



Mathematics Progression of Skills



	Year 2	Year 3	Year 4	Year 5	Year 6
Addition	Add 1s to any number (related facts)	Add 1s, 10s and 100s to a 3- digit number	Add 1s, 10s and 100s to a 4- digit number	Add using mental strategies	Add integers up to 10 million
	Add three 1-digit numbers	Add two numbers (no exchange)	Add up to two 4-digit numbers	Add whole numbers with more than 4 digits	Add decimals with up to 3 decimal places
	Add across a 10	Add two numbers across a 10 or 100	Add decimal numbers in the context of money	Add decimals with up to 2 decimal places	Order of operations
	Add multiples of 10	Complements to 100	Add fractions and mixed numbers with the same denominator beyond 1 whole	Complements to 1	Negative numbers
	Add 10s to any number	Add fractions with the same denominator within 1 whole		Add fractions with denominators that are a multiple of one another	Add fractions
	Add two 2-digit numbers (not across a ten)				
	Add two 2-digit numbers (across a ten)	Calculate the duration of events			
	Missing numbers				

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Subtraction	Subtract 1s from any number (related facts)	Subtract 1s, 10s and 100s from a 3-digit number	Subtract 1s, 10s, 100s and 1,000s from a 4-digit number	Subtract whole numbers with more than 4 digits	Subtract integers up to 10 million
	Subtract across a 10	Subtract two numbers (no exchange)	Subtract up to two 4-digit numbers	Subtract using mental strategies	Subtract decimals with up to 3 decimal places
	Subtract multiples of 10	Subtract two numbers across a 10 or 100	Subtract decimal numbers in the context of money	Subtract decimals with up to 2 decimal places	Order of operations
	Subtract 10s from any number	Complements to 100	Subtract fractions and mixed numbers with the same denominator	Complements to 1	Negative numbers
	Subtract two 2-digit numbers (not across a ten)	Subtract fractions with the same denominator within 1 whole		Subtract fractions with denominators that are a multiple of one another	Subtract fractions
	Subtract two 2-digit numbers (across a ten)				
	Missing numbers				

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Multiplication	Link repeated addition and multiplication	The 3 times-table	Times-table facts to 12×12	Multiples and factors	Multiply numbers up to 4 digits by a 2-digit number
	Use arrays	The 4 times-table	Multiply by 1 and 0	Square and cube numbers	Multiply by 10, 100 and 1,000
	Double	The 8 times-table Related facts	Multiply 3 numbers	Multiply numbers up to 4 digits by a 1-digit number	Order of operations
	The 2 times-table	Multiply a 2-digit number by a 1-digit number - no exchange	Factor pairs	Multiply numbers up to 4 digits by a 2-digit number	Multiply decimals by integers
	The 10 times-table	Multiply a 2-digit number by a 1-digit number - with exchange	Multiply by 10 and 100	Multiply by 10, 100 and 1,000	Multiply fractions by fractions
	The 5 times-table	Scaling	Related facts	Mental strategies	Find the whole
	Missing numbers	Correspondence problems	Mental strategies	Multiply fractions by a whole number	Calculations involving ratio
			Multiply a 2 or 3-digit number by a 1-digit number	Multiply mixed numbers by a whole number	
			Scaling		
			Correspondence problems	Find the whole	

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Division	Divide by 2	Divide by 3	Division facts to 12 x 12	Mental strategies	Short division
	Divide by 10	Divide by 4	Divide a number by 1 and itself	Divide numbers up to 4 digits by a 1-digit number	Mental strategies
	Divide by 5	Divide by 8	Related facts	Divide by 10, 100 and 1,000	Long division
	Missing numbers	Related facts	Divide a 2 or 3-digit number by a 1-digit number	Fraction of an amount	Order of operations
	Unit fractions	Divide a 2-digit number by a 1-digit number - no exchange	Divide by 10 and 1		Divide by 10, 100 and 1,000
	Non-unit fractions	Divide a 2-digit number by a 1-digit number - with remainders			Divide decimals by integers
		Unit fractions of a set of objects			Decimal and fraction equivalents
		Non-unit fractions of a set of objects			Divide a fraction by an integer
					Fraction of an amount
					Calculate percentages
					Calculations involving ratio