

Weeks 1 & 2

Number and Place Value

LI: To understand the relationship between the powers of 10.

LI: To recognise the place value of each digit in numbers up to 10,000,000.

LI: To reason about the location of any number up to 10 million.

LI: To divide powers of 10, from 1 hundredth to 10 million, into 2, 4, 5 and 10 equal parts, and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts.

Week 3

Addition and Subtraction

LI: To use the formal written method for addition.

LI: To use the formal written method for subtraction.

LI: To use rounding to check answers to calculations.

LI: To use the inverse to check answers to calculations.

LI: To solve addition and subtraction multi-step word problems in contexts, deciding which operations and methods to use and why.

Week 4

Test week

Week 5

Writing Assessment week

Multiplication and Division

LI: To multiply numbers up to 4 digits by a one- or two-digit number, using a formal written method.

LI: To divide numbers up to 4 digits by a one-digit number, using the formal written method of short division.

LI: To multiply and divide numbers mentally drawing upon known facts.

LI: To multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.

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Week 6

Measurement

LI: To solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places, where appropriate.

LI: To use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation up to three decimal places.

LI: To recognise that shapes with the same area can have different perimeters and vice versa.

LI: To calculate the area of parallelograms and triangles.

Week 7

Measurement (continued)

LI: To recognise when it is possible to use formulae for the area and volume of shapes.

LI: To calculate, estimate and compare the volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3), and extending to other units e.g. mm^3 and km^3 .

Properties of shape

LI: To draw 2-D shapes using given dimensions and angles.

LI: To recognise, describe and build simple 3-D shapes, including making nets.