Key Instant Recall Facts: Wetheringsett C of E Primary School

	Counting and Place Value	Multiplication Tables	Number Bonds	Doubling and Halving	Addition and Subtraction	Measures
EARLY YEARS						
Reception	Count the numbers in order to 5 Count back from 5 to 0 in order Count the numbers in order to 10 Count back from 10 to 0 in order Count the numbers in order to 20 Count back from 20 to 0 in order Read numbers to 10 Write numbers to 10 Order numbers to 10 Read numbers to 20 Write numbers to 20 Order numbers to 20	Count in 10s Count in 2s	Partition numbers to 5 into two groups		Use physical representations to add/subtract	Know the days of the week in order
KEY STAGE 1						
Year 1	Count forwards and backwards in steps of 10 Count forwards and backwards in steps of 2 Count forwards and backwards in steps of 5 Count to and across 100, forwards and backwards, from any given number Understand equal, more than and less than Given a number, identify one more and one less	x10	Know all number bonds to 5 Find patterns in number bonds to 5 Know all number bonds to 10 Find patterns in number bonds to 10 Know all addition facts for all numbers between 0 and 10 Know all subtraction facts for all numbers between 0 and 10 Understand missing number calculations	Know all doubles to 10 Know all halves to 10	Add a one-digit number to a two-digit number Subtract a one-digit number from a two-digit number Add numbers to 10 Subtract numbers to 10 Add a multiple of 10 to a two-digit number Subtract a multiple of 10 from a two-digit number Solve missing number calculations Understand the effect of adding and subtracting	Know the seasons in order Know the months of the year in order
Year 2	Count in 10s from any given number, forwards and backwards Count in 2s from any given number, forwards and backwards, crossing boundaries Count in steps of 2, 3 and 5 from 0, forwards and backwards Understand the value of tens and ones	x2 x5 x10 Recognise odd and even numbers	Know all number bonds to 20 Find patterns in number bonds to 20 Link number bonds to 20 to number bonds to 10 Understand the = sign in balancing equations Use and understand < and > signs Understand missing number calculations	Know the doubles of all numbers to 20 Know the halves of all numbers to 20	Add multiples of 10 including crossing significant boundaries Subtract multiples of 10 including crossing significant boundaries Know all addition facts for multiples of 10 to 100 Know all subtraction facts for multiples of 10 to 100	Know how many p in a £ Know the number of minutes in an hour Know the number of hours in a day
KEY STAGE 2						
Year 3	Count from 0 in multiples of 100 & 50 Count from 0 in multiples of 4 & 8 Count in 5s from any given number, forwards and backwards, crossing boundaries Count in 4s from any given number, forwards and backwards, crossing boundaries Count in 3s from any given number, forwards and backwards, crossing boundaries Find 10 or 100 more / less than a given number Understand the value of hundreds, tens and ones	x4 x3 x8 x50 x100 Recognise that multiples of even times tables are all even	Understand the = sign in balancing equations Use and understand < and > signs Understand missing number calculations Know all number bonds to 100 Visualise number bonds to 100 on a number line Find patterns within number bonds to 100	Know doubles of all whole numbers to 20 Know halves of all whole numbers to 20 Know doubles of all multiples of 10 to 500 Know halves of all multiples of 10 to 500 Know doubles of all multiples of 100 to 5000 Know halves of all multiples of 100 to 5000	Know all addition and subtraction facts for multiples of 100 to 1000 Know all addition and subtraction facts for multiples of 5 with a total of 100 Know all addition and subtraction facts for number pairs that total 100 Add and subtract mentally: • A three-digit number and ones • A three-digit number and tens • A three-digit number and hundreds	Know the number of seconds in a minute Know the number of days in each month, year and leap year Understand am and pm; noon and midnight Recognise right angles

Year 4	Count from 0 in multiples of 25 and 1000 Count from 0 in multiples of 6, 9, 7, 11 and 12 Understand the value of thousands, hundreds, tens and ones Find 1000 more / less than a given number Count backwards through 0 to include negative numbers	x6 x9 x7 x11 x12 x25 x1000 *All multiplication tables up to 12 x12 should be known by the end of Y4* Recognise that multiples of even times tables are all even	Understand the = sign in balancing equations Use and understand < and > signs Understand missing number calculations Recognise and use factor pairs and commutativity in mental calculations Know all pairs of multiples of 50 with a total of 1000	Know doubles and halves of all whole numbers to 50 Know doubles and halves of all multiples of 5 to 1000 Know doubles and halves of all multiples of 50 to 5000	Add and subtract pairs of two-digit numbers Add and subtract 9/19/29 etc. to two digit numbers Add and subtract 11/21/31 etc. to two digit numbers	Read Roman numerals to 100 Know the number of weeks in a year Know: • m in km • cm in m • 90˚ in a right angle
Year 5	Count forwards and backwards from any given number, in any steps, crossing boundaries and into negative numbers Count forwards and backwards in steps of powers of 10 for any given number up to 1 000 000 Count forwards and backwards through 0 with positive and negative numbers Understand the value of HTh,TTh,Th,H,T & O	*Continue to rehearse all multiplication tables up to 12 x 12* Know and apply the tests of divisibility: x2, x3, x5, x9, x10 Recall prime numbers up to 19 Recognise and use square numbers and cube numbers, and the notation for squared (^{2}) and cubed (^{3})	Understand the = sign in balancing equations Use and understand < and > signs Understand missing number calculations Know all addition and subtraction facts for decimals that total 1 (one DP) Find patterns within number bonds to 1 Know all addition and subtraction facts for decimals that total 10 (one DP) Find patterns within number bonds to 10 Find all the factor pairs of a number	Know doubles and halves of all whole numbers to 100 Know doubles and halves of all multiples of 10 to 1000 Know doubles and halves of all multiples of 100 to 10,000 Know the doubles and halves of all two-digit numbers	Add and subtract numbers mentally with increasingly large numbers	Read Roman numerals to 1000 Know: • mm in cm • ml in a l • g in a kg • angles of a triangle • angles at a point
Year 6	Count forwards and backwards from any given number, in any steps, crossing boundaries and into negative numbers Know the decimal and percentage equivalents of the fractions ½, ¼, ¾, ⅓, ⅔, tenths and fifths Calculate mentally using brackets Understand the value of M,HTh,TTh,Th,H,T & O	*Continue to rehearse all multiplication tables up to 12 x 12* Know and apply the tests of divisibility: x4, x6 x8 Know all square numbers to 12 x 12 Know all square roots to 10 x 10 Know the square roots to 15 x 15 Know all prime numbers within 50 Know the prime numbers within 100	Understand the = sign in balancing equations Use and understand < and > signs Know the addition and subtraction facts for two place decimal complements of 1 Find patterns within number bonds to 1 (two DP) Link two decimal place number bonds to 1, to number bonds to 100 Know the addition and subtraction facts for three place decimal complements of 1 Find patterns within number bonds to 1 (three DP) Link three decimal place number bonds to 1, to number bonds to 100	Know doubles and halves of one digit decimals Know doubles and halves of two digit decimals Know the doubles and halves of all multiples of 10 to 10,000 Know the doubles and halves of all multiples of 1000 to 100,000	Perform mental calculations, including with mixed operations and large numbers	Know: • Angles on a straight line Illustrate and name parts of a circle, including radius, diameter and circumference and know that the diameter is twice the radius