Year 9

Secure Pathway - Topic List

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| Basic Indices |
| Product of Primes, HCF and LCM |
| Fractions |
| Fractions of Amounts |
| Percentages of Amounts |
| Ratio and Proportion |
| Approximations and Estimations |
| Multiplication and Division |
| Simple and Compound Interest |

Number:

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| Basic Algebra |
| Expanding Brackets |
| Factorising |
| Linear Equations |
| Inequalities |
| Number Sequences |
| Graphs of Equations |

Algebra:

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| Further Angles |
| Transformations |
| Perimeter and Area of Shapes |
| Circumference and Area of Circles |
| Basic Volume |
| Basic Surface Area |
| Pythagoras Theorem |

Shape:

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| Pie Charts |
| Further Averages (including from tables) |
| Reading Scales |
| Scatter Graphs |
| Cumulative Frequency |
| Box Plots |
| Further Probability |
| Possibility Spaces |
| Two Way Tables |
| Frequency Trees |

Data: