Subject	Mathematics		
Year	**Term 1**	**Term 2**	**Term 3**
8	**Expressions and Equations** **Algebraic powers, expanding and factorising, solving equations** **Area and Volume** **Area of triangles, parallelograms, trapeziums. Volume and surface area, measures** **Statistics, Graphs and Charts** **Pie charts, stem and leaf, scatter graphs** **Additional Higher - Working with Indices, Plans and elevations, circumference and area of circles, Pythagoras theorem**	**Real-life Graphs** **Conversion, distance-time graphs an interpretation** **Decimals and Ratio** **Decimals, rounding, ratio** **Lines and Angles** **Parallel lines, interior and exterior angles** **Additional Higher - Proportion, Transformations, planes of symmetry, Constructions and Loci, Maps, Bearings, congruency and similarity.**	**Straight-line graphs** **Direct proportion, gradients, y=mx + c** **Calculating with Fractions and FDP** **FDP Conversion, Working with Fractions and Percentages, Mixed Numbers and Reciprocals** **Additional Higher - Parallel and perpendicular lines, probability and tree diagrams**