

2020 – 2021 Mathematics Overview → Year 3

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Unit	Lessons			Key 'Build a Mathematician' (BAM)	Essential knowledge
	Autumn	Spring	Summer	Indicators	Essennar knowledge
Numbers and the number system	10+			Read and write numbers up to 1000 in numerals and in words	Know the place value headings of tenths, ones, tens and hundreds
Counting and comparing	10			<u>Compare and order whole numbers up to 1000</u>	 Know multiplication facts for the 3, 4 and 8 multiplication tables Know division facts related to the 3, 4 and 8 multiplication tables
Visualising and constructing		10		<u>Count from zero in multiples of 4, 8, 50 and 100</u>	Know that a right angle is ¼ of a turn
Calculating: addition and subtraction	10	10		 Add and subtract numbers mentally including a three-digit number and ones, tens and hundreds 	Know the number of days in each month
Calculating: multiplication and division	5 + 5	10		Use columnar addition and subtraction with numbers up to three digits	 Know the number days in a year and a leap year Know that 60 seconds = 1 minute
Exploring time	10			<u>Use known facts to multiply and divide mentally within the</u>	Know the Roman numerals from I to XII
Exploring fractions		5	10	 2, 3, 4, 8 and 10 multiplication tables Multiply a two-digit number by a one-digit number 	 Know the vocabulary of time including o'clock, a.m., p.m., morning afternoon, noon and midnight
Measuring space	10		10	Understand fractions as proportions	Know the meaning of 'perimeter'
Mathematical movement			10	Understand fractions as numbers	
Investigating angles			7	<u>Count forward and backwards in tenths</u> <u>Tell the time using analogue and digital 12-hour clocks</u>	
Calculating fractions and decimals			10	Measure length (mm, cm, m), mass (g, kg) and capacity (m1))	
Exploring money		10		Measure perimeters of shapes	
Presentation of data		10	10		
Preventing the gap / Going deeper				Stage 3 BAM Progress Tracker Sheet	
Total:					