HJS Curriculum - Maths Y3

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	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 3	Place value. Represent numbers to 100 Tens and ones using addition Numbers to 1,000 Compare and order numbers and objects Find 1, 10, 100 more or less Count in 50s Addition and subtraction – 2 digits, 1s, multiples of 100 -up to 3 digit and 1 digit numbers not/ crossing 10 Adding and subtracting 3-digit number from a 3-digit number with/no exchange	Addition and subtraction. Multiplication and division – 2, 3, 4, 5, 8, 10. Multiplication equal groups, using arrays, sharing and grouping	Multiplication and division. Comparing statements Multiply up to 2-digits by 1-digit –exchange/no exchange Divide with/no remainders Money – converting p to £.p. Add and subtract money – give change Statistics – tally graphs, bar charts, tables and pictograms.	Length – mm, cm, m. Equivalent lengths Compare lengths Add and subtract lengths Perimeter – measure and calculate regular shapes. Fractions – ½, ¼, 1/3. Equivalence of ½ and 2 ¼ Count in fractions	Fractions – add and sub with the same denominator. Time – 5-minute intervals, duration, o'clock, half past, quarter past and to. Months, years, hours in a day using a.m and p.m. 24-hour clock Count in tenths Tenths as decimals, Fractions on a number line Equivalent fractions, ordering, adding and subtracting fractions.	Geometry/shape. Turns and angles, right angles in shapes, comparing angles Horizontal and vertical Parallel and perpendicular 3D and 2D shapes- recognise and describe Measure: mass, capacity Compare, add and subtract mass Measure, compare, add and subtract capacity.
Year 4						

HJS Curriculum – Maths Y4

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	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 3						
Year 4	Place value up to 4 digits. Represent numbers to 10,000 Compare 4-diti numbers Partitioning and using a number line Negative numbers. Roman numerals to 100. Rounding to 10, 100, 1000. Count in 25s. Addition and subtraction – 4 digits.	Length – m, km. Equivalent lengths m-cm, mm-cm Add and subtract lengths Perimeter on a grid. Perimeter of rectilinear shapes. Multiply and divide by 10, 100. 3, 6,7 and 9 tables inc division facts.	Multiply and divide 2 or 3 digits by 1 digit – formal written methods. Multiply three number pairs. Efficient multiplication and written methods Factor pairs.	Area – counting squares. Comparing area Fractions and decimals – tenths and hundredths. Equivalent fractions. Fractions greater than 1. Fractions of quantity. Add and subtract fractions. Divide 1 and 2 digits by 10 and 100.	Decimals – write, compare and order. Round decimals making a whole. Halves and quarters. Money – 4 operations with £.p. Time – hours minutes and seconds, years, months, weeks and days. Analogue and digital time, 12 and 24 hour.	Statistics – interpret charts, line graphs. Geometry – angles – compare and order. Triangles and quadrilaterals. Symmetry. Position and direction – draw on a grid, move and describe movement. 2-12 times tables.
Year 5						

HJS Curriculum – Maths Y5

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	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 4						
Year 5	Place value up to 6 digits. Rounding to estimate and approximate Compare and order 6-digit numbers Roman numerals Addition and subtraction up to 3 decimal places. Multi step word problems Inverse operations Interpret charts, lines and graphs.	Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 Multiples of 10, 100 and 1,000 Factors. Prime, square and cube numbers. Common factors Perimeter and area rectilinear shapes Perimeter on a grid area of compound shapes and rectangles Calculate perimeter	Multiplication and division. Statistics. Multiply up 4 digits, by 1 and 2-digits. Divide up to 4 digits by 1-digit. Divide with remainders . Reasoning and problem solving	Equivalent fractions Fractions greater than 1 Improper fractions and mixed numbers Compare and order fractions greater than 1 Add and subtract (3 or more) fractions Add and subtract mixed numbers Fractions of amounts/ quantity. Fraction problem solving Using fractions as operators Decimals and percentages Fr Using fractions as operators Decimals up to 2 d.p Decimals as fractions Rounding decimals Order and compare decimals	Adding and subtracting decimals within 1 Adding decimals crossing the whole Adding and subtracting decimals with the same number of d.p Problem solving decimals with the same number of d.p Adding and subtracting decimals with a different number of d.p Decimal sequences Multiplying and dividing decimals by 10, 100 and 1,000	Geometry – properties of shapes compare and order angles Measuring with a protractor Identify angles Calculating angles on a straight line Triangle and quadrilaterals Position and direction. Translation-with coordinates Line of symmetry Complete a symmetric figure Reflection-with coordinates Kg-Km, mm-ml, Metric units and imperial units Converting units of time timetables Volume Estimate volume and capacity Compare volume
Year 6						

HJS Curriculum – Maths Y6

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	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 5						
Year 6	Place value to 10,000,000. Negative numbers. Round to nearest 100,000. Add and subtract 4 digits. Multiply 4 digits by 2 digits. BIDMAS.	Long division, 4 digits by 2 digits. Short division Division using factors Division with remainders Fractions – equivalent, mixed and improper. Fractions of amounts. 4 operations with fractions. Factors – common Primes to 100 Squares and cubes	Decimals to three places. Multiply and divide decimals. Percentages of amounts. Order and equivalent Fractions, decimals and percentages. Percentages- missing value Position and direction – translation and reflection.	Algebra – interpreting, substituting and creating formulae, solving equations. Solve one and two-step equations Find pairs of values Geometry – using a protractor, angles in triangles and quadrilaterals. Nets.	Convert and calculate units – m, km and imperial. Ratio and proportion. Calculating ratio Ratio and fractions Ratio and proportion problems. Using scale factors	Statistics – line graphs, read and interpret, pie charts. Use line graphs to solve problems Mean, mode and median.