

Autumn 1

Area of focus: Place Value, addition and subtraction

Assessment: Numbers to 1,000,000, read and write numbers to 10,000,000, Powers of 10, Number line to 10,000,000, Compare and order any integers, Round any integer, Negative numbers, add and subtract integers, Common factors,

Key skills focus: place value, ordering numbers, rounding, understanding negative numbers, number line, adding/subtracting methods, multiplication facts

Key vocab: numbers, place value, number line, compare, powers, rounding, negative numbers, powers of 10, factors,

Spring 1

Area of focus: measurements, ratio, algebra, Retrieval: Number

Assessment: Metric measures, Convert metric measures, Calculate with metric measures, Miles and kilometers, Imperial measures, Add or multiply, use ratio language, Introduction to the ratio symbol, Ratio and fractions, Scale drawing, function machines. 2-step function machines, Form expressions, Substitution, Formulae, Form equations

Key skills focus: measuring, understanding increments, multiplying and dividing by 10, 100, 1000, Dividing and multiplying for ratio,

Key vocab: measure, convert, add, multiply, formulae, equations, expressions, function, ratio, fractions,

Summer 1

Area of focus statistics, shape, geometry, Retrieval: Algebra

Assessment: Line graphs, 2 Dual bar charts, Read and interpret pie charts, Pie charts with percentages, Draw pie charts, Measure and classify angles, Calculate angles, Vertically opposite angles, Angles in a triangle, Angles in a triangle – special cases Angles in a triangle – missing angles (algebra), Angles in a quadrilateral, The first quadrant, Read and plot points in four quadrants, Solve problems with coordinates, Translations, Reflections

Key skills focus: Interpreting data, presenting data in a variety of ways, describing movements, solving a range of problems,

Key vocab: interpret, percentages, angles, quadrilateral, quadrant, translations, reflections, calculate, vertical, angles, pie charts,

Autumn 2

Area of focus: multiplication, division, fractions, Retrieval: 4 operations

Assessment: Common multiples, Rules of divisibility, Primes to 100, Square and cube numbers, Multiply up to a 4-digit number by a 2-digit number, Solve problems with multiplication, Short division, Division using factors, Introduction to long division, Equivalent fractions and simplifying, Equivalent fractions on a number line, Compare and order (denominator) Compare and order (numerator) Add and subtract simple fractions

Key skills focus: multiplication focus, dividing, rules of multiplication, estimation, comparing, simple division facts,

Key vocab: multiples, square and cube numbers, multiply, division, estimation, fractions

Spring 2

Area of focus: decimals, fractions, decimals and percentages, Retrieval: Fractions

Assessment: Place value within 1, Place value – integers and decimals, Round decimals, Add and subtract decimals, Multiply by 10, 100 and 1,000, Divide by 10, 100 and 1,000, Decimal and fraction equivalents, Fractions as division, Understand percentage, Fractions to percentages, Equivalent fractions, decimals and percentages,

Key skills focus: place value, multiplying & dividing, Decimal and fraction equivalents,

Key vocab: decimals, multiplying, rounding, equivalent, order, fractions, place value

Summer 2

Area of focus: decimals, number negatives, converting units. Retrieval: 4 operations and place value

Assessment: Use known facts to add and subtract decimals within 1, Add and subtract decimals across 1, Add decimals with the same number of decimal places, Subtract decimals with the same number of decimal places, Add decimals with different numbers of decimal places, Subtract decimals with different numbers of decimal places, Understand negative numbers, Count through zero in 1s, Count through zero in multiples, Compare and order negative numbers, Kilograms and kilometres, Millimetres and millilitres, Convert units of length

Key skills focus: multiplication, place value, addition and subtraction, multiplying and dividing by 10, 100, 1000,

Key vocab: facts, decimals, add and subtract, ordering, converting, negative, compare and order,