



Year 8 Mathematics LTP



Autumn 1

Topic: Number System

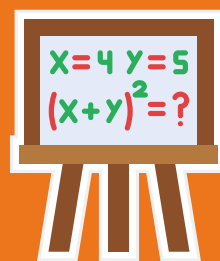
Why it's taught: Rounding, Estimation, calculations involving estimation, Different types of numbers, multiples, factors, HCF and LCM



Autumn 2

Topic: Algebra

Why it's taught: To explore and manipulate equations and formulae, consolidate the work earlier completed on algebra.



Spring 1

Topic: Number

Why it's taught: To extend understanding of applying the four operations to non-integer values, including fractions and percentages. Percentage of an amount, problems involving percentage change, compound interest and simple interest
To develop and use formal mathematical knowledge to interpret and solve problems including in financial mathematics.



Spring 2

Topic: Probability

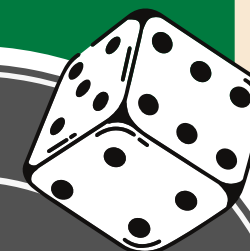
Why it's taught: To record, describe and analyse the frequency of outcomes of simple probability experiments, using appropriate language and representation.



Summer 1

Topic: Geometry and Measures

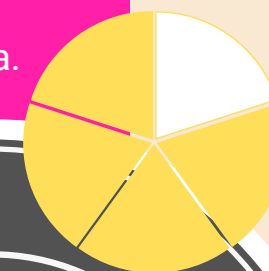
Why it's taught: Conversion between metric and imperial units, Different types of angles facts and find missing angles of different polygons



Summer 2

Topic: Ratio, Proportion and Handling data

Why it's taught: To develop deeper conceptual understanding of ratio and proportion.
To build on the knowledge with representing and organising data.



Learn

Achieve

Together