ROAD MAP OF THE MATHEMATICS CURRICULUM Revise: Statistics A Level Courses Mathematics **Mock Exams** Revise: **Further Mathematics** Calculator & Non-Geometry & **Level 3 Courses** Calculator Papers Mathematical Studies Measures Revise: Ratio. **Proportion &** Rates of Change Accountancy Revise: Actuary Engineer Algebra Doctor **Biochemist** Airline Pilot Unit 2: Unit 4: **Financial Services Further Sequences** Growth and Data Scientist (Higher Only) Y11 Christmas decay Mock Exams Y10 Mock Exams Calculator & Non-Non-Calculator & Calculator Papers Calculator Papers Unit 11: Circle geometry Unit 3: Non -Further Algebra Unit 1: Proportion Unit 10: Advanced linear graphs (Higher Only) Trigonometry Unit 9: Averages Unit 3: Ratio, and Statistical Unit 6: Vectors, Proportion diagrams Unit 1-4 Assessment transformations and Scale Unit 2: Equations, Non-Calculator and congruence drawing Inequalities and U1-8 Assessment Formula Calculator Unit 7: Data Unit 8: Circles, Unit 1: Right Handling cylinders cones Unit 7: Quadratic and Unit 5: Measures angled triangles Averages from and spheres Linear Simultaneous and real life Unit 4: Venn and Frequency equations graphs Y9 Assessment Tree diagrams tables (simple Calculator & Nonand grouped) Calculator Papers Probability -Unit 2: Tree and Venn Unit 3: Algebra Unit 5: Ratio Straight Line Number -Combining Ratios, Fractions and Graphs, Direct and Inverse Surds, Quadratic Proportion, Unit 6: Geometry Percentages Expressions. Compound Constructions. Y8 Assessment Quadratic Measures Pythagoras and Non-Calculator & Sequences Trigonometry. Calculator Papers Transformations Unit 4 Unit 7: Data Handling Algebra Averages and Spread Unit 1Number: Rearranging (Problems) Scatter HCF, LCM problems, Upper Formulae. Graphs, Pie Charts, and Lower Bounds, Laws of Assessment Assessment Non **Plotting** Indices - negative and Calculator Probability Sample regions with Calculator Space, two way tables, fractional, Standard Form Inequalities Frequency Trees Assessment Unit 2 Algebra: Calculator Unit 3: Number Coordinates and Roots, Indices and Unit 6: Geometry Graphs, Expanding Surds, Fractions and Interior and and Factorising Assessment Mixed Numbers, Exterior Angles, Brackets, Linear Non-Calculato Percentage Multipliers Parallel Lines, Sequences Y7 Assessment Compound Calculator & Non-Shapes, Circles, Calculator Papers 3D Shapes Unit 5 Ratio: Ratio, Unit 1Applied Mental and Written Unit 4: Algebra: Unit 7 Data Proportion Methods, Negative Numbers, Solving Equations with handling and Scale. variable on both sides, timetables Averages Compound Solving Inequalities and Spread, Measures Charts. Unit 6: Stem and Geometry Leaf, Properties of Unit 3 Number Probability Lines, Angles, Unit 2: Algebra Types of Number, Powers, Shapes, Area, **Baseline Numeracy** Algebraic Notation, Algebraic Manipulation Fractions, Percentage of Perimeter Assessment (Brackets), Patterns and Sequences **Amounts** Calculator Unit 5 Ratio Unit 1: Number Fraction Calculations. Unit 4 Algebra Factors, Multiples, Place Value, Written Assessment Simplify and Share, Solving Linear Methods, Negative Numbers, Time Non-Calculator **Applications** Equations **Confident Mathematicians and Creative Problem Solvers**