

Y5 Overview and Curriculum links



**Family Maths
Toolkit**

Term	Topic	Activities	Main Curriculum link	Also covers
Autumn	Numbers (place value)	Roman numerals timeline	Recognising years in Roman numerals.	Timeline.
		Healthy counting	Read, write, order and compare numbers up to 1,000,000.	Problem solving.
		Countdown style gameline	Read, order and compare numbers to at least 1,000,000 and determine the value of each digit.	
		An interesting year	Roman numerals.	
		Holiday in Iceland	Interpret negative numbers in context, count forwards and backwards with positive and negative numbers including through zero.	
	Numbers (calculations)	Pyramid puzzle	Add numbers mentally with increasingly large numbers.	Thinking and reasoning.
		Space Pirates!	Solve a range of problems using division.	Working systematically.
		Lucky number 8	Solve number problems.	
		Cough mixture	Solve problems involving addition and multiplication.	
	Statistics	Boys' heights	Solve comparison and difference problems using line graph.	

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Spring	Number (calculations)	Tennis racquet	Solve problems in context deciding which operations to use, calculate using decimal places in the context of money, calculate simple percentages of money.	Knowledge of the calendar.
		Giraffes	Use addition and subtraction to solve problems involving numbers up to 3 decimal places.	Measure - length.
		Pizza dilemma	Solve practical problems involving fractions.	
	Numbers (FDPRP)	Super swimmers	Solve problems involving percentages and fractions.	
		Design a superhero	Solve problems involving measurements and simple scaling using fractions and percentages.	
		Monkey's peaches	Solve problems using fractions of whole numbers.	
	Measurement	Painting a room	Using fractions to solve problems which involve calculating and comparing the area of rectangles (including squares) using standard units of squared metres.	Multiplication up to 2 decimal places.
		Children's petting zoo	Calculate the area of rectangles using square centimetres/ metres.	
	Geometry	Design a family logo*	Identify, describe and represent the position of a shape following a reflection or translation (move along or up or down but not change size or shape).	Know the points of the compass.
	Statistics	Theme park rides	Complete, read and interpret information in tables, including timetables.	

*Needs to be printed in colour

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Summer	Numbers (place value)	Cheese straws Part 1	Solve problems involving decimals to two decimal places and measurements in context.	
	Numbers (calculations)	Cross sum puzzle	Using all 4 calculations.	Problem solving.
		Prime numbers - true	Know and use the vocabulary of prime numbers.	
	Measurement	Dairy cows' milk	Convert between different units of metric measure (for example: l and ml).	Problem solving.
		The school day	Solve problems involving converting between units of time.	
		School trip to the zoo	Solve problems using units of time.	Problem solving.
	Geometry	Golf balls	Diameter and perimeter.	
		Paddy's walk to the park	Convert between different units of metric measure and solve problems.	
	Reasoning	Cheese straws Part 2	Identify 3D shapes, including cubes and other cuboids, from 2D representations.	
		Logical car park	Logic and reasoning.	

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