Year 8

Exceeding Pathway - Topic List

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| Squares, Cubes and Roots |
| Basic Indices |
| Products of Primes, HCF and LCM |
| Fractions |
| Fractions of Amounts |
| Percentages of Amounts |
| Ratio and Proportion |
| Approximations and Estimations |
| Standard Form |
| Simple and Compound Interest |
| Upper and Lower Bounds |

Number:

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| Expanding Brackets |
| Factorising |
| Linear Equations |
| Inequalities |
| Number Sequences |
| Graphs of Equations |
| Quadratic Equations |
| Simultaneous Equations |

Algebra:

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| Polygons |
| Further Angles |
| Transformations |
| Perimeter and Area of Shapes |
| Circumference and Area of Circles |
| Pythagoras Theorem |
| Bearings |

Shape:

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| Further Averages (including from tables) |
| Cumulative Frequency |
| Further Probability |
| Possibility Spaces |
| Frequency Trees |
| Probability Tree Diagrams |

Data: