De La Salle School

9, 10 & 11 Foundation
Mathematics Learning Journey

YEAR 9

- Integers
- Decimals
- Indices, powers & roots
- Factors, multiples & primes
- Sequences
- Algebra: the basics
- Averages & range

YEAR 10

- Probability 1
- Ratio
- Proportion
- Formulae
- Equations
- Inequalities
- Transformations
- Circles
- Linear graphs
- Real life graphs
- Scatter graphs
- Statistics & sampling
- Probability 2
- Construction loci & bearings
- 3D shapes, volume & surface area
- Perimeter & area
- Polygons & angles 1
- Percentages 1
- Fractions, decimals & percentages
- Fractions
- Representing & interpreting data

YEAR 11

- Exam preparation
- Trigonometry
- Simultaneous equations
- Quadratics
- Quadratic, cubic & reciprocal graphs
- Vectors
- Pythagoras' Theorem
- Similarity & congruence
- Accuracy & bounds
- Angles 2
- Compound measures
- Percentages 2
- Indices & standard form