

Maths Curriculum Map 2023/24: Year 5

Key

Term	Big Idea	Milestone Knowledge	Number- Number & Place Value
Autumn 1 (7 Weeks)	1: Number & Place Value (3 weeks)	<ul style="list-style-type: none"> Read, write, order, compare and round numbers up to 1 million, applying to problem solving contexts 	
	2: Number-Addition & Subtraction (2 weeks)	<ul style="list-style-type: none"> Use the formal written method for column addition and subtraction for numbers with more than 4 digits, as well as calculating mentally Solve multi-step problems, using rounding to check their answers 	Number- Addition & Subtraction
	3: Number & Place Value (1 week)	<ul style="list-style-type: none"> Use and interpret negative numbers 	Number- Multiplication & Division
	4: Statistics (1 week)	<ul style="list-style-type: none"> Use information presented to solve problems drawing upon calculation knowledge 	Number- Fractions (inc. decimals & percentages)
Autumn 2 (8 Weeks) *Assessments (1 week)	1: Number-Multiplication & Division (1 week)	<ul style="list-style-type: none"> Solve problems including those involving factors and multiples, squares and cubes. 	Measurement
	2: Number-Multiplication & Division (2 weeks)	<ul style="list-style-type: none"> Use formal written methods to multiply and divide up to four-digit by two-digit numbers 	
	3: Measurement (1 week)	<ul style="list-style-type: none"> Calculate and compare the areas of rectangles, and estimate area of irregular shapes 	Geometry
	4: Statistics (1 week)	<ul style="list-style-type: none"> Interpret and solve problems using line graphs and an increasing range of representations 	Statistics
	5: Geometry (1 week)	<ul style="list-style-type: none"> Measure and draw angles 	
	5: Geometry (1 week)	<ul style="list-style-type: none"> Use angle sum facts and other properties to solve missing number problems 	Golden Thread

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Term	Big Idea	Milestone Knowledge
Spring 1 (6 Weeks)	1: Number-Fractions (inc. decimals & Percentages) (3 weeks)	<ul style="list-style-type: none"> Compare and order fractions with denominators which are multiples of the same number Add and subtract fractions with denominators which are multiples of the same number Read and write decimal numbers as fractions, applying this to solve problems which require knowing percentage and decimal equivalents
	4: Number-Multiplication & Division (1 week)	<ul style="list-style-type: none"> Multiply and divide by 10, 100, and 1000, including decimals
	5: Measurement (2 weeks)	<ul style="list-style-type: none"> Understand, use and convert between a range of different use of measurements, including metric and imperial
Spring 2 (8 Weeks) * 1 Assessment Week	1: Number-Fractions (inc. decimals & Percentages) (2 week)	<ul style="list-style-type: none"> Recognise and convert mixed number and improper fractions Multiply proper fractions and mixed numbers by whole numbers
	3: Number-Addition & Subtraction (2 weeks)	<ul style="list-style-type: none"> Use the formal written method for column addition and subtraction for numbers with more than 4 digits, as well as calculating mentally Solve multi-step problems, using rounding to check their answers
	4: Number-Multiplication & Division (1 week)	<ul style="list-style-type: none"> Use formal written methods to multiply and divide up to four-digit by two-digit numbers
	5: Statistics (1 week)	<ul style="list-style-type: none"> Interpret and solve problems using line graphs and an increasing range of representations (e.g. timetables)
	RSHE Golden Thread (1 week)	<p>Understands the importance of budgeting, as well as saving.</p> <p>Understands the meaning of financial vocabulary such as: income, outcome, profit, loss, spend, save, budget</p>

Number-Number & Place Value
Number-Addition & Subtraction
Number-Multiplication & Division
Number-Fractions (inc. decimals & percentages)
Measurement
Geometry
Statistics
Golden Thread

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Term	Big Idea	Milestone Knowledge	Number- Number & Place Value
Summer 1 (6 Weeks)	1: Number & Place Value (1 week)	<ul style="list-style-type: none"> Read, write, order, compare and round numbers up to 1 million (including decimal numbers) applying to problem solving contexts 	
	2: Number-Fractions (inc. decimals & percentages) (2 weeks)	<ul style="list-style-type: none"> Read and write decimal numbers as fractions, applying this to solve problems which require knowing percentage and decimal equivalents Solve problems which require knowing percentage and decimal equivalents 	Number- Addition & Subtraction
	3: Number-Addition & Subtraction (1 week)	<ul style="list-style-type: none"> Use the formal written method for column addition and subtraction for numbers with more than 4 digits, as well as calculating mentally 	Number- Multiplication & Division
	4: Statistics (1 week)	<ul style="list-style-type: none"> Interpret and solve problems using line graphs and an increasing range of representations 	Number- Fractions (inc. decimals & percentages)
Summer 2 (7 Weeks) <ul style="list-style-type: none"> Assessments (1 week) 	1: Number-Multiplication & Division (1 week)	<ul style="list-style-type: none"> Solve problems including those involving factors and multiples, squares and cubes. 	Measurement
	2: Measurement (1 week)	<ul style="list-style-type: none"> Estimate Volume and Capacity 	Geometry
	3: Measurement (1 week)	<ul style="list-style-type: none"> Calculate and compare the areas of rectangles, and estimate area of irregular shapes 	Statistics
	4: Geometry (1 week)	<ul style="list-style-type: none"> Use angle sum facts and other properties to solve missing number problems 	
	4: Number-Addition & Subtraction (2 weeks)	<ul style="list-style-type: none"> Use the formal written method for column addition and subtraction for numbers with more than 4 digits, as well as calculating mentally Solve multi-step problems, using rounding to check their answers 	Golden Thread