



Hexham Middle School KS2 Maths



Skills taught across Maths

- Problem solving skills
- Communication skills
 - Mental Maths
 - Using a calculator
 - Reading skills
 - Teamwork
- Organisational skills
- Time management skills



Introduction to calculator skills

Year 7 transition

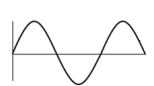
Consolidation of year 6 topics

Find the mean value

Statistics

Interpreting graphs, charts and timetables

Construct simple pie charts



Position and direction in all four quadrants

Nets of 3D shapes and know features of a circle

Constructions of shapes

Understand substitution and formulae

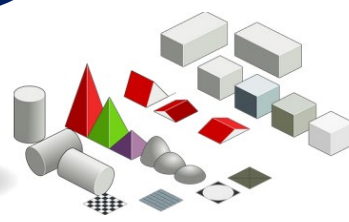
Algebra

Compare ratio and fractions



Ratio

Reflection and translation



Adding and subtracting fractions with different denominators and mixed numbers

Angle reasoning and problem solving

Geometry

Understand what an expression and equation is

Understand scale factors

Geometry

Volume of cubes and cuboids



Calculating percentages of amounts

Decimals and percentages

Measures

Area and perimeter of shapes including triangles and parallelograms

Recap and long division

Multiplication and division of fractions

Fractions

Calculations

Fractions

BIDMAS

Recap factors, multiples and primes

Numbers to 10,000,000 including negatives

Bar models and problems

Introduction to algebra through missing numbers

B6 Inheritance, variation and evolution

YEAR 6

Place value

Multiples of 1000

Rounding numbers

Adding and subtracting of whole and negative numbers



Interpreting charts and line graphs

Statistics

Percentages problem solving

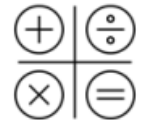
%

Finding percentages of amounts

Decimals and percentages

Properties of shapes

Measuring and drawing angles



Crossing the zero boundary

Negative numbers

Angles on a straight line and around a point

Types of angles

Reading tables and timetables



Fraction problem solving

Fraction of an amount

Multi step area problems

Compound and rectilinear shapes

Short division

Multiplication and division

YEAR 5



welcome

Fractions

Multiplying fractions by integers

Area

Short and long multiplication

Adding and subtracting fractions



Perimeter

Mental methods

Negative number

Ordering numbers

Place Value

Rounding numbers

Comparing numbers

Addition and Subtraction

Formal calculations

Rectilinear and compound shapes

Multiples, factors, primes, square and cube numbers

