

Frog Class Half-Termly Maths Learning Journey Overview

Autumn 2 2025

As Mathematicians we will be...

Year 2 curriculum – Completion of addition and subtraction, multiplication, division and fractions

Year 3 curriculum – Completion of addition and subtraction, multiplication, division and fractions

Year 4 curriculum – Completion of addition and subtraction, multiplication, division and fractions and decimals

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Dates:	03.11.25	10.11.25	17.11.25	24.11.25	01.12.25	08.12.25	15.12.25
Year 2	Addition and Subtraction continued		Multiplication and Division			Fractions	
	- add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - a two-digit number and ones - a two-digit number and tens - two two-digit numbers - adding three one digit numbers - solve problems with addition and subtraction: - using concrete objects and pictorial representations, including those involving numbers, quantities and measures - applying their increasing knowledge of mental and written methods		- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers - show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot - calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ($\times$), division ($\div$) and equals ($=$) signs			- recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity - Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ - write simple fractions for example, $\frac{1}{2}$ of 6 = 3	

Year 3	Addition and Subtraction continued	Multiplication and Division	Fractions
	• add and subtract numbers mentally, including: ○ a three-digit number and ones ○ a three-digit number and tens ○ a three-digit number and hundreds • add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction • solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	• 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 two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	• count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 • recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators • recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators • recognise and show, using diagrams, equivalent fractions with small denominators • compare and order unit fractions, and fractions with the same denominators

Year 4	Addition and Subtraction continued	Multiplication and Division	Fractions and decimals
	• add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate • solve addition and subtraction twostep problems in contexts, deciding which operations and methods to use and why	• 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 • recognise and use factor pairs and commutativity in mental calculations • multiply two-digit and three-digit numbers by a one-digit number using formal written layout	• count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten • recognise and show, using diagrams, families of common equivalent fractions • add and subtract fractions with the same denominator • recognise and write decimal equivalents of any number of tenths or hundredths • recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ • round decimals with one decimal place to the nearest whole number • compare numbers with the same number of decimal places up to two decimal places