De La Salle School

9, 10 & 11 Foundation Mathematics Learning Journey

YEAR 9

- Integers & place value
- Decimals
- Fractions, decimals & percentages
- Indices, powers & roots
- Sequences
- Averages & range

YEAR 10

- Perimeter & area
- 3D shapes, volume & surface area
- Properties of 2D shapes, parallel lines & angle facts
- Percentages
- Fractions
- Representing & interpreting data
- Probability 1
- Ratio
- Proportion
- Equations
- Inequalities
- Formulae
- Circles
- Transformations
- Real life graphs
- Straight line graphs
- Statistics & sampling
- Scatter graphs
- Construction loci & bearings
- Probability 2

YEAR 11

- Exam preparation
- Trigonometry
- Simultaneous equations
- Quadratics: Expanding, factorising & solving
- Quadratic, cubic & reciprocal graphs
- Vectors
- Pythagoras
- Similarity & congruence in 2D
- Angles in a polygon
- Compound measures
- Percentages 2
- Indices & standard form