MATHEMATICS LEARNING JOURNEY

Y11

- Gradients & Lines
- Non-linear Graphs
- Using Graphs
- Expanding & Factorising
- Changing the Subject Functions
- Multiplication Reasoning
- Geometric Reasoning
- Algebraic Reasoning
- Transforming & Constructing
- Listing & Describing Show That
- Revision & Exams

Y10

- Algebraic Manipulation
- Equations, Inequalities & Formulae
- Quadratic Expressions & Equations
- Percentages
- Ratio & Scale
- Work With Fractions
- Non-calculator Methods
- Straight Line Graphs
- Probability
- Rounding & Estimation
- Perimeter, Area & Volume
- Interpret & Represent Data
- Non-linear Graphs
- Angles
- Graphs & Diagrams
- Vectors
- Factors & Powers
- Pythagoras' Theorem & Trigonometry
- Simultaneous Equations

Y9

- Straight Line Graphs
- Forming & Solving Equations
- Testing Conjectures
- Three-dimensional Shapes
- Constructions & Congruency
- Numbers
- Using Percentages
- Maths & Money
- Deduction
- Rotation & Translation
- Pythagoras' Theorem
- Enlargement & Similarity
- Solving Ratio & Proportion Problems
- Rates
- Probability
- Algebraic Representation Revision

Y8

- Ratio
- Proportion & Scale
- Algebraic Manipulation
- Coordinates & Graphs
- Multiply & Divide Fractions
- Symmetry & Reflection
- Area, Volume & Density
- Equations & Inequalities
- Percentages
- Indices
- Standard Form
- Interpret & Represent Data
- Angles in Parallel Lines & Polygons
- Tables & Probability
- Circles
- Graphs & Charts
- Sequences

Y7

- Sequences
- Algebraic Notation & Substitution
- Expressions & Equations
- Place Value, Ordering & Rounding
- Four Operations
- Averages & Range
- Rounding & Estimation
- Graphing Data
- Fractions, Decimals & Percentages
- Directed Number
- Fractions & Percentages of Amounts
- Perimeter & Area
- Speed, Distance & Time
- Properties of Number
- Add & Subtract Fractions
- Angles & Polygons

Y6

- Number & Place Value (Within 10,000,000)
- Addition & Subtraction (Whole Numbers & Problems)
- Multiplication & Division
- Fractions & Decimals
- Decimals & Percentages
- Algebra
- Ratio
- Measurement – Converting Units
- Measurement – Perimeter, Area & Volume
- Geometry – Position & Direction
- Geometry – Properties of Shape
- Statistics
- Investigations

Y5

- Number and Place Value (within 1,000,000)
- Addition & Subtraction (Above 4 digits)
- Multiplication & Division
- Fractions
- Decimals & Percentages
- Measurement – Perimeter, Area & Volume
- Geometry – Properties of Shape
- Geometry – Position & Direction
- Measurement – Converting Units
- Statistics

Y4

- Number & Place Value (Within 10,000)
- Addition & Subtraction (Within 10,000)
- Multiplication & Division (6x, 7x, 9x, 11x, 12x)
- Measurement – Money
- Fractions & Decimals
- Measurement – Length, Perimeter & Area
- Geometry – Position & Direction
- Geometry – Properties of Shape
- Measurement –Time
- Statistics

Y3

- Number & Place Value (Within 1,000)
- Addition & Subtraction (Within 1,000)
- Multiplication & Division (3x, 4x, 8x)
- Measurement – Money
- Fractions
- Geometry – Properties of Shape
- Measurement – Money
- Measurement - Length & Perimeter
- Measurement - Mass & Capacity
- Statistics

Y2

- Number & Place Value (Within 100)
- Addition & Subtraction (Within 100)
- Measurement – Money (Including Addition & Subtraction)
- Multiplication & Division (2x, 5x, 10x)
- Fractions
- Measurement - Length & Height
- Geometry – Properties of Shape
- Geometry – Position & Direction
- Measurement - Mass, Capacity & Temperature
- Measurement - Time
- Statistics

Y1

- Number & Place Value (within 10)
- Addition S Dubtraction (within 10)
- Number & Place Value (within 20)
- Geometry – Properties of Shape
- Addition & Subtraction (within 20)
- Number & Place Value (within 50)
- Measurement – Heights/Weight/Volume/Capacity
- Geometry – Position & Direction
- Multiplication & Division Fractions
- Number & Place Value (within 100)
- Measurement – Money
- Measurement - Time

EYFS

- Counting to 10
- Number Composition to 5
- Narrating the Pattern of the Day
- Positional Language - 3D Shapes
- Measure
- Substituting
- Linear Patterns
- Counting to 20
- Number Composition to 10
- Narrating the Pattern of the Week
- Number Bonds to 5
- 2D Shapes
- Substituting to 5
- Doubles/Halves
- Number Bonds to 10
- 2D & 3D Shapes
- Measure
- Complex Linear Patterns

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