5/2021	Proportional reasoning	w/c 21/6/2021	Consolidation
w/c 21/9/2020	Baseline Assessments SATs 2016	w/c 23/11/2020	<u>shapes</u>	w/c 25/1/2021	+ <u>Meas. data</u>	w/c 15/3/2021	Whole School Assessment SATs 2019 (Wed onwards)	w/c 10/5/2021	SATs Week	w/c 28/6/2021	
w/c 28/9/2020	<u>Calculating</u>	w/c 30/11/2020	Whole School Assessment SATs 2017 (Wed onwards)	w/c 1/2/2021	Assessment SATs 2018	w/c 22/3/2021	Formulae Calculating fractions,	w/c 17/5/2021	Consolidation	w/c 5/7/2021	Secondary Transition
w/c 5/10/2020	<u>Calculating: division</u>	w/c 7/12/2020	Exploring fractions,	w/c 8/2/2021	<u>Meas. space</u>	w/c 29/3/2021	decimals and percentages 2 of 2	w/c 24/5/2021	Consolidation	w/c 12/7/2021	
w/c 12/10/2020	Mental Arithmetic Assessment	w/c 14/12/2020	<u>decimals and</u> <u>percentages</u>							w/c 19/7/2021	22/7/2020 onwards - holiday
w/c 19/10/2020	<u>Calculating space</u>										

2020 – 2021 Mathematics Overview → Year 6

11.9	Lessons			Kara (D. S. J. a. A. a. H. a. a. a. C. a. J. (D. A. A.). La d'a adam	Essential knowledge		
Unit	Autumn Spring Summer			Key 'Build a Mathematician' (BAM) Indicators			
Numbers and the number system Checking, approximating and estimating Calculating Calculating: division Visualising and constructing Investigating properties of shapes Algebraic proficiency: using formulae Exploring fractions, decimals and percentages Proportional reasoning Pattern sniffing Measuring space Investigating angles Calculating fractions, decimals and percentages Solving equations and inequalities Calculating space	8 4 6 7 7 8 10 5 8	Spring 3 5 5 12+7		 Multiply and divide numbers with up to three decimal places by 10, 100, and 1000 Use long division to divide numbers up to four digits by a two-digit number Use simple formulae expressed in words Generate and describe linear number sequences Use simple ratio to compare quantities Write a fraction in its lowest terms by cancelling common factors Add and subtract fractions and mixed numbers with different denominators Multiply pairs of fractions in simple cases Find percentages of quantities Solve missing angle problems involving triangles, quadrilaterals, angles at a point and angles on a straight line Calculate the volume of cubes and cuboids Use coordinates in all four quadrants Calculate and interpret the mean as an average of a set of discrete data 	 Know percentage and decimal equivalents for fractions with a denominator of 2, 3, 4, 5, 8 and 10 Know the rough equivalence between miles and kilometres Know that vertically opposite angles are equal Know that the area of a triangle = base × height ÷ 2 Know that the area of a parallelogram = base × height Know that volume is measured in cubes Know the names of parts of a circle Know that the diameter of a circle is twice the radius Know the conventions for a 2D coordinate grid Know that mean = sum of data ÷ number of pieces of data 		
Mathematical movement		10					
Presentation of data		5					
Measuring data		3					
Secondary transition			18				
Total:				Stage 6 BAM Progress Tracker Sheet			