Meadgate Primary School Progression of Skills
Maths

Addition and Subtraction	
Recall, Represent, Use (EYFS)	Can they recognise and represent numbers to 10? Can they recall key number facts to 10? Can they say that numbers to 10 can be made in different ways? Can they subitise (recognise quantities without counting) up to 5? Can they automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts?
Recall, Represent, Use (Year 1)	Can they read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs? Can they represent and use number bonds and related subtraction facts within 20?
Recall, Represent, Use (Year 2)	Can they recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100? Can they show that addition of two numbers can be done in any order (commutative) and subtraction from one number to another cannot? Can they recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems?
Recall, Represent, Use (Year 3)	Can they estimate the answer to a calculation and use inverse operations to check answers?
Recall, Represent, Use (Year 4)	Can they use inverse operations to check answers to a calculation?
Recall, Represent, Use (Year 5)	Can they use inverse operations to check answers to a calculation and determine, in the context of a problem, levels of accuracy?
Recall, Represent, Use (Year 6)	

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Addition and Subtraction	
Calculations (EYFS)	Can they find the sum of two groups of objects by counting the total number? Can they subtract numbers to 10 using objects or pictorial representations?
Calculations (Year 1)	Can they add and subtract one and two-digit numbers to 20, including zero?
Calculations (Year 2)	Can they add and subtract numbers using concrete objects, pictorial representations and mentally, including ones and tens?
Calculations (Year 3)	Can they add and subtract numbers mentally including ones, tens and hundreds? Can they add and subtract numbers with up to three digits, using the formal written methods of columnar addition and subtraction?
Calculations (Year 4)	Can they add and subtract numbers with up to three digits, using the formal written methods of columnar addition and subtraction, where appropriate?
Calculations (Year 5)	Can they add and subtract whole numbers with more than four digits using formal written methods (columnar addition and subtraction)? Can they add and subtract numbers mentally with increasingly larger numbers?
Calculations (Year 6)	Can they undertake calculations involving addition and subtraction, including those with mixed operations and larger numbers? Can they use their knowledge of the order of operations to carry out calculations involving four operations?

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Addition and Subtraction	
Solve Problems (EYFS)	Can they explain, reason and problem solve using numbers to 10?
Solve Problems (Year 1)	Can they solve problems that involve addition and subtraction, using concrete objects, pictorial representations and missing number problems such as 7 = ☐ ?
Solve Problems (Year 2)	Can they solve problems with addition and subtraction? Can they use concrete objects and pictorial representations, including those involving numbers, quantities and measures? Can they apply their increasing knowledge of written and mental methods?
Solve Problems (Year 3)	Can they solve problems including missing number problems, using number facts, place value and more complex addition and subtraction?
Solve Problems (Year 4)	Can they solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why?
Solve Problems (Year 5)	Can they solve subtraction multi-step problems in contexts, deciding which operations and methods to use and why? Can they solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign?
Solve Problems (Year 6)	Can they solve subtraction multi-step problems in contexts, deciding which operations and methods to use and why?