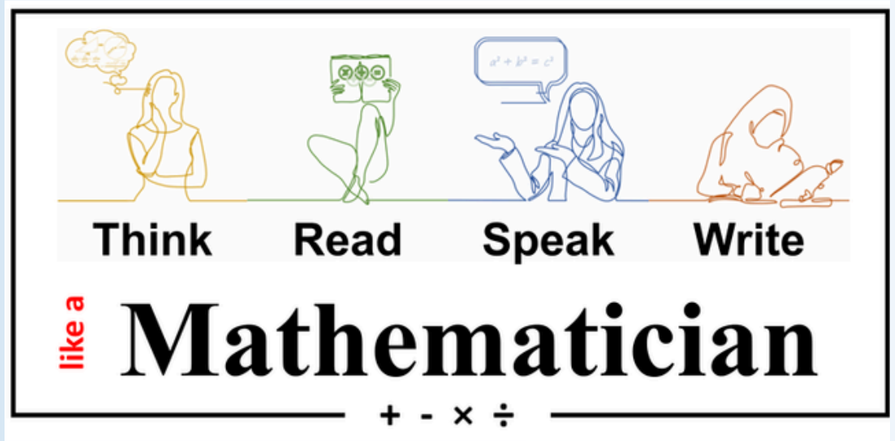
FOUNDATION MATHS LEARNING JOURNEY

SARAH BONNELL SCHOOL

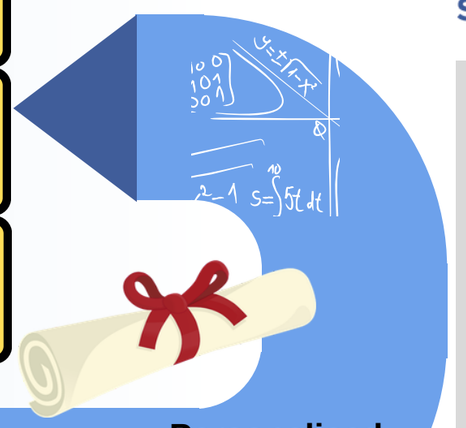
Our **mastery style** of teaching and learning encourages students of all ages and abilities to…



Mathematics in context

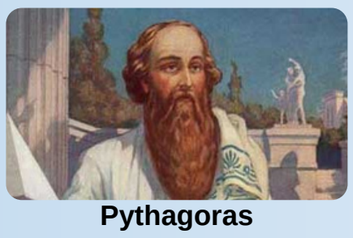
Vocational courses

A Level Business Studies



Personalised scheme of learning

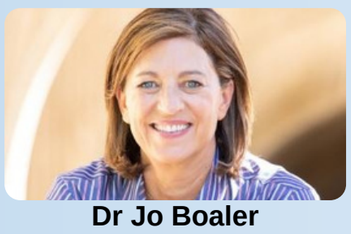
Enrichment Calendar



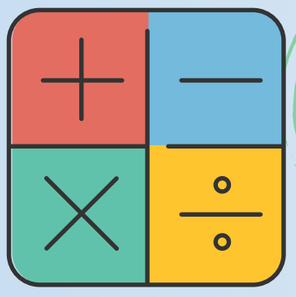
Pythagoras



Muhammad Ibn Musa Al-Khwarizmi



Dr Jo Boaler

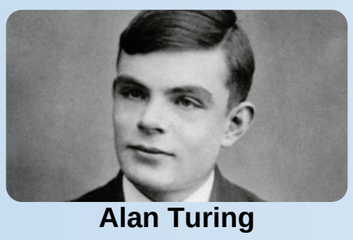




Ada Lovelace



Terence Tao



Alan Turing

Algebra

Reasoning

Revision and communications

Graphs

YEAR 11

Using number and expressions

Delving into Data

Investing your money

Speed, Density and rates of pay

Proportions and proportional change

Similarity and Trigonometry

Equations and simultaneous equations

Geometry

YEAR 10

Statistics and probability

Reasoning with proportion

Reasoning with geometry

Reasoning with number

Pie chart, bar graph, frequency tables

Developing geometry

Reasoning with data

YEAR 9

Reasoning with algebra

Constructions and congruence

Developing number

Algebraic techniques

Representations

Proportional reasoning

YEAR 8

Developing number sense

Exploration Project

Place Value, Fractions, Decimal & Percentages

Solve problems with

Directed numbers and fractional thinking

Developing geometric thinking

YEAR 7

Prior KS2 Knowledge

Number Bonds. Place value. Multiplication & Division. Measurement. 2D shapes. Some Algebra

Key Topics

Weekly Enrichment Sessions

Academic Mentoring Clinics

Further Mathematics Level 3 Qualification

Summer Term

Number Week

UKMT Junior Maths Challenge

Spring Term

International Pi Day

UKMT Senior Maths Challenge

STEAM Day

Autumn Term

UKMT Team Maths Challenege