Maths calculation progression policy

	EYFS	Y1	Y2	Y3	Y4	Y5	Y6
Addition	✓ Subitise up to, then beyond 5 ✓ Explore and represent patterns within numbers up to 10, including evens and odds double facts ✓ Explore composition of numbers up to 10 ✓ Recall number bonds to 10 ✓ Use counting patterns beyond 10 ✓ Add 1 more	✓ Add single digits ✓ Add one more ✓ Count on in 1s ✓ Addition to 10 ✓ Use near doubles ✓ Add ten	✓ Add 2-digit numbers ✓ Add tens then ones ✓ Partition and recombine ✓ Use known facts ✓ Add multiples of ten	✓ Add 3-digit numbers ✓ Add hundreds then tens ✓ Partition and recombine ✓ Bridge tens and hundreds ✓ Use known facts ✓ Round and adjust ✓ Add multiples of ten and hundred	✓ Add 4-digit numbers ✓ Add thousands then hundreds ✓ Partition and recombine ✓ Bridge boundaries, including decimals ✓ Use known facts ✓ Round and adjust ✓ Add multiples of thousand and hundred ✓ Formal written method	✓ Add 5-digit numbers ✓ Add ten thousands then thousands ✓ Partition and recombine ✓ Bridge boundaries, including decimals ✓ Use known facts ✓ Round and adjust ✓ Add multiples of ten thousand and thousand ✓ Formal written method	✓ Add 6-digit numbers ✓ Add hundred thousands then ten thousands ✓ Partition and recombine ✓ Bridge boundaries, including decimals ✓ Use known facts ✓ Round and adjust ✓ Add multiples of hundred thousand and ten thousand ✓ Formal written method
Subtraction	✓ Recall number bonds to 10, including subtraction facts ✓ Find 1 less	✓ Subtract single digits ✓ Find one less ✓ Take away 10 ✓ Count back in 1s ✓ Use number bonds to subtract within ten ✓ Find the difference between two numbers	✓ Subtract 2-digit numbers ✓ Count back in multiples of ten ✓ Count back in tens then ones ✓ Bridge through multiples of ten ✓ Find the difference between two numbers	✓ Subtract 3-digit numbers ✓ Take away multiples of ten and a hundred ✓ Use known facts ✓ Bridge through multiples of hundred ✓ Round then adjust ✓ Formal written method	✓ Subtract 4-digit numbers ✓ Take away multiples of hundred and thousand ✓ Use known facts ✓ Bridge through numbers, including decimals ✓ Round then adjust ✓ Formal written method	✓ Subtract 5-digit numbers ✓ Take away multiples of thousand and ten thousand ✓ Use known facts ✓ Bridge through numbers, including decimals ✓ Round then adjust ✓ Formal written method	✓ Subtract 6-digit numbers ✓ Take away multiples of ten thousand and hundred thousand ✓ Use known facts ✓ Bridge through numbers, including decimals ✓ Round then adjust ✓ Formal written method

Multiplication	✓ Consolidate doubling ✓ Automatically recall number bonds to 10, including doubling facts	✓ Count in ones ✓ Use equal groups ✓ Repeated addition ✓ Arrays	✓ Rapid recall of 2x, 5x, 10x tables ✓ Use equal groups ✓ Repeated addition ✓ Arrays	✓ Rapid recall of 3x, 4x, 8x tables ✓ Repeated addition ✓ Arrays ✓ Scaling ✓ Multiply by 10 ✓ Double and halve ✓ Partition and recombine ✓ Multiply 2-digit numbers by 1-digit numbers ✓ Formal written method	✓ Rapid recall of all tables up to 12 x 12 ✓ Use known facts and place value ✓ Multiply by 10 and 100 ✓ Use factors and commutativity ✓ Use the distributive law ✓ Multiply 2-digit numbers by 2-digit numbers ✓ Formal written method	✓ Rapid recall of all tables up to 12 x 12 ✓ Use known facts and place value ✓ Multiply by 10, 100 and 1000 ✓ Use factors and the distributive law ✓ Partition and recombine ✓ Multiply 3-digit numbers by 2-digit numbers ✓ Formal written method	✓ Rapid recall of all tables up to 12 x 12 ✓ Use known facts and place value ✓ Multiply by 10, 100 and 1000 ✓ Use factors and the distributive law ✓ Partition and recombine ✓ Multiply 4-digit numbers by 2 and 3-digit numbers ✓ Formal written method
Division	✓ Explore and represent patterns within numbers up to 10, including how quantities can be distributed equally ✓ Consolidate sharing and grouping	✓ Share 1 at a time ✓ Use equal groups ✓ Repeated groupings ✓ Arrays ✓ Bar models	✓ Share into equal groups ✓ Repeated groupings ✓ Arrays ✓ Bar models ✓ Use known facts of 2x, 5x and 10x tables	✓ Share equally ✓ Repeated addition ✓ Divide by 10 ✓ Double and halve ✓ Partition and recombine ✓ Divide 2-digit numbers by 1-digit numbers	✓ Divide by 10 and 100 ✓ Partition and recombine ✓ Use known facts and place value ✓ Use factors ✓ Divide 3-digit numbers by 1-digit numbers ✓ Formal written method	✓ Divide by 10, 100 and 1000 ✓ Partition and recombine ✓ Use known facts and place value, including decimals ✓ Use factors ✓ Divide 4-digit numbers by 1-digit numbers ✓ Formal written method	✓ Divide by 10, 100 and 1000 ✓ Partition and recombine ✓ Use known facts and place value, including decimals ✓ Use factors ✓ Divide 4-digit numbers by 1 and 2-digit numbers ✓ Formal written method