Year 9

Exceeding Pathway - Topic List

|  |
| --- |
| Fractions of Amounts |
| Percentages of Amounts |
| Ratio and Proportion |
| Standard Form |
| Further Percentages |
| Simple and Compound Interest |
| Upper and Lower Bounds |
| Direct and Inverse Proportion |
| Converting Recurring Decimals into Fractions |
| Fractional and Negative Indices |

Number:

|  |
| --- |
| Expanding Brackets |
| Factorising |
| Linear Equations |
| Inequalities |
| Number Sequences |
| Changing the Subject of a Formula |
| Graphs of Equations |
| Quadratic Equations |
| Simultaneous Equations |

Algebra:

|  |
| --- |
| Polygons |
| Circumference and Area of Circles |
| Basic Volume |
| Basic Surface Area |
| Pythagoras Theorem |
| Basic Trigonometry |
| Loci |
| Circle Theorems |

Shape:

|  |
| --- |
| Cumulative Frequency |
| Box Plots |
| Further Probability |
| Possibility Spaces |
| Venn Diagrams |
| Frequency Trees |
| Probability Tree Diagrams |
| Conditional Probability |

Data: