ROAD MAP OF THE MATHEMATICS CURRICULUM Revise: Statistics A Level Courses Y11 Easter Mathematics **Mock Exams** Revise: **Further Mathematics** Calculator & Non-Level 3 Courses Geometry & Calculator Papers Mathematical Studies Measures Revise: Ratio, **Proportion &** Rates of Change Accountancy Revise: Actuary Number & Engineer Algebra Doctor **Biochemist** Airline Pilot Unit 2: Unit 4: **Financial Services Further Sequences** Growth and Data Scientist Y11 Christmas (Higher Only) decay **Mock Exams** Y10 Mock Exams Calculator & Non-Non-Calculator & Calculator Papers Calculator Papers Unit 11: Circle Further Algebra geometry Unit 3: Non -Unit 1: Proportion linear graphs (Higher Only) Unit 10: Advanced 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 Constructions, Percentages Expressions. Compound 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 HCF, LCM problems, Upper (Problems) Scatter Formulae, Assessment Graphs, Pie Charts, and Lower Bounds, Laws of Assessment Non **Plotting** Calculator Probability Sample Indices - negative and Calculator regions with fractional, Standard Form Space, two way tables, 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 Assessment and Factorising Mixed Numbers, Exterior Angles, Brackets, Linear Non-Calculator Percentage Multipliers Parallel Lines, Sequences 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, handling Solving Equations with and Scale, timetables variable on both sides. 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**