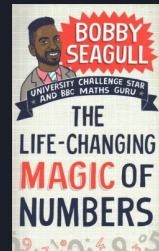
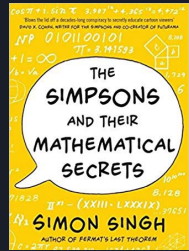
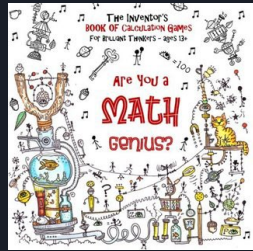


Year 11-F Mathematics



Reading Books

Number and Sequences

Patterns in number, number sequences, finding the n th term of a linear sequences, special sequences,



Right-angled Triangles

Pythagoras theorem, applying Pythagoras theorem in real-life situations and to isosceles triangles, trigonometric ratios to calculate lengths and angles, non calculator strategies, trigonometry and bearings and isosceles triangles.



Congruency and Similarity

Showing that two triangles are congruent, working out the scale factor for two similar shapes, working out the lengths of sides in similar shapes.



Revision and November Mock Exams

1 x Non-Calculator Paper
2 x Calculator Papers



Combined events

Working out the probabilities for two or more events, two-way tables, Venn diagrams, frequency tree diagrams, probability tree diagrams.



DID YOU KNOW?

Markings on animal bones indicate that humans have been doing maths since around 30,000BC.



Powers and Standard form

Calculating with powers, writing numbers in standard form, calculating with numbers in standard form.



Simultaneous Equations and Linear Inequalities

Solving simultaneous equations algebraically, solving a linear inequality and representing the solution on a number line

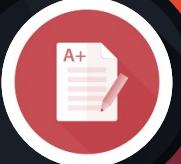


Non-linear Graphs

Distance-time graphs, velocity-time graphs, plotting quadratic graphs, solving quadratic equations by factorisation, significant points of a quadratic curve, cubic and reciprocal graphs.

Revision and Spring Mock Exams

1 x Non-Calculator Paper
2 x Calculator Papers



GCSE Exams

1 x Non-Calculator Paper
2 x Calculator Papers

DID YOU KNOW?

The human brain is made up of more neurons than there are stars in the galaxy – over 100 billion. Pathways in your brain are rewired second to second as you learn to do new things.



2024-25