



Year 4 Mathematics Overview 2017-18

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2*
Big Ideas	Place Value +/- Multiplication/Division Fractions/Time/Data Decimals/Money Measures/Area Shape and Coordinates					
Number	Numbers to 10,000 Place value in 4-digit numbers 100 or 1000 more/less Order and compare beyond 1000 Count in multiples of 6, 7, 9, 25 and 1000 Rounding and estimation	Reading and creating scales	Properties of fractions Negative numbers	Place value in decimals Round and estimate amounts of money	Read scales	Recognise and write Roman numerals to 100
Calculation	Add/Subtract Mental strategies Formal written methods Renaming and regrouping Inverse	Multiplication/Division x/÷ by 6, 7, 9, 11 and 12 Dividing with remainders Formal written methods Renaming and regrouping	+/- fractions with the same denominator Sum and difference problems interpreting data	Dividing one and two-digit numbers by 10 and 100 +/-/x amounts of money	Convert measures Calculate perimeter and area	
	Reasoning and Problem Solving (using bar models)					
Fractions (incl. Decimals)			Fractions Count up and down in hundredths Simplifying mixed and improper fractions Fractions of amounts Common equivalent fractions	Decimals Record in tenths and hundredths Comparing, ordering and rounding decimals Fractions as decimals		
Shape and Measures	Mental rehearsal of Y3 time objectives.		Time Read, write and convert between analogue and digital (12 and 24-hour clocks) Convert between units of time (incl. years, months, weeks, days)	Money Write and compare amounts of money	Area/Mass/Volume/Length Measure mass volume, height and length (incl. perimeter) Find an area of figures	Coordinates and shape Compare and classify shapes Compare and order angles Symmetry in different orientations Using coordinates Translation
Statistics			Graphs Discrete and continuous Interpret and present using appropriate graphical methods			

* Consolidation and application opportunities to be decided upon in response to assessed needs.

Year 4 Maths No Problem Book 4A Curriculum Map

	Chapter 1 Numbers to 10,000	Chapter 2 Addition and Subtraction within 10,000	Chapter 3 Multiplication and Division	Chapter 4 Further Multiplication and Division	Chapter 5 Graphs	Chapter 6 Fractions	Chapter 7 Time
Lesson 1			For these lessons, the minimal step progressions will be spread a cross 1 week, rather than 12 individual lessons		combine	Teach as Chapter 5 – after Further Multiplication and Division	Teach as Chapter 6 – after Fractions
Lesson 2							
Lesson 3					Teach as Chapter 7 – after Time		
Lesson 4							
Lesson 5				2 days column & num bond			
Lesson 6							
Lesson 7							
Lesson 8				ind. lessons column & num bond			
Lesson 9							
Lesson 10							
Lesson 11							
Lesson 12							
Lesson 13		combine					
Lesson 14							
Lesson 15							
Lesson 16		2 days					
Lesson 17							
Lesson 18							
Lesson 19							
Lesson 20							
Lesson 21							
Lesson 22							
Lesson 23							
Lesson 24							



 Essential/Core Lesson
 Extension/Further Learning

Credit goes to the following people who contributed to the creation of this curriculum map:

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Year 4 Maths No Problem Book 4B Curriculum Map

	Chapter 8 Decimals	Chapter 9 Money	Chapter 10 Mass, Volume, Length	Chapter 11 Area of Figures	Chapter 12 Geometry	Chapter 13 Position and Movemen t	Chapter 14 Roman Numerals
Lesson 1							
Lesson 2							
Lesson 3							
Lesson 4							
Lesson 5							
Lesson 6							
Lesson 7							
Lesson 8							
Lesson 9							
Lesson 10							
Lesson 11							
Lesson 12							
Lesson 13							
Lesson 14							
Lesson 15							
Lesson 16							
Lesson 17							
Lesson 18							
Lesson 19							
Lesson 20							
Lesson 21							
Lesson 22							
Lesson 23							
Lesson 24							

 Essential/Core Lesson
 Extension/Further Learning

To be adapted by year groups.