

Year 8 Mathematics

Introduction lesson

DID YOU KNOW?

People who were good at maths as young children go on to earn more than other similar children by the time they are 30, a study has found.

Source: BBC NEWS

Representations

Working in the Cartesian Plane, Representing Data, Tables & Probability



DID YOU KNOW?

The famous NBA 24 second shot was created using an algebraic equation

Algebraic Techniques

Brackets, Equations & Inequalities, Sequences, Indices



Developing Geometry

Angles in Parallel Lines & Polygons, Area of Trapezia & Circles, Line Symmetry & Reflection

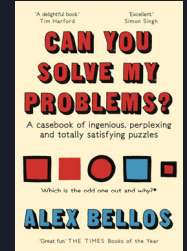
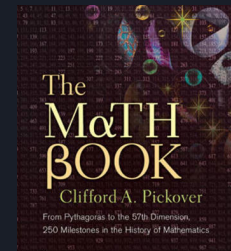


Reasoning with Data

The Data Handling Cycle & Measures of Location

DID YOU KNOW?

A new baby usually deprives each of its parents around 350-400 hours of sleep in the first year. If left alone, 70% of birthmarks gradually fade away. The human eye blinks an average of 4,200,000 times a year



Reading Books

Proportional Reasoning

Ratio & Scale, Multiplicative Change, Multiplying & Dividing Fractions



DID YOU KNOW?

The line that separates the numerator from the denominator in a fraction is called the vinculum

Mid-Year Test

Calculator and non-calculator paper

DID YOU KNOW?

Percentage are used regularly in Finance, for example; Compound interest will make a deposit or loan grow at a faster rate than simple interest

Developing Number

Fractions & Percentages, Standard Index Form, Number Sense



End of year Test



DID YOU KNOW?

Global population is approximately 7.5 billion
UK population is approximately 66 million
London population is approximately 10 million

End of year review and consolidation

