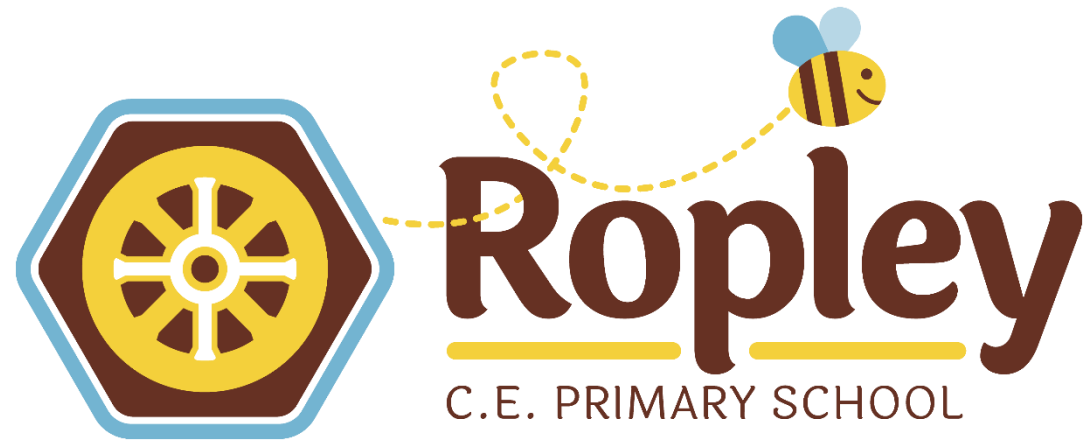




Year 4 Mathematics Overview

2026-2027

LOVE • COURAGE • COMMUNITY



Year 4 Autumn

Place Value

- count in multiples of 6, 7, 9, 25 and 1000
- find 1000 more or less than a given number
- recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)
- identify, represent and estimate numbers using different representations
- round any number to the nearest 10 and 100

Addition and Subtraction

- add and subtract numbers with up to 4 digits using formal written methods
- estimate and use inverse operations to check answers to a calculation
- solve addition and subtraction two-step problems in context using the right method

Multiplication and Division:

- use place value and other known facts to multiply and divide mentally
- solve problems involving multiplying and adding when multiplying 2-digit numbers by 1-digit numbers

Fractions

- recognise and show fractions using diagrams
- find out what happens to a number when dividing by 10 or 100
- solve simple measure and money problems involving fractions
- add and subtract fractions with the same denominator
- round decimals with one decimal place to the nearest whole number

Statistics

- interpret and present data using bar charts, pictograms and tables.
- solve one-step and two-step questions about data in bar charts, tables and pictograms such as 'How many more'

Measurement

- convert between different units of measure
- measure and calculate the perimeter of rectilinear figures in cm and m
- find the area of rectilinear shapes by counting squares

Geometry

- compare and classify geometric shapes based on properties and sizes
- identify acute and obtuse angles
- identify lines of symmetry in 2D shapes
- complete a symmetrical figure using a line of symmetry
- describe positions on a 2D grid as coordinates in the first quadrant

Year 4 Spring



Place Value

- order and compare numbers beyond 1000
- count backwards through 0 to include negative numbers
- round any number to the nearest 10, 100 and 1000

Addition and Subtraction

- estimate and use inverse operations to check answers
- continue to solve two-step problems in context using the correct method
- add and subtract numbers with up to 4 digits

Multiplication and Division:

- recall and use multiplication and division facts for the 2, 3, 4, 5, 6 and 8 multiplication tables
- use place value and other known facts to multiply and divide mentally, including by 0 and 1, dividing by 1 and multiplying 3 numbers together

Fractions

- recognise and show, using diagrams, equivalent fractions
- recognise hundredths arise when dividing any number by 100 or tenths by 10
- find out what happens when dividing a 1 or 2-digit number by 10 or 100, and identify the place value of each digit in the answer as ones, tenths and hundredths
- solve simple measures and money problems involving fractions

Measurement

- estimate, compare and calculate different measures including money in pounds and pence
- read, write and convert time between analogue and digital clocks in 12 and 24 hours

Geometry

- compare and classify geometric shapes based on their properties and sizes, including quadrilaterals
- identify lines of symmetry in 2D shapes presented in different orientations
- describe movements between positions as translations of a given unit to the left/right and up/down

Year 4 Summer

Place Value

- read Roman numerals to 100 (I to C) and know that over time the numeral system changed to include the concept of 0 and place value
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers.

Addition and Subtraction

- add and subtract numbers with up to 4 digits
- estimate and use inverse operations to check answers to a calculation
- solve addition and subtraction 2-step problems in contexts, and be able to explain why they chose certain operations/methods

Multiplication and Division:

- recall multiplication and division facts up to 12x12
- recognise and use factor pairs and commutativity in mental calculations
- multiply 2-digit and 3-digit numbers by a 1-digit number using a formal written method
- solve problems involving multiplying and adding, including: using the distributive law to multiply 2-digit numbers by 1-digit, integer scaling problems and harder correspondence problems such as n objects connected to m objects

Fractions/Decimals

- count up and down in hundredths
- recognise and write decimal equivalents of any amount of tenths or hundredths
- recognise and write decimal equivalents to $\frac{1}{2}$, $\frac{1}{4}$, and $\frac{3}{4}$
- identify the value of digits in numbers as ones, tenths and hundredths
- compare numbers with the same number of decimal places, up to 2 decimal places.
- solve simple measure and money problems involving fractions and decimals to 2dp

Measurement

- estimate, compare and calculate using different measures, including money in pounds and pence
- solve problems involving converting from hours to minutes, minutes to seconds, years to months and weeks to days.

Geometry

- compare and classify geometric shapes based on their properties and sizes, including quadrilaterals and triangles
- identify acute and obtuse angles and compare and order angles, up to two right angles, by size
- plot specified points and draw sides to complete a given polygon

Statistics

- interpret and present discrete and continuous data using appropriate graphical methods eg. time graphs and bar charts
- solve comparison sum and difference problems using data in pictograms, bar charts, tables and other graphs