Mathematics Intermediate Pathway - Curriculum Overview - 2023-2024

| Year Group | Autumn Term | Spring Term | Summer Term |
| :---: | :---: | :---: | :---: |
| 7 | Unit 1: Expressions \& Formulae <br> Unit 2: <br> Area \& Perimeter <br> Unit 3a: Manipulating Number <br> Unit 3b: Number Calculations <br> Unit 4: <br> Factors, Multiples, Primes | Unit 5: <br> Angles \& 2D shapes <br> Unit 6: <br> Fractions Decimals and Percentages <br> Unit 7: Ratio \& Proportion <br> Unit 8: Equations \& Formulae | Unit 9: <br> Fractions <br> Unit 10: Transformations <br> Unit 11: Sequences <br> Unit 12a: Averages <br> Unit 12b: Interpret Charts and Graphs |
| 8 | Unit 1: Area \& Perimeter Unit 2a: Manipulating Number Unit 2b: Number Calculations Unit 3: Angles in parallel lines | Unit 4: Fractions, Decimals, Percentages <br> Unit 5: Expressions \& Formulae <br> Unit 6: Factors, Multiples, Primes <br> Unit 7: Equations \& Formulae | Unit 8: Fractions - multiplication \& division <br> Unit 9: Constructions <br> Unit 10: Straight line graphs |
| 9 | Unit 1: Represent \& interpret data <br> Unit 2: Percentages <br> Unit 3: Angles in polygons <br> Unit 4: Pythagoras' Theorem | Unit 5: Sequences <br> Unit 6: Compound measures <br> Unit 7: Perimeter, area and volume | Unit 8: Similar shapes <br> Unit 9: Trigonometry <br> Unit 10: Ratio \& proportion <br> Unit 11: Probability |


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| 10 | H01a: <br> Calculations, Checking \& Rounding <br> H01b: Indices <br> H01c: <br> Factors, multiples, primes, standard form \& surds <br> H02a: Algebra the basics <br> HO2b: <br> Sequences <br> H03a: <br> Averages and the Range <br> H03b Representing \& Interpreting <br> H04a: <br> Fractions \& Percentages <br> H04b: <br> Ratio \& Proportion | H05a: <br> Polygons, Angles \& Parallel Lines <br> H05b: <br> Pythagoras \& Trigonometry <br> H06a: Graphs the Basics and Real-Life Graphs <br> H06b: Linear Graphs and Coordinate Geometry <br> H06c Quadratics, Cubics and Other Graphs | H07a: Perimeter, Area and Circles <br> H07b: 3D forms and Volume, Cylinders, Cones and Spheres <br> H07c: Accuracy and Bounds <br> H08a: Transformations <br> H08b: Constructions, Loci \& Bearings |



## Weekly Extra-Curricular Provision:

Sparx Maths Club

