Mathematics

Year Group 11 Foundation

Half Term 1

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| --- | --- |
| Number of Hours | Topic |
| 7 | Constructions, loci and bearings  Page 230 |
| 5 | Quadratic equations: expanding and factorising  Page 113 |
| 4 | Quadratic equations: graphs  Page 146 |
| 6 | Circles, cylinders, cones and spheres  Page 252 / 270 |
| 5 | Fractions and reciprocals  Page 42 |
| 5 | Indices and standard form  Page 30 |
| Reasons behind order of topic in this half term | |
| Follows Edexcel two year scheme of learning and mirrors topics assessed in key assessments.  Constructions, loci and bearings offer quite a difficult but challenging start to the year.  Quadratic equations and graphs will appear on the first key assessment and mock exam so students must be fluent here.  The final Geometry topics involve some of the harder Circles, cylinders, cones and spheres which are cross-over topics with the Higher tier.  The final number work involves standard form and indices. | |

Mathematics

Year Group 11 Foundation

Half Term 2

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| Number of Hours | Topic |
| 7 | Similarity and congruence in 2D  Page 304 |
| 7 | Vectors  Page 225 |
| 5 | Rearranging equations, graphs of cubic and reciprocal functions and simultaneous equations  Page 121 / 150 / 111 |
| Reasons behind order of topic in this half term | |
| Follows Edexcel two year scheme of learning and mirrors topics assessed in key assessments. | |

Mathematics

Year Group 11 Foundation

Half Term 3

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| Number of Hours | Topic |
|  | Revision and topic tests.  Past paper revision. |
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| Reasons behind order of topic in this half term | |
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Mathematics

Year Group 11 Foundation

Half Term 4

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| Number of Hours | Topic |
|  | Revision and topic tests.  Past paper revision. |
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| Reasons behind order of topic in this half term | |
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Mathematics

Year Group 11 Foundation

Half Term 5

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| Number of Hours | Topic |
|  | Revision and topic tests.  Past paper revision. |
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| Reasons behind order of topic in this half term | |
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Mathematics

Year Group 11 Foundation

Half Term 6

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| Number of Hours | Topic |
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| Reasons behind order of topic in this half term | |
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| Reasons behind order of topics in this Year |
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