# Year 11 Higher SOW 2019-20

| SEPTEMBER | OCTOBER | | NOVEMBER | | DECEMBER |
|---|---|---|---|---|---|
| **Weeks 2 – 4** **Unit 16 Circle Theorems** Understand and learn all circle theorems, inc. radii, chords, tangents, deltas, semi-circles, cyclic quadrilaterals, prove alternate segment theorem, apply circle theorems using co-ordinate grids. | **Weeks 6 – 8** **Unit 17 Further Algebra** Re-arranging formulae, algebraic fractions, surds, functions inc. composite and inverse, algebraic proof. | Half Term Holiday | **Weeks 10 - 12** **Revision for Pre-application Exams.** | **Weeks 13 – 14** **Pre-application Exams** | **Weeks 15 - 16** **Unit 18 Vectors & Geometric Proof** Column vectors, vector arithmetic, parallel and collinear points. |

| DECEMBER | JANUARY | FEBRUARY | | | MARCH | |
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| **Christmas Holiday** | **Weeks 19 - 20** **Unit 18 Vectors & Geometric Proof** Solving geometric problems, geometric proof using vectors. | **Week 21-24** **Unit 19 Proportion & Graphs** Direct & inverse proportion inc. graphs, exponential functions, non-linear graphs, area under a graph, transforming graphs of functions. | **Half Term Holiday** | **Weeks 26 – 28 Revision** | **Week 29 Core Mock Exams** | **Week 30 Revision** |

| APRIL | | | MAY | | JUNE | |
|---|---|---|---|---|---|---|
| **Week 31 Revision** | **Easter Holiday** | **Week 34 - 36 Targeted Revision Groups** . | **Week 37 - 38 Start of GCSE Exams** | **Half Term Holiday** | ***Weeks 40 - 42 GCSE Exams*** | |