

Maths

Spring 1 and 2

Year 2

Unit 6. Multiplication and division (2) (9 Lessons)

Number - multiplication and division

recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers

calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs

solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts

Unit 7. Statistics (7 Lessons)

Statistics

interpret and construct simple pictograms, tally charts, block diagrams and simple tables

ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity

ask and answer questions about totalling and comparing categorical data

Unit 8. Length and height (5 Lessons)

Number - addition and subtraction

solve problems with addition and subtraction:

using concrete objects and pictorial representations, including those involving numbers, quantities and measures

Measurement

choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels

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compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$

Unit 9. Properties of shapes (12 Lessons)

Geometry - properties of shapes

identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line

identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces

compare and sort common 2-D and 3-D shapes and everyday objects

Geometry - position and direction

order and arrange combinations of mathematical objects in patterns and sequences

Unit 10. Fractions (14 Lessons)

Number - fractions

recognise, find and name a half as one of two equal parts of an object, shape or quantity

recognise, find and name a quarter as one of four equal parts of an object, shape or quantity

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

write simple fractions for example, $\frac{1}{2}$ of $6 = 3$ and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$