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| Year 7 Learner stage | What I should know, understand, be able to explain or do in year 7 Summer Term |
| Exceptional Mastery (E) | I can convert between different units of volume: cm³, ml and litres.  I can work out and use expressions for the *n*th term in an arithmetic sequence.  I can calculate the surface area of a cuboid.  I can solve word problems involving ratio and inverse proportion.  I can simplify a ratio expressed in fractions or decimals, or in different units.  I can write recurring decimals as fractions. |
| Advancing mastery (A) | I can find and calculate the midpoints of a line segment.  I can write ratios in the form 1 : *n*  I can work out the terms of an arithmetic sequence using the term-to-term rule.  I can solve best buy problems.  I can recognise geometric sequences and work out the term-to-term rule.  I can draw straight-line graphs.  I can share a quantity in 2 or more parts in a given ratio.  I can work out the scale factor given an object and its image. |
| Secure mastery (S) | I can calculate probability of A or B happening by counting outcomes.  I can develop the use of mathematical language to describe sequences.  I can identify the properties of quadrilaterals.  I can recognise straight-line graphs parallel to the axes.  I can calculate the perimeter of shapes made from rectangles and triangles.  I can calculate the volume of a cube.  I can calculate the area of triangles. |
| Developing mastery (D) | I can calculate simple fractions of quantities.  I can understand percentage as ‘the number of parts per 100’.  I can calculate the area of squares and rectangles.  I can identify nets of different 3D shapes.  I can simplify fractions. |
| Foundation mastery (F) | I can reflect a shape in a mirror line.  I can draw and describe rotations.  I can use a probability scale with words and numbers.  I can identify equivalent fractions. |