

Primary Maths

Fluency Boost progression

September 2026

Guidance for teachers

Fluency Boost is a daily arithmetic programme designed to support arithmetic fluency from years 1 to 6. Children are given opportunities to revisit and practise mental arithmetic strategies and formal written methods that have been taught in previous year groups and blocks.

Each block provides daily practice for four key arithmetic skills. This gives children the opportunity to revisit the same skills each day before moving on. Fluency Boost is fully editable so if your children need to spend more or less time on a particular skill, it is very easy to adapt the questions accordingly.

The guidance in this document includes an overview of the arithmetic skills covered in each year group followed by a mapping document to show where key skills are revisited over the year to support retention.

Mathematical talk and oracy

Fluency Boost embeds daily oracy into the curriculum. The examples below illustrate how children can compare different methods, justify their approaches, and identify when mental strategies are more efficient than formal written methods.

If this is not a known fact, children could calculate 10×12 plus 2×12 or double 6×12

Compare strategies such as 7×30 plus 7×9 and $7 \times 40 - 7$
Which is more efficient?

The digging deeper questions are designed to help keep the whole class working together. These are often open-ended and encourage your fast finishers to think more deeply, make connections or notice patterns whilst giving others more time to work on the four objectives.

Year 5 | Week 8 | Day 5

Fluency *Boost!*

$12 \times 12 = \square$	$\square = 79,909 + 100$
$7 \times 39 = \square$	$\frac{17}{20} + \frac{3}{20} = \square$
 $\frac{\square}{10} + \frac{7}{10} + \frac{\square}{10} = 2$	

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Adding across a ten thousand can be tricky. Exploring a pattern can provide additional practice. E.g. $79,908 + 100$, $79,907 + 100$...

Ask children to explain how they know these fractions sum to one whole. Can they suggest other pairs of fractions that sum to one whole before tackling the digging deeper question?

Year 1 Overview

		Question 1	Question 2	Question 3	Question 4
Autumn	B1	Subitise		Subitise on a 10 frame	
	B2	Subitise		1 more, 1 less	
	B3	Missing parts and wholes		Add and subtract within 10	
Spring	B1	Missing parts and wholes		Add and subtract within 10	
	B2	Bonds to 10	1 more, 1 less	Add and subtract within 10	Count forwards and backwards
	B3	Add and subtract within 10	Related facts within 20	Missing numbers within 10	Add and subtract 0
	B4	Add to 10	Subtract from 10	Add and subtract within 20	Missing numbers within 10
	B5	Bonds to 10	Bonds to 20	1 more, 1 less	Related facts within 20
Summer	B1	Bonds to 20	Subtract from 20	Count forwards and backwards	Double
	B2	Count in 2s	Add equal groups (2s)	Double	Near doubles
	B3	Count in 5s	Add equal groups (5s)	Missing numbers within 10	Add and subtract within 20
	B4	Count in 10s	Add equal groups (10s)	Missing numbers within 20	Add and subtract within 20
	B5	Count in 2s, 5s and 10s	1 more, 1 less	Double	Halve
	B6	Count forwards and backwards	Missing numbers within 20	Halve	Add and subtract within 20

Place value

Year 1	- Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. - Identify one more and one less.													
Progression of skills	Autumn			Spring					Summer					
	B1	B2	B3	B1	B2	B3	B4	B5	B1	B2	B3	B4	B5	B6
Count forwards and backwards in 1s					X				X					X
1 more, 1 less		X			X			X					X	

Addition and subtraction

Year 1	- Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs. - Represent and use number bonds and related subtraction facts within 20 - Add and subtract 1-digit and 2-digit numbers to 20, including zero. - Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square + 2$													
Progression of skills	Autumn			Spring					Summer					
	B1	B2	B3	B1	B2	B3	B4	B5	B1	B2	B3	B4	B5	B6
Add and subtract within 10			X	X	X	X		X						
Related facts within 20 (e.g. $5 + 2$, $15 + 2$)						X		X						
Add and subtract within 20							X	X	X		X	X		X
Missing numbers within 10						X	X				X			
Missing numbers within 20												X		X

Multiplication and division

Year 1	- Count in multiples of 2, 5s and 10s. - Solve one-step problems involving multiplication and division, using concrete objects, pictorial representations and arrays with the support of the teacher. - Recognise, find and name a half as one of two equal parts of a quantity.													
Progression of skills	Autumn			Spring					Summer					
	B1	B2	B3	B1	B2	B3	B4	B5	B1	B2	B3	B4	B5	B6
Count in 2s										X			X	
Count in 5s											X		X	
Count in 10s												X	X	
Add equal groups										X	X	X		
Double									X	X			X	
Halve													X	X

Year 2 Overview

		Question 1	Question 2	Question 3	Question 4
Autumn	B1	Use bonds to 10	Add within 10	1 more, 1 less	Subtract within 10
	B2	Related facts	Count on and back in 10s	Add and subtract 1s	Missing numbers
	B3	Add to the next 10	Add across a 10	Subtract from a 10	Subtract across a 10
Spring	B1	Count in 2s, 5s and 10s	Add and subtract 10s	Add 2-digit numbers (not across a 10)	Subtract 2-digit numbers (not across a 10)
	B2	Count in 3s	Double and halve	Add 2-digit numbers (across a 10)	Subtract 2-digit numbers (across a 10)
	B3	Add 2-digit numbers	10 times-table	Subtract 2-digit numbers	Divide by 10
	B4	Add and subtract 2-digit numbers	2 times-table	Add three 1-digit numbers	Divide by 2
Summer	B1	Add and subtract 10s	5 times-table	Count in 5s	Divide by 5
	B2	Add and subtract 2-digit numbers	2, 5 and 10 times-tables	Add and subtract across a 10	Double and halve
	B3	Add and subtract 2-digit numbers	2, 5 and 10 times-tables	Missing numbers	Add and subtract 10s
	B4	Add and subtract 2-digit numbers	2, 5 and 10 times tables	Add and subtract across a 10	Count in 2s, 3s, 5s and 10s

Place value

Year 2	Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward.										
Progression of skills	Autumn			Spring				Summer			
	B1	B2	B3	B1	B2	B3	B4	B1	B2	B3	B4
Count in 2s				X							X
Count in 3s					X						X
Count in 5s				X				X			X
Count in 10s (from any number)		X		X							X

Addition and subtraction

Year 2	- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 - Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - a 2-digit number and 1s - a 2-digit number and 10s - two 2-digit numbers - adding three 1-digit numbers - Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.										
Progression of skills	Autumn			Spring				Summer			
	B1	B2	B3	B1	B2	B3	B4	B1	B2	B3	B4
Add and subtract ones to any number	X	X									
Add three 1-digit numbers							X				
Add and subtract across a 10			X						X		X
Add and subtract multiples of 10		X									
Add and subtract 10s to any number				X				X			X

Addition and subtraction continued

Progression of skills	Autumn			Spring				Summer			
	B1	B2	B3	B1	B2	B3	B4	B1	B2	B3	B4
Add and subtract 2-digit numbers (not across a 10)				X							
Add and subtract 2-digit numbers (across a 10)					X	X	X		X	X	X
Missing numbers*		X								X	

*Missing number questions are also included throughout other blocks

Multiplication and division

Year 2	- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables. - Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ($\times$), division ($\div$) and equals ($=$) signs. - Show that multiplication of two numbers can be done in any order (commutative).										
Progression of skills	Autumn			Spring				Summer			
	B1	B2	B3	B1	B2	B3	B4	B1	B2	B3	B4
The 2 times-table							X		X	X	
The 5 times-table								X	X	X	
The 10 times-table						X			X	X	
Double and halve					X				X		
Missing numbers (2, 5 and 10 times-tables)											X

Year 3 Overview

		Question 1	Question 2	Question 3	Question 4
Autumn	B1	1 more, 1 less	10 more, 10 less	Double and halve	Add and subtract 2-digit numbers (no exchange)
	B2	Add 2-digit numbers (across a 10)	Subtract 2-digit numbers (across a 10)	Multiply and divide by 2, 5 and 10	Count in 3s
	B3	Add and subtract 1s, 10s and 100s	Add and subtract 1s across a 10	Add and subtract 10s across 100	Complements to 100
Spring	B1	Multiply and divide by 3	Add and subtract 3-digit numbers (no exchange)	Multiply and divide by 2, 5 and 10	Count in 4s, 8s, 50s and 100s
	B2	Multiply and divide by 4	Add 3-digit numbers (with exchange)	Subtract 3-digit numbers (with exchange)	Related facts (multiplication)
	B3	Multiply and divide by 8	Add and subtract any two numbers	Related facts (division)	Multiply 2-digit numbers (without exchange)
	B4	Multiply and divide by 3, 4 and 8	Add and subtract any two numbers	Multiply 2-digit numbers (with exchange)	Divide 2-digit numbers (without exchange)
Summer	B1	Complements to 100	Add and subtract 1s, 10s and 100s	Divide 2-digit numbers (with exchange)	1, 10 and 100 more or less
	B2	Complements to 60*	Unit fractions of an amount	Division with remainders	Add and subtract fractions
	B3	Add and subtract any two numbers	Non-unit fractions of an amount	Related facts (multiplication)	Related facts (division)
	B4	Count in 4s, 8s, 50s and 100s	Add and subtract 1s, 10s and 100s	Add and subtract fractions	Times-table facts
	B5	Fraction of an amount	Add and subtract any two numbers	Multiply and divide 2-digit numbers	Times-table facts

*To support with calculating time durations in Summer B3

Addition and subtraction

Year 3	- Add and subtract numbers mentally, including: a 3-digit number and ones, a 3-digit number and tens, a 3-digit number and hundreds. - Add and subtract numbers with up to three digits, using formal written methods. - Add and subtract fractions with the same denominator within 1 whole.											
Progression of skills	Autumn			Spring				Summer				
	B1	B2	B3	B1	B2	B3	B4	B1	B2	B3	B4	B5
Add and subtract 1s, 10s and 100s	X		X					X			X	
Add and subtract two numbers (no exchange)	X			X								
Add and subtract two numbers (with exchange)		X	X		X	X	X			X		X
Complements to 100			X					X				
Add fractions with the same denominator									X		X	

Multiplication and division

Year 3	- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. - Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for 2-digit numbers times 1-digit numbers, using mental and progressing to formal written methods. - Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.											
Progression of skills	Autumn			Spring				Summer				
	B1	B2	B3	B1	B2	B3	B4	B1	B2	B3	B4	B5
Count in 3s, 4s, 8s, 50s, 100s		X		X							X	
Multiply and divide by 2, 5 and 10		X		X								X
Multiply and divide by 3				X			X					X
Multiply and divide by 4					X		X					X
Multiply and divide by 8						X	X					X
Related facts					X	X				X		

Multiplication and division continued

Progression of skills	Autumn			Spring				Summer				
	B1	B2	B3	B1	B2	B3	B4	B1	B2	B3	B4	B5
Multiply a 2-digit number by a 1-digit number						X	X					X
Divide a 2-digit number by a 1-digit number							X	X	X			X
Find a fraction of an amount									X	X		X

Year 4 overview

		Question 1	Question 2	Question 3	Question 4
Autumn	B1	Add and subtract 10s	Add and subtract 100s	Times-table facts	Division facts
	B2	Add 3-digit numbers	Subtract 3-digit numbers	Related facts (multiplication)	Related facts (division)
	B3	Add and subtract 1s, 10s, 100s and 1000s	Add and subtract 1s across 10	Multiply by a 1-digit number	Divide by a 1-digit number (no exchange)
	B4	Add and subtract 1s, 10s, 100s and 1000s	Add and subtract 1s across 10	Multiply by a 1-digit number	Divide by a 1-digit number
Spring	B1	Add and subtract 4-digit numbers (no exchange)	Multiply and divide by 6	Multiply and divide by 9	Count in 6s, 7s, 9s and 25s
	B2	Mental strategies (add and subtract 9, 99 or 999)	Multiply and divide by 7	Multiply and divide by 11	Add and subtract 10s across 100
	B3	Subtract 4-digit numbers (with exchange)	Multiply and divide by 12	Add 4-digit numbers (with exchange)	Multiply and divide by 10 and 100
	B4	Add any two numbers	Subtract any two numbers	Complements to 100	Multiply by 1 and 0, Divide a number by 1 and itself
Summer	B1	Multiply three numbers	Add and subtract fractions	Complements to 1,000	Times-table facts
	B2	Division facts	Add fractions and mixed numbers	Subtract from whole amounts	Times-table facts
	B3	Multiply by a 1-digit number	Add and subtract any #two numbers	Subtract from mixed numbers	Times-table facts
	B4	Divide by a 1-digit number	Multiply and divide by 10 and 100	Count in 20s, 25s, 50s and 100s	Times-table facts
	B5	Add and subtract any two numbers	Related facts (multiplication and division)	Add and subtract fractions and mixed numbers	Multiplication and division facts
	B6	Add and subtract any two numbers	Related facts (multiplication and division)	Add and subtract fractions and mixed numbers	Multiplication and division facts

Addition and subtraction

Year 4	- Add and subtract numbers with up to 4-digits using a formal written method. - Add and subtract fractions with the same denominator.													
Progression of skills	Autumn				Spring				Summer					
	B1	B2	B3	B4	B1	B2	B3	B4	B1	B2	B3	B4	B5	B6
Add 1s, 10s, 100s and 1,000s	X		X	X		X								
Add and subtract up to two 4-digit numbers		X			X	X	X	X			X		X	X
Complements to 100 and 1,000								X	X					
Add and subtract fractions and mixed numbers									X	X	X		X	X

Multiplication and division

Year 4	- Recall multiplication and division facts for multiplication tables up to 12×12 - Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers. - Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout. - Find the effect of dividing a 1- or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.													
Progression of skills	Autumn				Spring				Summer					
	B1	B2	B3	B4	B1	B2	B3	B4	B1	B2	B3	B4	B5	B6
Count in multiples					X							X		
Times-table and division facts to 12×12	X				X	X	X		X	X	X	X	X	X
Multiply by 1 and 0, Divide by 1								X						
Multiply 3 numbers									X					
Multiply and divide by 10 or 100							X					X		
Related facts		X											X	X
Multiply and divide by a 1-digit number			X	X							X	X		

Year 5 Overview

		Question 1	Question 2	Question 3	Question 4
Autumn	B1	Mental strategies	Add and subtract 3-digit and 4-digit numbers	Multiply and divide by 10 and 100	Multiply by 1 and 0, divide by 1 and itself
	B2	Mental strategies	Add and subtract 4-digit numbers	Multiply three numbers	Related facts (multiplication and division)
	B3	Multiplication and division facts	Add and subtract 10, 100 and 1,000	Multiply by a 1-digit number	Add and subtract fractions with the same denominator
	B4	Square and cube numbers	Multiplication and division facts (missing numbers)	Divide by a 1-digit number	Add and subtract any two numbers
Spring	B1	Add to a mixed number	Subtract from a mixed number	Multiply by a 1-digit number	Fractions of an amount
	B2	Add and subtract mixed numbers with the same denominator	Add and subtract any two numbers	Divide by a 1-digit number	Related facts (multiplication and division)
	B3	Add and subtract fractions	Multiply a unit fraction by a whole number	Multiply by a 2-digit number	Fractions of an amount
	B4	Add and subtract two mixed numbers	Multiply a non-unit fraction by a whole number	Divide by a 1-digit number	Find the whole
	B5	Add and subtract 10s, 100s and 1,000s	Multiply a mixed number by a whole number	Complements to 180 and 360*	Multiply by a 1-digit number
Summer	B1	Mental strategies	Add and subtract fractions	Related facts (multiplication and division)	Divide by a 1-digit number
	B2	Mental strategies	Multiply and divide by 10, 100 and 1,000	Multiply by a 2-digit number	Multiply a fraction by a whole number
	B3	Multiply by a 1-digit number	Add and subtract any two numbers	Complements to 100 and 1,000	Multiply a mixed number by a whole number
	B4	Multiply and divide by 10, 100 and 1,000	Add decimals	Subtract decimals	Fractions of an amount
	B5	Multiply and divide by 10, 100 and 1,000	Add and subtract decimals	Complements to 1	Find the whole
	B6	Multiply and divide by 10, 100 and 1,000	Add and subtract decimals	Complements to 1	Multiply a mixed number by a whole number

Addition and subtraction

Year 5	- Add and subtract whole numbers with more than 4-digits, including using formal written methods. - Add and subtract numbers mentally with increasingly large numbers. - Add and subtract decimals, including a mix of whole numbers and decimals, decimals with different numbers of decimal places, and complements of 1 - Add and subtract fractions with the same denominator, and denominators that are multiples of the same number.														
Progression of skills	Autumn				Spring					Summer					
	B1	B2	B3	B4	B1	B2	B3	B4	B5	B1	B2	B3	B4	B5	B6
Mental strategies	X	X	X						X	X	X				
Add and subtract whole numbers	X	X		X		X						X			
Add and subtract decimal numbers													X	X	X
Complements to 1, 100, 1,000												X		X	X
Add and subtract fractions and mixed numbers			X		X	X	X	X		X					

Multiplication and division

Year 5	- Recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³) - Multiply numbers up to 4-digits by a 1- or 2-digit number using a formal written method, including long multiplication for 2-digit numbers. - Multiply and divide numbers mentally drawing upon known facts. - Divide numbers up to 4-digits by a 1-digit number using the formal written method of short division and interpret remainders appropriately for the context. - Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 - Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.														
Progression of skills	Autumn				Spring					Summer					
	B1	B2	B3	B4	B1	B2	B3	B4	B5	B1	B2	B3	B4	B5	B6
Times-tables and related facts	X	X	X	X		X				X					
Square and cube numbers				X											
Multiply numbers up to 4-digits by a 1-digit number			X		X				X			X			
Multiply numbers up to 4-digits by a 2-digit number							X				X				
Divide numbers up to 4-digits by a 1-digit number				X		X		X		X					

Multiplication and division continued

Progression of skills	Autumn				Spring					Summer					
	B1	B2	B3	B4	B1	B2	B3	B4	B5	B1	B2	B3	B4	B5	B6
Multiply and divide by 10, 100 and 1,000	X										X		X	X	X
Fractions of an amount					X		X						X		
Multiply fractions by a whole number							X	X			X				
Multiply mixed numbers by a whole number									X			X			X
Find the whole								X						X	

Year 6 Overview

		Question 1	Question 2	Question 3	Question 4
Autumn	B1	Add up to two 4-digit numbers	Subtract up to two 4-digit numbers	Multiply by a 1-digit number	Divide by a 1-digit number
	B2	Add and subtract 10, 100 and 1,000	Multiply and divide by 10, 100 and 1,000	Subtract from multiples of 100	Add and subtract fractions
	B3	Add any two numbers	Subtract any two numbers	Multiply by a 2-digit number	Divide by a 1-digit number
	B4	Add any two fractions	Subtract any two fractions	Related facts (multiplication and division)	Divide by a 2-digit number
	B5	Multiply and divide by 10, 100 and 1,000	Multiply fractions by integers	Fractions of an amount	Divide fractions by integers
Spring	B1	Add mixed numbers	Multiply mixed numbers by integers	Fractions of an amount	Divide fractions by integers
	B2	Subtract mixed numbers	Multiply fractions	Add and subtract decimals	Multiply by a 1-digit number
	B3	Add and subtract with negative numbers	Add and subtract any two numbers	Divide by a 1-digit number	Find the whole
	B4	Multiply decimals by integers	Multiply three numbers	Square and cube numbers	Divide by a 2-digit number
	B5	Divide decimals by integers	Percentage of an amount	Multiply by a 2-digit number	Mental strategies (addition and subtraction)
	B6	Add and subtract decimals	Percentage of an amount	Complements to 180 and 360*	Related facts (multiplication and division)
Sum	B1	Add and subtract any two fractions	Percentage of an amount	Multiply fractions by integers	Multiply by a 1-digit number
	B2	Order of operations	Multiply and divide decimals by integers	Multiply fractions	Four operations

Addition and subtraction

Year 6	- Add and subtract larger numbers, using the formal written method of columnar addition and subtraction. - Use their knowledge of the order of operations to carry out calculations involving the four operations. - Calculate intervals across zero. - Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.												
Progression of skills	Autumn					Spring						Summer	
	B1	B2	B3	B4	B5	B1	B2	B3	B4	B5	B6	B1	B2
Add and subtract integers up to 10 million	X	X	X					X		X			X
Add and subtract decimals with up to 3 decimal places							X				X		
Order of operations													X
Add and subtract across zero								X					
Add and subtract fractions and mixed numbers		X		X		X	X					X	

Multiplication and division

Year 6	- Multiply multi-digit numbers up to 4-digits by a 2-digit whole number using the formal written method of long multiplication. - Divide numbers up to 4-digits by a 2-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders. - Divide numbers up to 4-digits by a 2-digit number using the formal written method of short division. - Use written division methods in cases where the answer has up to two decimal places. - Multiply and divide numbers by 10, 100 and 1,000 giving answers up to three decimal places. - Multiply 1-digit numbers with up to two decimal places by whole numbers. - Multiply simple pairs of proper fractions, writing the answer in its simplest form. - Solve problems involving the calculation of percentages. - Divide proper fractions by whole numbers [for example, $\frac{1}{3} \div 2 = \frac{1}{6}$]												
Progression of skills	Autumn					Spring						Summer	
	B1	B2	B3	B4	B5	B1	B2	B3	B4	B5	B6	B1	B2
Times-tables and related facts				X					X		X		
Multiply by a 1-digit number	X						X					X	X
Multiply by a 2-digit number			X							X			X

Multiplication and division continued

Progression of skills	Autumn					Spring						Summer	
	B1	B2	B3	B4	B5	B1	B2	B3	B4	B5	B6	B1	B2
Divide by a 1-digit number	X		X					X					X
Divide by a 2-digit number				X					X				X
Multiple and divide by 10, 100, 1,000		X			X								
Multiply and divide decimals by integers									X	X			X
Multiply and divide fractions by integers			X	X	X	X						X	
Multiply fractions by fractions							X						X
Fractions of an amount					X	X							
Find the whole								X					
Calculate percentages										X	X	X	