

## Year 9 – Mid-Years

### Paper 1 (Non-Calculator)

Collecting like-terms  
Fractions  
Simplifying Algebra  
Factorising and Expanding  
Index laws  
Standard Form  
Converting a recurring decimal to a fraction  
Percentage changes  
Forming and solving equations  
Rearranging Formulae  
Substitution  
Linear Equations  
*Stem and Leaf Diagrams*  
Area & Perimeter

### Paper 2 (Calculator)

Area  
Algebraic Expressions  
Expanding and Factorising  
Solving Equations involving fractions  
Standard Form  
*Pie Charts*  
Pythagoras' Theorem  
Trigonometry (SOHCAHTOA)  
Solving Quadratic equations  
Reverse Percentages  
*Averages*  
Percentage Change  
Rearranging Formulae  
*Simultaneous equations*  
Simplifying algebraic fractions  
Rearranging equations

*Italicised are topics from the end of Year 8*