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| Learner stage | What I should know, understand, be able to explain or do |
| Exceptional Mastery (E) | I can use prime factor decomposition to find the HCF and LCM of two numbers.  I can use negative indices.  I can form and solve equations.  I can solve equations using powers.  I can factorise quadratics.  I can find the volume and surface area of a cylinder. |
| Advancing mastery (A) | I can use prime factor decomposition to write a number as a product of its prime factors.  I can decipher and use the laws of positive indices.  I can identify the difference the between an equation and an identity.  I can change the subject of a formula.  I can multiply out double brackets.  I can round to a given number of significant figures.  I can find the area of a trapezium.  I can find the area of a compound shape.  I can find the area and circumference of a circle. |
| Secure mastery (S) | I can use written methods to add and subtract decimals.  I can calculate using squares, cubes and roots.  I can substitute into algebraic expressions.  I can find the area of 2D shapes including triangles and parallelograms.  I can calculate the volume of cubes and cuboids.  I can calculate the surface area of cubes and cuboids.  I can solve two step equations. |
| Developing mastery (D) | I can multiply large numbers.  I can add, subtract, multiply and divide negative numbers.  I can use proportion to solve simple problems.  I can identify square and cube numbers and their corresponding roots.  I can draw a 2D net of a 3D shape.  I can solve simple equations. |
| Foundation mastery (F) | I can add and subtract large numbers.  I know and can apply the correct order of operations.  I can find equivalent ratios.  I can recognise 2d shapes and their properties.  I can identify and collect like terms. |