	North Tyneside Primary Mathematics	**New Curriculum changes (What's new, What's gone, What's moved)**	

	New	**Gone**	**Moved** *to a different year group*
Year 1	☐ Counting & Writing numerals to 100 ☐ Write numbers in words up to 20 ☐ Number bonds to 20 ☐ Vocabulary including equal, more than, less than, fewer	☐ Data handling/Statistics ☐ Describing Patterns ☐ Describing ways of solving problems or explaining choices	
Year 2	☐ Solving problems with subtraction ☐ Finding/writing fractions of quantities and lengths ☐ Adding two 2-digit numbers ☐ Adding three 1-digit numbers ☐ Demonstrating commutativity of addition/multiplication ☐ Describing properties of shapes (eg. edges, vertices) ☐ Measuring temperature in °C ☐ Tell time to nearest 5 minutes ☐ Make comparisons using < , > and = symbols ☐ Recognise £ and p symbols ☐ Solve money problems	☐ Data handling/statistics ☐ Describing Patterns ☐ Describing ways of solving problems or explaining choices ☐ Rounding 2-digit numbers to the nearest ten ☐ Halving/Doubling ☐ Using lists/tables/diagrams to sort objects	☐ Derive and recall all addition and subtraction facts for each number to at least 10, all pairs with totals to 20 and all pairs of multiples of 10 with totals up to 100 *(moved to Year 1)* ☐ Solve problems with addition *(moved to Year 1)* ☐ Identify and record the number sentences involved in a problem *(moved to Year 1)*
Year 3	☐ Adding tens or hundreds to 3-digit numbers ☐ Formal written methods for addition/subtraction ☐ 8 times tables replaces 6 times tables ☐ Counting in tenths ☐ Comparing, ordering, adding and subtracting fractions with common denominators ☐ Identifying angles larger than/smaller than right angles ☐ Identify horizontal, vertical, parallel & perpendicular lines ☐ Tell time to the nearest minute including 24-hour clock and using Roman numerals ☐ Know the number of seconds in a minute and the number of days in each month, year and leap year	☐ Specific detail of problem-solving strategies (although the requirement to solve problems remains) ☐ Rounding to nearest 10/100 ☐ Reflective symmetry ☐ Converting between metric units ☐ Carroll/Venn diagrams	☐ Use these to find a solution and present it in context, where appropriate using £p notation or units of measure *(moved to Year 2)* ☐ Round 2 or 3-digit numbers to the nearest 10 or 100 and give estimates and approximations to their sums and differences *(moved to Year 4)* ☐ Derive and recall all addition and subtraction facts for each number to 20, sums and differences of multiples of 10 and number pairs that total 100 *(moved to Year 2)* ☐ 2,5 and 10 times-tables *(moved to Year 2)* ☐ Add or subtract mentally combinations of 1-digit and 2-digit numbers *(moved to Year 2)* ☐ Multiplying by 10 *(moved to Year 2)* ☐ Draw and complete shapes with reflective symmetry and draw the reflection of a shape in a mirror line along one side *(moved to Year 4)* ☐ Read and record the vocabulary of position, direction and movement, using the four compass directions to describe movement about a grid *(moved to Year 4)* ☐ Know the relationships between km and m, m and cm, kg and g, l and ml. *(moved to Year 4)* ☐ Choose and use appropriate units to estimate, measure, and record measurements *(moved to Year 2)* ☐ Reading to the nearest whole unit *(moved to Year 2)* ☐ Read the time on a 12-hour digital clock and to the nearest 5 minutes on an analogue clock; calculate time intervals and find start or end times for a given time interval *(moved to Year 2)*

Year 4	☐ Solving problems with fractions and decimals to 2 decimal places ☐ Rounding decimals to whole numbers ☐ Roman numerals to 100 ☐ Recognising equivalent fractions ☐ Knowing equivalent decimals to common fractions ☐ Dividing by 10 and 100 (inc. with decimal answers) ☐ Using factor pairs ☐ Translation of shapes ☐ Finding perimeter/area of compound shapes ☐ Solve time conversion problems	☐ Specific detail on lines of enquiry, representing problems and find strategies to solve problems and explaining methods ☐ Using mixed numbers ☐ Most ratio work ☐ Written division methods ☐ Measuring angles in degrees	☐ Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs of multiples of 10, 100 or 1000 *(moved to year 2)* ☐ Interpret mixed numbers and position them on a number line eg. 3½ *(moved to Year 5)* ☐ Most ratio work *(moved to Year 6)* ☐ Add or subtract mentally pairs of 2-digit whole numbers, eg. 47 + 58, 91 – 35 *(moved to Year 2)* ☐ Find fractions of numbers, quantities or shapes, eg. 1/5 of 30 plums, 3/8 of a 6 by 4 rectangle *(moved to Year 3)* ☐ Know that angles are measured in degrees and that one whole turn is 360° compare and order angles less than 180° *(moved to Year 5)*
Year 5	☐ Understand & use decimals to 3dp ☐ Solve problems up to 3dp, and fractions ☐ Write percentages as fractions; fractions as decimals ☐ Use vocabulary of primes, prime factors, composite numbers, etc. ☐ Know prime numbers to 20 ☐ Understand square and cube numbers ☐ Use standard multiplication & division methods for up to 4 digits ☐ Add and subtract fractions with the same denominator ☐ Multiply proper fractions and mixed numbers by whole numbers ☐ Deduce facts based on shape knowledge ☐ Distinguish regular and irregular polygons ☐ Calculate the mean average	☐ Detail of problem-solving process and data handling cycle no longer required ☐ Calculator skills ☐ Probability	☐ Decimals to 2dp *(moved to Year 4)* ☐ Express a smaller whole number as a fraction of a larger one; find equivalent fractions, including equivalent improper fractions and mixed numbers *(moved to LKS2)* ☐ Table knowledge to 12 x 12 *(moved to Year 4)* ☐ Find fractions using division, eg. 1/100 of 5kg, and percentages of numbers and quantities, eg. 10%, 5%, and 15% of £80 *(moved to LKS2)* ☐ Plotting points *(moved to Year 4)* ☐ Parallel and perpendicular lines *(moved to Year 3)* ☐ Translation *(moved to Year 4)* ☐ Symmetry introduced *(moved to Year 4)* ☐ Probability *(moved to KS3)*
Year 6	☐ Compare and ordering fractions greater than 1 ☐ Long division ☐ 4 operations with fractions ☐ Calculate decimal equivalent of fractions ☐ Understand & use order of operations ☐ Plot points in all 4 quadrants ☐ Convert between miles and kilometres ☐ Name radius / diameter and know relationship ☐ Use formulae for area / volume of shapes ☐ Calculate area of triangles and parallelograms ☐ Calculate volume of 3D shapes ☐ Use letters to represent unknowns (algebra) ☐ Generate and describe linear sequences ☐ Find solutions to unknowns in problems	☐ Detail of problem-solving processes no longer explicit ☐ Divisibility tests ☐ Calculator skills ☐ Rotation ☐ Probability ☐ Median / mode / range no longer required	☐ Use decimal notation for tenths, hundredths and thousandths, partition and order numbers with up to 3 decimal places, and position them on a number line *(moved to Year 5)* ☐ Express a larger whole number as a quantity of a smaller one; simplify fractions *(moved to LKS2)* ☐ Use knowledge of multiplication facts to derive quickly squares of numbers to 12 x 12 *(moved to LKS2)* ☐ Recognise that prime numbers have only two factors and identify prime numbers less than 100; find the prime numbers of 2-digit whole numbers *(moved to Year 5)* ☐ Find fractions and percentages of whole-number quantities eg. 5/8 of 96, 65% of £260 *(moved to LKS2)* ☐ Use coordinates in the first quadrant to draw and locate shapes *(moved to Year 4)* ☐ Measure and calculate using imperial units still in everyday use; know their approximate equivalent metric units *(Moved to Year 4 / 5)*