



BRINGING LEARNING ALIVE!

Year 6 Maths Basic Skills

Autumn

Recognise the place value of each digit in numbers up to 10 million, including decimals (e.g. in 1, 324, 506.89 the 3 is worth 3 hundred thousands, the 8 is worth 8 tenths, etc)

Count and order numbers to 10 million

Find 0.001, 0.01, 0.1, 1, 10, 100 or 1000 more or less than a given number (e.g. $54.32 - 0.01$ or 0.1 or 1 or 10 etc)

Recall multiplication and division facts fluently to 12×12

Know Square numbers and square roots (e.g. 5 squared = 25 the square root of $25 = 5$)

Identify common multiples, common factors and primes

Use Long Multiplication and Long Division

Spring

Number bonds to 1 and 10 with 2 decimal places (e.g. $4.12 + ? = 10$ or $0.42 + ? = 1$)

Sums and difference of decimals to 1dp (e.g. $4.6 + 5.5 =$ or $8.7 - 3.4 =$)

Doubles and halves of numbers with 1dp (e.g. double 4.6 or halve 16.4)

Related facts, scaling both factors (+ and x)
e.g. if e.g. $0.3 \times 4 = 1.2$; $0.03 \times 4 = 0.12$ etc.

Summer

Perform mental calculations for all four operations, including multi-step and mixed operations (+, -, x and \div mentally)

Recall equivalences for all common fractions, decimals and % (e.g. $\frac{1}{2} = 0.5 = 50\%$, $\frac{1}{4} = 0.25 = 25\%$, $\frac{3}{10} = 0.3 = 30\%$ etc)

Convert between units of measure (e.g. know that $1.6\text{km} = 1600\text{m}$, $54\text{mm} = 5.4\text{cm}$, $8.2\text{l} = 8200\text{ml}$, $6.8\text{cm} = 68\text{mm}$, etc)

