CURRICULUM MAP – Year 9

ST JAMES' CATHOLIC HIGH SCHOOL

HT1:	HT2:	Assessment Point: Summative or AFL	HT3:	HT4:	Assessment Point: Summative or AFL	HT5	HT6:	EOY Assessment Point
Unit 1 – Number **Product rule for counting** **Combinations** **Place value and estimation** **Using Venns for HCF/LCM** **Unit 2 – Algebra** **Further manipulation** **Using equations to problem solve** **Nth term (quadratic)** **Geometric and Fibonacci sequences)**	**Unit 3 – Data** **Time Series** **Frequency diagrams and polygons** **Estimate of the mean** **Reserve mean** **Two way tables** **Scatter graphs including predictions** **(CST Peace/P&V)** **Unit 4 – Calculating Space** **Volume and surface area of prisms** **Circles and sectors** **INTERLEAVING WEEK AND CAREERS IN MATHS** **(Revisit Units 1, 2 and 3 from Gap analysis)**	***HT1 & HT2*** HT 1 Assessment – testing knowledge of skills taught in Units 1 and 2 HT 2 Assessment – testing knowledge of skills taught in Units 3 and 4 AND interleaving of topics in units 1 and 2	**Unit 5 – Fractions, decimals, percentages, ratio and proportion** **4 operations with fractions,** **Problem solving with ratio (Bar Modelling)** **Percentage change** **Compound Interest and depreciation** **Convert recurring decimals to fractions** **(CST Care/ P&V)** **(CST Dignity)** **Unit 6 – Triangles** **Properties** **Pythagoras' Theorem** **Trigonometry**	**Unit 6 – Triangles** **Properties** **Pythagoras' Theorem** **Trigonometry** **(CST Solidarity)** **Unit 7 – Probability** **Frequency trees** **Sample Space Diagrams** **Tree diagrams** **Conditional probability** **Venn diagrams** **INTERLEAVING WEEKS AND CAREERS IN MATHS** **(Revisit Units 1-6 from Gap analysis)**	**HT3 and HT4 (with elements of HT1 and HT2)** HT 3 Assessment – testing knowledge of skills taught in Units 5 and 6 HT 4 Assessment – testing knowledge of skills taught in Unit 7 AND interleaving of topics in units 5 and 6	**Unit 7 – Probability (continued)** **Frequency trees** **Sample Space Diagrams** **Tree diagrams** **Conditional probability** **Venn diagrams** **Unit 8 –Shape** **Polygons** **Angles** **Properties of polygons** **Circle theorems**	**Unit 9a - Factorising** **Unit 9b – Algebraic Graphs** **Linear graphs** **Y=mx+c** **Distance time graphs** **Velocity time graphs** **Quadratic graphs** **Cubic Graphs** **Equation of a circle** **Unit 10 – Transformations (Include fractional and negative enlargement)** **INTERLEAVING WEEKS AND CAREERS IN MATHS** **(Revisit Units 1-9 from Gap analysis)**	**HT1 – HT6** HT 5 Assessment – testing knowledge of skills taught in Units 7 and 8 HT 6 Assessment – testing knowledge of skills taught in Units 1 and 10 **Number** **Algebra** Geometry and Measures **Ratio and Proportion** Handling Data

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