



# Key Stage 3 progress grid

Subject Mathematics Year 9

9

Topic / skill area Algebra

Trajectory	I am able to.....
T9, T8	<input type="checkbox"/> Solve an equation by factorising <input type="checkbox"/> Rearrange a formula prior to solving <input type="checkbox"/> <b>Identify the most efficient method to solve a problem</b>
T7	<input type="checkbox"/> Change the subject of a formula <input type="checkbox"/> <b>Select an appropriate method to solve a problem</b>
T6	<input type="checkbox"/> Recognise geometric sequences <input type="checkbox"/> Prove whether a term is in a sequence <input type="checkbox"/> Factorise non-linear expressions <input type="checkbox"/> Use mathematical formulae
T5, T4	<input type="checkbox"/> Expand the product of two or more binomials <input type="checkbox"/> Factorise linear expressions <input type="checkbox"/> Find the nth term of a sequence <input type="checkbox"/> <b>Know when to generate an algebraic expression</b>
T3	<input type="checkbox"/> Solve an equation with unknowns on one side <input type="checkbox"/> Find consecutive missing terms in a sequence <input type="checkbox"/> Generate a sequence <input type="checkbox"/> Identify common factors of an algebraic expression
T2, T1	<input type="checkbox"/> Simplify an algebraic expression by expanding an expression over a single bracket <input type="checkbox"/> Find missing terms in a linear sequence

