

Maths

Spring 1 and 2

Year 4

Unit 6. Multiplication and division (2) (15 Lessons)

Number - multiplication and division

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

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 such as n objects are connected to m objects

solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

Unit 7. Measure - area (5 Lessons)

Measurement

find the area of rectilinear shapes by counting squares

estimate, compare and calculate different measures, including money in pounds and pence

Unit 8. Fractions (1) (7 Lessons)

Number - fractions (including decimals)

recognise and show, using diagrams, families of common equivalent fractions

count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten

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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

Unit 9. Fractions (2) (8 Lessons)

Number - fractions (including decimals)

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

add and subtract fractions with the same denominator

Unit 10. Decimals (1) (10 Lessons)

Number - fractions (including decimals)

count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten

recognise and write decimal equivalents of any number of tenths or hundredths

find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

solve simple measure and money problems involving fractions and decimals to two decimal places