Year 9

Half Term 4: Equations and Inequalities

What will I be working on this half term?

- Construct and solve equations and inequalities
- 2. Solve equations and inequalities using graphs
- 3. Quadratic and other graphs

Post learning

assessment

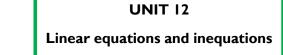
PINS I	
PINS 2	

Pre-learning assessment score (%)

Part 1	Part 2	Part 3	Part 4

UNIT 13

Simultaneous equations





MM:A:AM: Simplifying I & 2

MM:A:EL: Equations—I step



MM:A:EL: Equations 2,3,4,5

MM:A:I: Inequalities and intervals



MM:A:I: Inequations, negative inequations

MM:A:EL: Equation pairs



MM:A:G: Plotting lines

MM:A:ES: Simultaneous equations 1, 2

MM:A:ES: Simultaneous equations 3. negatives

MM:A:ES: Solving equations graphically

Nrich: Simultaneous equations sudoku



Peer assessment

Self assessment

UNIT 14

Quadratic and other graphs



MM:A:G: Plotting graphs 3—quadratics

MM:A:G: Plotting graphs 4, non linear, reciprocals, Solving problems with graphs



MM:A:G: Plotting graphs exponentials, recognising graphs



MM:A:G: Plotter

Key MM:A:AM Mymaths:Algebra:Algegraic manipulation MM:A:EL Mymaths:Algebra:Equations-linear MM:A:I Mymaths:Algebra:inequalities MM:A:ES Mymaths:Algebra:Equations Simultaneous MM:A:G: Mymaths:Algebra:Graphs