**FOUNDATION GCSE COURSE CONTENT**

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| **Unit** | **Topic** |
| 1 | Angles |
| 2 | Scale diagrams and bearings |
| 3 | Basic number |
| 4 | Factors and multiples |
| 5 | Basic algebra |
| 6 | Basic fractions |
| 7 | Coordinates and linear graphs |
| 8 | Basic decimals |
| 9 | Rounding |
| 10 | Collecting and representing data |
| 11 | Sequences |
| 12 | Basic percentages |
| 13 | Perimeter and area |
| 14 | Circumference and area |
| 15 | Real life graphs |
| 16 | Ratio and proportion |
| 17 | Properties of polygons |
| 18 | Equations |
| 19 | Indices |
| 20 | Standard form |
| 21 | Basic probability |
| 22 | Transformations |
| 23 | Congruence and similarity |
| 24 | 2D representation of 3D shapes |
| 25 | Calculating with percentages |
| 26 | Measures |
| 27 | Statistical measures |
| 28 | Construction and loci |
| 29 | Probability |
| 30 | Volume |
| 31 | Algebra: quadratics, rearranging formulae and identities |
| 32 | Scatter graphs |
| 33 | Inequalities |
| 34 | Pythagoras’ theorem |
| 35 | Simultaneous equations |
| 36 | Algebra and graphs |
| 37 | Sketching graphs |
| 38 | Direct and inverse proportion |
| 39 | Trigonometry |
| 40 | Solving quadratic equations |
| 41 | Quadratic graphs |
| 42 | Growth and decay |
| 43 | Vectors |