Department of Mathematics
FOUNDATION LEARNING JOURNEY

ST MARY'S COLLEGE

PER MARIAM AD JESUM

YEAR 11

- Algebra & Graphs
- Further Trigonometry
- Vectors
- Quadratics
- Measures
- Quadratic Graphs
- Rearranging & Identities
- Indices
- Direct & Inverse Proportion
- Probability
- Perimeter & Area
- Trigonometry

YEAR 10

- Calculating with Percentages
- Growth & Decay
- Polygons
- Circumference & Area
- Further Graphs
- Real-Life Graphs
- Inequalities
- Further Algebra
- Algebraic Representation
- Rates
- Standard Form
- Simultaneous Equations
- Revision
- Probability
- Testing Conjectures
- Constructions and Congruency
- Using Percentages
- Deduction
- Pythagoras

YEAR 9

- Three-Dimensional Shapes
- Numbers
- Maths and Money
- Rotation and Translation
- Enlargement and Similarity
- Solving Ratio and Proportion Problems
- Forming and Solving Equations
- Straight Line Graphs
- Line Symmetry and Reflection
- Measures of Location
- The Data Handling Cycle
- Multiplying and Dividing Fractions
- Representing Data
- Brackets & Equations & Inequalities
- Fractions and Percentages
- Number Sense

YEAR 8

- Working in the Cartesian Plane
- Tables and probability
- Indices
- Standard Index Form
- Angles in Parallel Lines and Polygons
- Area of Trapezia and Circles
- Multiplicative Change
- Ratio and Scale
- Prime Numbers and Proof
- Sets and Probability
- Equality and Equivalence
- FDP Equivalence
- Solving Problems with Multiplication & Division
- Operations and Equations with Directed Numbers
- Constructing & Measuring

YEAR 7

- Place Value and Ordering Numbers
- Solving Problems with Addition & Subtraction
- Fractions and Percentages of Amounts
- Addition and Subtraction of Fractions
- Developing Geometric Reasoning
- Developing Number Sense
- Algebraic notation
- Sequences