

# Year 7 Mathematics

## Baseline Test

Mental test and reasoning paper  
Introduction to MathsWatch

**MATHS SETS ASSIGNED**

## Algebraic Thinking

Sequences, Algebraic Notation,  
Equality & Equivalence

### DID YOU KNOW?

Learning algebra helps to develop your critical thinking skills. This includes problem solving, logic, patterns, and reasoning. You need to know algebra for many professions, especially those in science and maths.



## Mid-Year Test

Non-calculator and calculator paper



## Fractional Thinking

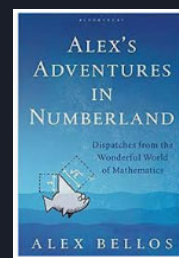
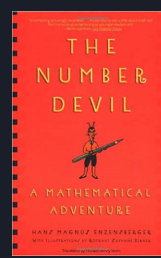
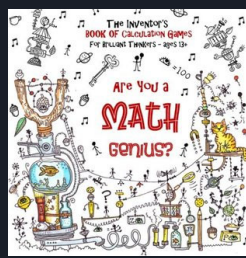
Addition & Subtraction of Fractions



### DID YOU KNOW?

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

## End of year test



## Reading Books



## Directed Numbers

Four Operations with Directed Numbers

### DID YOU KNOW?

A googol is the large number  $10^{100}$ . In decimal notation, it is written as the digit 1 followed by one hundred zeroes.

## Place Value & Proportion

Place Value & Ordering Integers & Decimals, FDP Equivalence



## Application of Number

Solving Problems with Addition & Subtraction, Solving Problems with Multiplication & Division, Fractions & Percentages of Amounts



## Lines & Angles

Constructing, Using and Measuring Geometric Notation, Developing Geometric Reasoning



## Reasoning with number

Developing numbers Sense, Sets & Probability, Prime Numbers & Proof

