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|  | Year 9 Foundation | | | Year 10 Foundation | | | Year 11 Foundation | |
| Strand | Autumn | Spring | Summer | Autumn | Spring | Summer | Autumn | Spring |
| Number | Integers and place value |  | Number and geometry, circles, cylinders and cones | Decimals |  | Fractions and reciprocals | Powers and indices |  |
|  | Manipulating fractions |  | Multiplicative reasoning | FDP |  | Indices and standard from | Basic percentages |  |
| Algebra | Expressions | Geometry and algebra |  | Expressions, expanding and factorising |  | Quadratics | Expressions and substitution | Sequences and nth term |
|  | Solving equations |  |  | Inequalities |  | Simultaneous equations |  | Quadratic graphs |
| Ratio, proportion and rates of change |  | Real life graphs | Geometry and ratio |  | Straight line graphs |  |  | Ratio review |
|  |  | Ration and proportion | Similarity and congruence |  | Proportion |  |  | Proportion review |
| Geometry and measures | Properties of shape | Perimeter and area | Pythagoras theorem | Interior and exterior angles | 3D forms and volumes | Pythagoras and trigonometry |  | Trigonometry and pythagoras |
|  |  | Transformations | Plans and elevations |  | Transformations | Constructions/loci/ bearings |  | Vectors |
| Probability |  |  | Probability |  |  | Probability |  |  |
| Statistics | Information from tables | Collecting data and sampling |  | Charts and graphs | Averages |  | Pie charts |  |
|  |  |  |  |  |  |  | Scatter graphs |  |