## 2020 – 2021 Mathematics Overview → Year 4

w/c 31/8/2020	Return - 1/9/2020	w/c 2/11/2020	Calculating: addition and	w/c 4/1/2021	<u>Calculating:</u> multiplication and	w/c 22/2/2021	Investigating angles 1 of 2	w/c 19/4/2021		w/c 7/6/2021	Counting and comparing 2 of 2
w/c 7/9/2020		w/c 9/11/2020	subtraction	w/c 11/1/2021	division	w/c 1/3/2021	<u>Calculating fractions,</u>	w/c 26/4/2021	Mental Arithmetic Assessment	w/c 14/6/2021	Measuring space
w/c 14/9/2020	Numbers and the number system	w/c 16/11/2020	Counting and comparing	w/c 18/1/2021	Calculating fractions, decimals and percentages 1 of 2	w/c 8/3/2021	decimals and percentages	w/c 3/5/2021	- Mathematical	w/c 21/6/2021	incusuring space
w/c 21/9/2020		w/c 23/11/2020	2 of 2	w/c 25/1/2021		w/c 15/3/2021	Whole School Assessment Week (Wed onwards)	w/c 10/5/2021	movement	w/c 28/6/2021	Mental Arithmetic Assessment Checking, approximating and estimating
w/c 28/9/2020	Calculating: addition and	w/c 30/11/2020	Whole School Assessment Week (Wed onwards)	w/c 1/2/2021	Exploring fractions, decimals and percentages	w/c 22/3/2021	Calculating space	w/c 17/5/2021		w/c 5/7/2021	Whole School Assessment Week (Wed onwards)
w/c 5/10/2020	<u>subtraction</u>	w/c 7/12/2020	Investigating properties of	w/c 8/2/2021		w/c 29/3/2021	<u>calculating space</u>	w/c 24/5/2021	Mental Arithmetic Assessment	w/c 12/7/2021	Checking, approximating and estimating
w/c 12/10/2020	Exploring time and	w/c 14/12/2020	<u>shapes</u>							w/c 19/7/2021	22/7/2020 onwards - holiday
w/c 19/10/2020	<u>money</u>										

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112	Lessons			Key 'Build a Mathematician' (BAM)	For an Earl Innoved a disc						
Unit	Autumn	Spring	Summer	Indicators	Essential knowledge						
Numbers and the number system	10			Round any number to the nearest 10, 100, 1000 and	Know the place value headings of ones, tens, hundreds and thousands						
Counting and comparing	10		5	round a number with one decimal place to the nearest whole number	Know the Roman numerals I, V, X, L, C						
Investigating properties of shapes	10			Count backwards through zero	<ul> <li>Know multiplication facts up to 12 × 12</li> <li>Know division facts related to tables up to 12 × 12</li> </ul>						
Calculating: addition and subtraction	10 + 10			Use columnar addition and subtraction with numbers up to four digits	<ul> <li>Know devision facts related to tables up to 12 × 12</li> <li>Know decimals equivalents of ½, ¼, ¾</li> </ul>						
Calculating: multiplication and division		10		Multiply two- and three-digit numbers by a one-digit number	Know adjacent time facts involving years, months, weeks, days, hours, minutes and seconds						
Exploring time and money	10			Use known and derived facts to multiply and divide	Know 12- and 24-hour clock conversions						
Exploring fractions, decimals and percentages		10		mentally	Know the names and connected properties of triangles and quadrilaterals						
Measuring space			10	Write any number of tenths or hundredths as a	Know the definitions of acute and obtuse angles						
Investigating angles		5	10	decimal     Find families of common equivalent fractions	Know that area is measured in squares						
Calculating fractions, decimals and percentages		5 + 10		Add and subtract fractions with the same denominator	Know that perimeter is a measure of length						
Calculating space		10		Find areas of rectilinear shapes by counting squares							
Checking, approximating and estimating			10	Use a line of symmetry to complete a symmetric shape or pattern							
Mathematical movement			10	Identify lines of symmetry in 2D shapes							
Presentation of data			10	Use coordinates in the first quadrant							
Preventing the gap / Going deeper				Interpret and construct bar charts and time graphs							
Total:											
				Stage 4 BAM Progress Tracker Sheet							