Maths
Summer 1 and 2
Year 5

Unit 12. Decimals (15 Lessons)

Number - fractions (including decimals and percentages)

- recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents

- read, write, order and compare numbers with up to three decimal places

- solve problems involving number up to three decimal places

Unit 13. Geometry - properties of shapes (1) (7 Lessons)

Geometry - properties of shapes

- know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles

- draw given angles, and measure them in degrees (°)

- use the properties of rectangles to deduce related facts and find missing lengths and angles

- angles at a point and one whole turn (total 360°)

- angles at a point on a straight line and 1/2 a turn (total 180°)

Unit 14. Geometry - properties of shapes (2) (5 Lessons)

Geometry - properties of shapes

- identify 3-D shapes, including cubes and other cuboids, from 2-D representations

- draw given angles, and measure them in degrees (°)

- use the properties of rectangles to deduce related facts and find missing lengths and angles

distinguish between regular and irregular polygons based on reasoning about equal sides and angles

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Unit 15. Geometry - position and direction (4 Lessons)

Geometry - position and direction

identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed

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Unit 16. Measure - converting units (10 Lessons)

Measurement

convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)

understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints

solve problems involving converting between units of time

use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling

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Unit 17. Measure - volume and capacity (4 Lessons)

Measurement

estimate volume [for example, using 1 cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water]