Beamont Collegiate Academy

MATHEMATICS CURRICULUM JOURNEY

<u>Where can Maths take you</u>?

- Accountancy
- Investment Banking
- Data Analysist
- Engineering
- Architecture
- Research Scientist
- Software Engineer

Results Day

GCSE Examinations

Gap Teaching

PPE 2

Statistics 2

Advanced Trigonometry

Circle Theorems

Ratio & Proportion 3

Algebra 4

PPE 1

Problem Solving with Volume

Y10 PPEs

Applications of Probability

YEAR 11

Similarity & Congruence

Ratio & Proportion 2

Pythagoras & Trigonometry

Problem Solving with Area

Algebra 3

Ratio & Proportion 1

Percentages

Working with Fractions

Algebra 2

Statistics 1

Angles Reasoning & <u>Circle Theorems</u>

Using and Applying Standard Form

Algebra 1

YEAR 10

Statistical Analysis

Probability

Linear and Non-Linear Graphs

Pythagoras

Angles & Bearings

Proportion & Compound Measure

Ratio

Further Percentages

Number

Transformations

Circles

Forming & Solving Equations

Algebraic Expressions

Standard Form

YEAR 9

Linear Graphs

Sequences

Statistical Analysis

Working with Percentages

Applying Ratio

Fractions & Mixed Numbers

Expressions & Formulae

Volume of 3D Shape

Compound Area

Angles

Proportion

Developing Probability

Solving Linear Equations

Rules of Indices

Speed Distance Time

YEAR 8

Congruency

Working with Co-ordinates

Introducing Probability

Understanding Fractions

Decimals & Measure

Calculating Percentages

Powers & Roots

Sequences

Measures of Average

Introduction to Linear Equations

2D Shape

3D Shape

Understanding Ratio

Introduction to Algebra

Geometric Understanding

YEAR 7

PRIMARY SCHOOL