

**standard**

Pupils working at the ***expected standard*** in Y3 demonstrate varied fluency and reasoning skills and can:

**NUMBER & PLACE VALUE**

read, write, order, partition and compare numbers up to 10,000 and determine the value of each digit.

round any number up to 1,000 to the nearest 10 or 100.

mentally count in steps of 50 and 100 including going through boundaries of tens, hundreds and thousands (e.g. count from 50 in 50s or count in 100s from 157).

**FOUR OPERATIONS**

explain the effect of multiplying and dividing by 0 and 1.

mentally add and subtract ones, tens and hundreds to a 3-digit number.

use formal column addition and subtraction to solve questions involving numbers up to 4-digits.

solve word problems including missing number problems, number facts & place value.

recall multiplication and division facts for 3, 4, 6 and 8 times tables (in 6 secs).

use formal short multiplication to solve questions including 3-digit by 1-digit.

use formal short division to solve questions involving 3-digit by 1-digit, including remainders as whole numbers.

demonstrate efficiency in calculation through drawing on known number facts, pattern spotting and identifying relationships (e.g for  $38 \times 2$ , pupil can use near double knowledge and do  $40 \times 2$  and adjust by subtracting 4).

multiply whole numbers by 10 and 100.

**FRACTIONS, DECIMALS & PERCENTAGES**

compare and order unit fractions and fractions with the same denominator.

recognise and show (using diagrams) equivalent fractions with small denominators.

add and subtract fractions with the same denominator (that do not total more than a whole).

find and record simple fractions of numbers up to 100, e.g.  $\frac{1}{2}$  of  $36 = 18$ .

Pupils working at ***greater depth*** within the expected standard in Y3 can:

master all Y3 expected standard objectives.

consistently and confidently reason and problem solve to answer complex and abstract questions (that span a range of strands and contexts) through applying skills such as visualising, working systematically, justifying, conjecturing and thinking logically.