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|  | Year 9 Higher | | | Year 10 Higher | | | Year 11 Higher | |
| Strand | Autumn | Spring | Summer | Autumn | Spring | Summer | Autumn | Spring |
| Number | Calculations and rounding | Indices and BIDMAS | Types of numbers | Standard form and surds | Multiplicative number |  |  |  |
|  | Fractions and applications | Percentages |  | Accuracy and bounds |  |  |  |  |
| Algebra | Expressions | Equations | Graphs incl real life | Linear graphs and coordinates | Solving quadratics pt 2 | Quadratics, cubics and circles | Graphs of trig functions | Graphs including gradients and area under |
|  |  | Quadratics and simultaneous equations pt 1 |  | Quadratics and graphs | Sequences  Inequalities |  | Algebraic factions, surds and proof |  |
| Ratio, proportion and rates of change |  |  | Ratio and proportion |  |  |  |  | Direct and inverse proportion |
| Geometry and measures | Angles |  | Area, perimeter and circles | 3D shapes  Transformations | Constructions | Similarity and congruence | Circle theorems | Circle geometry |
|  | Pythagoras’ theorem and Trigonometry |  |  |  |  |  | Further trigonometry | Vectors and geometric proof |
| Probability |  |  | Single probability, independent events |  |  | Venn and tree diagrams |  |  |
| Statistics | Averages, range and tables | Scatter graphs |  | Averages, ranges and graphs |  | Collecting data | Cumulative frequency and histograms |  |