

River View Primary School

Mathematics

Year 4

Spring

What will I know by the end of the unit?

Multiplication and Division

Multiply two-digit and three-digit numbers by a one-digit number using a formal written layout. Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems.

Length and Perimeter

Convert between different units of measure. Estimate, compare and calculate different measures. Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.

Fractions

Recognise and show, using diagrams, families of common equivalent fractions. Add and subtract fractions with the same denominator. Solve problems involving increasingly harder fractions to calculate quantities and fractions to divide quantities, including non-unit fractions where the answer is a whole number.

Decimals

Recognise and write decimal equivalents of any number of tenths or hundredths. Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$. Find the effect of dividing a one or two-digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths.

Technical Vocabulary

multiple	the product of a given number multiplied by another number
factor	a number which will divide exactly into another number
product	the result when two or more numbers are multiplied
dividend	a number to be divided by another number
divisor	a number by which another number is divided
quotient	the result when one number is divided by another number
length	how long an object is
perimeter	the length of the distance around the boundary of the shape
estimate	roughly calculate
numerator	the number above the line in a fraction
denominator	the number below the line in a fraction
unit fraction	any fraction with 1 as its numerator
equivalent fraction	two or more fractions that are all equal even though they different numerators and denominators
decimal	a number that is not a whole; a number whose whole number part and the fractional part is separated by a decimal point
tenth	one part in 10 equal parts (1/10, 0.1)
hundredth	one part in 100 equal parts (1/100, 0.01)