|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Upper |  |  | Significantly BelowTarget | BelowTarget | On Target | Above Target | Significantly AboveTarget |
| Middle |  | Significantly BelowTarget | BelowTarget | On Target | Above Target | Significantly AboveTarget |  |
| Lower | Significantly BelowTarget | BelowTarget | On Target | Above Target | Significantly AboveTarget |  |  |
| Year 7SpringTerm 1Numbers,Expressions and Sequences. | (Level 2)Use of number bonds to 10 to find a missing digit e.g. 3 + \_\_ = 10.Counting numbers in equal steps. | (Level 3)Understand the role of the = sign.Work out the missing number in a box.Generate terms of a sequence from a term-to-term rule.Continue a sequence of patterns. | (Level 4)Use and interpret algebraic notation, including: *- ab* in place of *a* × *b* - 3*y* in place of *y* + *y* + *y* and 3 × *y* *- a*2 in place of *a* × *a*, *a*3 in place of *a* × *a* × *a*; *a*2*b* in place of *a* × *a* × *b* -  in place of *a* ÷ *b*- brackets.Generate terms of a sequence from a position-to-term rule. | (Level 5)Simplify and manipulate algebraic expressions to maintain equivalence by: - collecting like terms - multiplying a single term over a bracket.Model situations or procedures by translating them into algebraic expressions. Recognise arithmetic sequences and find the nth term. | (level 6)Use and interpret algebraic notation, including:- coefficients written as fractions rather than as decimals.Simplify and manipulate algebraic expressions to maintain equivalence by: - taking out common factors.Model situations or procedures by translating them into algebraic expressions Generate terms of a sequence from a position-to-term rule and use this to check if a number would be part of the sequence.Generate terms of a quadratic sequenceRecognise geometric sequences and appreciate other sequences that arise. | (level 7)Simplify and manipulate algebraic expressions to maintain equivalence by: - expanding products of two or more binomialsSimplify and manipulate algebraic expressions to maintain equivalence by:- Simplifying algebraic fractions when the denominators are integers.Find the nth term of a quadratic sequence.  | (Level 8)Factorise quadratic expressions where the coefficient of x² is 1, difference of 2 squares.(Level 9/10)Factorise quadratic expressions where the coefficient of x² is > 0Simplify and manipulate algebraic expressions to maintain equivalence by:- Simplify algebraic fractions when the denominators are algebraic expressions.Simplify algebraic fractions by factorising.Rewrite quadratic expressions by completing the square. |