

Maths

Summer 1 and 2

Year 2

Unit 11. Position and direction (4 Lessons)

Geometry - position and direction

order and arrange combinations of mathematical objects in patterns and sequences

use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)

Unit 12. Problem solving and efficient methods (12 Lessons)

Number - number and place value

use place value and number facts to solve problems

Number - addition and subtraction

solve problems with addition and subtraction:

recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems

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

Number - multiplication and division

show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot

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

Unit 13. Time (9 Lessons)

Measurement

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tell the time to the hour and half past the hour and draw the hands on a clock face to show these times

compare and sequence intervals of time

tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times

know the number of minutes in an hour and the number of hours in a day

Unit 14. Weight, volume and temperature (10 Lessons)

Measurement

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

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