



Key Stage 3 progress grid

Subject Maths **Year** 9 **Topic / skill area** Equations and inequalities

Trajectory	I am able to.....
T9, T8	<input type="checkbox"/> Solve simultaneous equations where both equations need to be manipulated <input type="checkbox"/> Use inequalities to identify regions on graphs
T7	<input type="checkbox"/> Solve simultaneous equations <input type="checkbox"/> Solve inequalities <input type="checkbox"/> Construct and solve equations with unknowns on both sides
T6	<input type="checkbox"/> Solve simultaneous equations graphically <input type="checkbox"/> Represent inequalities on a number line <input type="checkbox"/> Find all the integer solutions to an inequality <input type="checkbox"/> Construct and solve equations with brackets
T5, T4	<input type="checkbox"/> Write inequalities using correct mathematical notation <input type="checkbox"/> Understand inequality notation <input type="checkbox"/> Solve two step equations with unknowns on one side <input type="checkbox"/> Plot graphs of cubic functions
T3	<input type="checkbox"/> Use inverse operations <input type="checkbox"/> Construct equations <input type="checkbox"/> Plot graphs of quadratic functions
T2, T1	<input type="checkbox"/> Plot and read coordinates in 4 quadrants <input type="checkbox"/> Calculate the input and output of a function machine <input type="checkbox"/> Form algebraic expressions <input type="checkbox"/> Draw graphs of linear functions

