The national curriculum for mathematics aims to ensure that all pupils:

- become fluent in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- can solve problems by applying their mathematics to a variety of routine and nonroutine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

Year 7

SATs preparation
Geometry
Statistics
Ratio
Perimeter, Area & Volume
Converting Units
Algebra
Percentages
Decimals

Year 6

Position & Direction
Converting Units
Volume
Place Value
Addition, Subtraction, Multiplication & Division
Fractions
Position & Direction
Geometry
Decimals
Decimals & Percentages
Fractions

Year 5

Multiplication & Division
Perimeter & Area
Multiplication & Division
Statistics
Addition & Subtraction
Place Value
Position & Direction
Geometry
Time
Money

Year 4

Place Value
Addition & Subtraction
Length & Perimeter
Multiplication & Division
Area
Fractions
Decimals
Mass & Capacity
Geometry
Time

Year 3

Fractions
Length & Perimeter
Money
Multiplication & Division
Addition & Subtraction
Place Value
Mass, Capacity & Temperature
Time
Position & Direction
Length & Height
Fractions

Year 2

Place Value (within 100)
Money
Time
Place Value
Addition & Subtraction
Money
Multiplication & Division
Statistics
Geometry
Position & Direction
Fractions
Multiplication & Division
Weight & Volume
Length & Height

Year 1

Addition & Subtraction (within 20)
Place Value (within 20)
Geometry
Addition & Subtraction (within 10)
Place Value (within 10)
Number & Numerical Patterns

EYFS