Lickey Hills Primary School and Nursery: Key Instant Recall Facts

By the end of an academic year, pupils should be able to recall the **Key Instant Recall Facts** for their year group quickly (within 5 seconds) and complete counting activities confidently and fluently. Children should also be able to recall the **Key Instant Recall Facts** for all **previous** year groups within the same amount of time. Arithmetic/Fluency sessions should be used to explicitly teach and/or practise these, with home learning used as an opportunity for reinforcement.

Topic	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and place value	*Count numbers in order up to and down from 10 (20) *Read and write numbers to 10 (20) *Order numbers to 10 (20)	*Count to and across 100, forwards and backwards from any number *Count, read and write numbers to 100 in numerals. *Read and write numbers from 1 to 20 in words. *Identify one more /less than any number (to 100).	*Understand the value of tens and ones *Read and write numbers to 100 in numerals & words *Recognise odd and even numbers to 100 *Count forwards and backwards in 10s or 2s from any given number	* Understand the value of hundreds, tens and ones *Read and write numbers to 1000 in numerals & words *Count from 0 in multiples of 100, 50, 4, 8 *Count forwards and backwards in 4s or 3s from any given number	* Understand the value of thousands, hundreds, tens, ones *Count from 0 in multiples of 25, 1000 *Count from 0 in multiples of 6, 9, 7, 11, 12 *Count back through 0 to include negative numbers	* Understand the value of HTh, TTh, Th, H, T & Ones *Count forwards and backwards in steps of powers of 10 for any given number up to 1000000 *Know prime numbers up to 19	* Understand the value of M, HTh, TTh, Th, H, T & Ones *Know prime numbers within 100 *Know the order of operations (BIDMAS).
Addition and Subtraction	*Practically partition and combine numbers to 10 with 2 groups *Know one more/less than any number to 20 *Use physical representations to add and subtract	*Know number bonds to and all numbers within 10 *Add/subtract 1-digit number and 2-digit to 20 *Add/subtract multiple of 10 to a 2-digit number using a 100 square	* Know number bonds to and all numbers within 20 *Know all addition and subtraction facts for multiples of 10 to 100. *Know 10 more/less than any given number	*Know all number bonds to 100 *Know 100 more/less than any given number *Know all addition and subtraction facts for multiples of 100 to 1000 *Add and subtract mentally a 3digit number and ones or tens or hundreds	*Know 1000 more/less than any given number *Know pairs of multiples of 50 up to a total of 1000 *Add/subtract pairs of 2 digit numbers *Add 9/19/29 or 11/21/21 to 2 digit numbers	*Know all decimals that total 1 or 10 (1dp)	*Know the addition and subtraction facts for two place decimal complements of 1 *Know the addition and subtraction facts for three place decimal complements of 1

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Multiplication and Division	Recognise objects in pairs	*Skip count in 2s to 20, 5s to 50 and 10s to 100	*Know multiplication and division facts for 2x, 5x, 10x *Count forwards & backwards in 3s	*Know multiplication and division facts for 4x, 8x, 3x, 100x, 50x	*Know multiplication and division facts for all times tables to 12 x 12. *Divide 1,000 by 2, 4, 5, 10 (to support reading scales).	*Consolidate multiplication and division facts for all times tables *Know all pairs of factors of numbers up to 100 *Know square numbers to 12^2	*Divide 1, 10, 100 and 1,000 by 2, 4, 5 and 10 (to support reading scales). *Know square roots to 12x12 *Know the tests for divisibility for numbers up to 10
Fractions	*Recognise how to share items fairly	*Know all doubles and halves to 10	*Know all doubles and halves to 20	*Know doubles and halves to 100 and all multiples of 10 to 500.	*Count in 10ths and 100ths. *Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ *Know doubles and halves to 100 and all multiples of 50 to 5000.	*Know the decimal & percentage equivalents of the fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, ⅓, ⅔, tenths and fifths *Know doubles and halves of all multiples of 10 to 1000 and of 100 to 10,000	* Know the decimal & percentage equivalents of the fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, ⅓, ⅔, tenths and fifths, and fractions with denominators that are multiples of 10 and 25. *Doubles and halves of 1- & 2-digit decimals
Measurement	*Know days of the week in order	*Know seasons and months of the year in order *Tell the time at o'clock & half past	*Number of p in £ *Minutes in an hour *Hours in a day	*Seconds in a minute *Days in each month, year, leap year	*Know that: 1cm = 10mm 1m = 100cm 1km = 1000m 1kg = 1000g 1L = 1000ml *90° = right angle *Roman numerals to 100	*Angles of a triangle *Angles at a point *Roman numerals to 1000	* Know that: 8km = 5 miles *2x radius = diameter of a circle *Angles on a straight line