MATHS CURRICULUM JOURNEY

Where can Maths take you?

- ✓ Accountant
- ✓ Bank Manager
- ✓ Teacher
- ✓ Financial Planner
- ✓ Project Planner
- ✓ Armed Forces
- ✓ Graphic Designer
- ✓ Game Designer
- ✓ Architect
- ✓ Engineer
- ✓ Architect
- ✓ Draftsman

GCSE Examinations

Pre-calculus

Gradients and rates of change

Cricle theoroms

Sine and cosine rule

Transforming functions

Vecxtors

POST 16

Probability

Volume

Algebra, quadratics and identities

Scatter graphs

Inequalities

Pythagoras Theorem

Simultaneous Equations

Equations and graphs

Proportion

Trigonometry

Growth and decay

Mock exams

Mock exams

Constructions and loci

Statistical measures

Measures

2D representations

Congruence and similarity

Transformations

Probability

Standard form

Indices and surds

Equations

Polygons

Real life graphs

Ratio and proportion

Perimeter, Circumference And Area

Percentages

Sequences

Collecting and Representing data

Rounding

Coordinates and Graphs

Fractions and decimals

Scale diagrams

Angles

Algebra

Factors and multiples

Basic Number

GCSE year 2

GCSE year 1

White Rose Summer Test & TA (Y9)

Algebraic Representation

Probability

Rates

Ratios & Proportion

Enlargement & Similarity

Mock exams

Functional skills exams

Mock exams

Ability related work set through assessment.

Interventions based on needs

Low numbers cohort

White Rose Autumn Test & TA (Y8)

Data Handling

Measures of Location

Forming & Solving equations

3D Shape

Numbers

Money

Translation

White Rose Spring Test & TA (Y9)

Area of Trapezia/Circles

Symmetry

White Rose Summer Test & TA (Y8)

Straight Line Graphs

Testing Conjectures

Construction/congruency

Percentages

Deduction

Pythagaros

Angles in Parallel Lines & Polygons

White Rose Spring Test & TA (Y8)

Algebraic Sequences

White Rose Autumn Test & TA (Y8)

Tables & Probability

Cartesian Plane

Ratio & Scale

Ability related work set through assessment.

Low numbers cohort

Interventions based on needs

White Rose Summer Test & TA (Y7)

Developing Number

Standard Index Form

Fractions & Percentages

Brackets, equations & equalities

Representing data

Multiply & Divide Fractions

Multiplictive Change

Sets & Probability

Prime numbers & Proof

Ability related work set through assessment.

Low numbers cohort

High level of adult support

Sequences

Equality & equivalence

Fraction, decimal & percentage equivalence

White Rose Autumn Test and TA (Y7)

Multiplication & Division

Operations & Equations

Geometric Reasoning

Developing number sense

Measuring & geometric notation

Gradual timetable with core subjects.

On entry testing for current ability: Reading/Spelling

algebraic notation

ordering integers & decimals

Addition & Subtraction

Fractions & Percentages

Addition & subtraction of fractions

White Rose Spring Test and TA (Y7)

Learning Mentor Induction: completing pen portrait and Behaviour Risk Assessment

Parent meeting/ liaise with mainstream to discussing previous academic achievement.

Panel Meeting with SENCO and Head Teacher to assess need of student

REFERRAL

Number

Ratio and proportion

Algebra

Probability

Shape, space and measure

Assessment

Handling data

SUBJECT KEY