

## Autumn 1

**Area of focus:** number,

**Assessment:** 10 questions – ordering decimals, rounding, column addition, subtraction, multiplying, decimals, word problems, negative numbers, factors, multiples square number, prime number,

**Key skills focus:** 4 operations, decimals understanding, multiplication,

**Coverage:** rounding, calculation, square root, cubes, HCF, LCM, mental maths, formula of a , square root, multiples, rules of column addition & subtraction, primes,

## Autumn 2

**Area of focus:** Statistics, graphs and charts,

**Assessment:** 10 questions – find the mean, mode, range, interpret pie chart, frequency table, stem and leaf diagram, bar chart, distance-time graph, line graphs

**Key skills focus:** interpret graphs, draw and interpret data, find mode, median, mean and range, draw scatter graphs,

**Coverage:** pie charts, frequency table, stem and leaf diagrams, Averages for graphs and tables,

## Spring 1

**Area of focus:** Algebra & 4 operations

**Assessment:** Enquiry Quiz 10 questions – Expressions, simplify equations, one step equations, two step equation, area of a triangle, area of a rectangle, area of compound shapes, volume of cube, 2d representation of 3D shapes, surface area of a cube,

**Key skills focus:** equation formulas, rules of area, volume,

**Coverage:** expressions, areas of shapes including compound, volumes of shapes,

## Spring 2

**Area of focus:** lines & angles and shape

**Assessment:** Enquiry Quiz 10 questions – quadrilaterals, angles, corresponding angles, exterior angles, interior angles, geometric problem, addition, subtraction, dividing, multiplication

**Key skills focus:** classify quadrilaterals, identify alternate angles, corresponding angles, 4 operations,

**Coverage:** quads, angles, operations, parallel lines, exterior angles, interior angles, geometric problems,

## Summer 1

**Area of focus:** Fractions, decimals,

**Assessment:** Enquiry Quiz 10 questions – Ordering fractions, equivalent fractions, simplifying fractions, adding fractions, subtracting fractions, multiplying fractions, dividing fractions, calculating mixed numbers, equivalent decimals to fractions, order fractions by converting to decimals,

**Key skills focus:** identify fractions, add and subtract fractions, multiplying fractions, dividing,

**Coverage :** fractions, ordering, 4 operations, improper fractions,

## Summer 2

**Area of focus:** Percentages & ratio

**Assessment:** Enquiry Quiz 10 questions – Percentages, percentage of amounts, percentage word problems, ratio, ratio linked to fractions, representation of ratio, dividing ratio, solving problems with ratio, simplifying ratio

**Key skills:** finding equivalent fractions, percentages of amounts, , writing percentages,

**Coverage :** understanding ratio, percentages of amounts, ratio linked with fractions, dividing ratio

