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| Year 7Learner stage | What I should know, understand, be able to explain or do in year 7 Autumn Term |
| Exceptional Mastery (E) | I can draw a line of best fit and use it to estimate values.  I can use factorising to work out square roots and cube roots.  I can understand how to reduce bias in sampling and questionnaires.  I can create a formulae that matches a situation  I can add, subtract, multiply and divide with algebraic fractions |
| Advancing mastery (A) | I can identify sources of primary and secondary data.  I can choose the most appropriate average for a set of data.  I can draw and interpret grouped frequency diagrams.  I can draw and interpret pie charts.  I can factorise an algebraic expression.  I can add, subtract, multiply and divide with mixed numbers |
| Secure mastery (S) | I can interpret and draw dual bar charts and compound bar charts.  I can find the mode, median, mean and range for a set of data.  I can recognise when a graph is misleading.  I can understand the difference between multiples, factors and primes.  I can find the HCF and LCM of two numbers.  I can substitute into formulae.  I can calculate with squares and square roots.  I can add, subtract, multiply and divide with fractions.  I can recognise multiples.  I can simplify expressions.  I can understand the priority of operations.  I can substitute numbers into multi-stage formulae |
| Developing mastery (D) | I can find the mode of a set of data.  I can find the modal class of a set of data.  I can find the range and median of a set of data.  I can multiply and divide by 10, 100 and 1000.  I can use simple negative numbers.  I can continue a sequence.  I can read information from real-life graphs.  I can identify prime numbers.  I can substitute positive integers into simple formulae written in symbols. |
| Foundation mastery (F) | I can add numbers together in different ways.  I can round to the nearest 10.  I can find outputs of simple functions.  I can substitute positive integers into simple formulae written in words.  I can recognise multiples of 2, 5, 10 and 25. |