

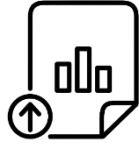
Oakfield High School Maths Curriculum Map



GCSE

Probability and Statistics

- The Probability Scale
- Probability Experiments
- Theoretical Probabilities
- Tables, Bar Charts and Pictograms
- Line Graphs
- Pie Charts
- Correlation
- Averages and Range



ENTRY LEVEL

Perimeter, Area and Volume Transformations

- Perimeter
- Area
- Volume
- Reflection
- Rotation
- Translation
- Enlargement



Angles and Shapes Constructions

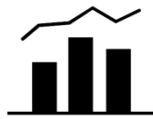
- 2D Shapes
- Properties of 3D Shapes
- Angle Rules
- Angles in Polygons
- Measuring and Drawing
- Constructing Triangles



YEAR
9

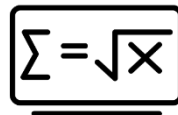
Sequences Graphs and Equations

- Term to Term Rules
- Position to Term Rules
- Coordinates
- Plotting Graphs
- Interpreting Graphs



Units and Scales Algebraic Expressions

- Time
- Money
- Units and Measuring
- Maps and Scale Drawings
- Expressions
- Simplifying Expressions
- Expressions with Brackets



- ### Equations Formulas
- Solving Equations
 - Writing Formulas
 - Substituting into a Formula

YEAR
8

Year 7 Math week



Fractions and Percentages Ratio and Proportion

- Equivalent Fractions
- Adding and Subtracting Fractions
- Multiplying and Dividing Fractions
- Changing Fractions to Decimals and Percentages
- Percentages of Amounts
- Percentage Change
- Comparing Qualities
- Ratio and Proportion



YEAR
7

Powers Multiples Factors and Primes

- Powers
- Roots
- Multiples
- Prime factors
- Prime Numbers



Numbers and Arithmetic Approximations

- Place Value and Ordering
- Addition and Subtraction
- Multiplication and Division
- Calculations with Negative Numbers
- Calculators, BODMAS and Checking
- Rounding
- Estimating

