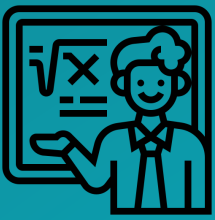


MATHEMATICS LEARNING JOURNEY



- AS/A Level Maths
- Apprenticeship
- College

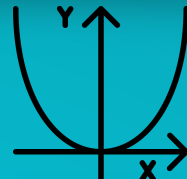
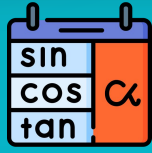
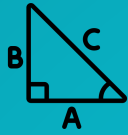
Bespoke Revision

- Collecting and displaying data
- Analysis of data and graphs
- Algebraic inequalities
- Transformations of functions

Spring

- Congruence and similarity
- Trigonometry and circle theorems
- Further Pythagoras
- Proportion
- Growth and decay

Autumn



- Percentages
- Bearings
- Compound measures

- Formulae
- Area and perimeter
- Pythagoras
- Straight-line graphs

Spring

- Non-linear graphs
- Trigonometric graphs
- Plans and elevations
- Volume and surface area

Summer

- Surds
- Calculations with standard form
- Vector geometry
- Transformations



Autumn

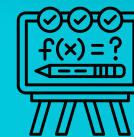
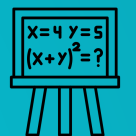
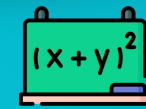


- Angles in polygons
- Algebraic fractions
- Decimals - terminating and recurring

Summer

- Simultaneous equations
- Properties of shapes and solids
- Constructions and loci
- Quadratic expressions

Spring



- Algebraic expressions
- Linear functions and solving



Summer

- Metric units
- Standard form
- Significant figures
- Fractions and percentages



- Data handling cycle
- Averages and spread
- Scatter diagrams

Autumn

- Calculator skills
- Whole number theory

$\pi = 3.14$



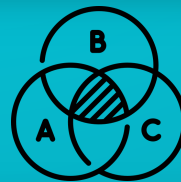
- Brackets, equations and inequalities
- Using sequences
- Laws of indices

- Using the cartesian plane
- Representing data
- Probability

Spring

- Ratio and scale
- Conversions and scale diagrams
- Multiply and divide with fractions

- Working with directed number
- Add and subtract fractions

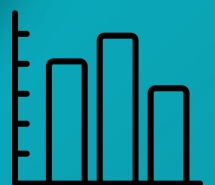


Autumn

Summer

- Angles and properties of shape
- Geometric constructions
- Representing data

- Venn diagrams and simple set notation
- Primes, factors and multiples



- Fractions and percentages of an amount
- Using the four operations

Spring

- Fractions, decimals and percentages
- Place value, integers and decimals.

- Sequences
- Introduction to algebra
- Understand equality and equivalence

Autumn

