Year 3

Essential Skills

YEAR 3

- Know multiplication facts for 2,3,4,5,6,8, 10 times tables
- Begin to use negative numbers in context
  The weather today is -5 degrees
- Read and write numbers up to 1000 and put them in order. Know what each digit is worth.
  4351 – four thousand, three hundred and fifty one
- add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
- Count on or back in tens or hundreds from any number under 1000
  731, 631, 531, 431, 331…
  145, 155, 165, 175, 185…
- Know by heart addition and subtraction facts to 20
- Work out in their heads 2 digit addition and subtraction calculations
  2 digit division calculations
  27 / 5
- Find simple fractions such as ½, 1/3, ¼, 1/5, 1/10 of shapes and numbers
  1/5 of 25 = 5
- add and subtract fractions with the same denominator within one whole
- Tell the time to the nearest 5 minutes
  Use £ and p and understand the value of each digit
  £3.05
  The digit 5 = 5p
- Explain a simple graph
- tell and write the time… using Roman numerals from I to XII…
- identify horizontal and vertical lines and pairs of perpendicular and parallel lines

Examples of Calculations in Year 3

Addition

Use a formal written method for HTU+HTU	*What is 348 added to 279?* *3 4 8* *+ 2 7 9* *6 2 7* *1 1* *Step 1* *8+9=17* *Step 2* *10+40+70 =120* *Step 3* *100+300+200=600*

Subtraction

Use a formal written method for HTU-HTU	*What is 734 subtract 385?* 7 2 3 14 - 3 8 5 = 9 6 7 12 3 14 - 3 8 5 = 4 9 6 7 12 3 14 - 3 8 5 = 3 4 9 ***Step 1*** *Exchange and rename 30 + 4 as 20 + 14 14 – 5 = 9* ***Step 2*** *Exchange and rename 700 + 20 as 600 + 120 120 – 80 = 40* ***Step 3*** *600 – 300 = 300*

Multiplication

Develop quick recall of multiplication facts for 3 and 4	*Write the missing numbers in the boxes.* *6 × 4 = 12 × □* *□ × 3 = 6 x 5*
Recognise multiples of 3 and 4 beyond the tenth multiple	*Is 82 a multiple of 4? How do you know?*

Division

Use practical and informal methods to divide 2-digit numbers by 2, 3, 4, 5	*Answer this: 65 ÷ 5 = □* *Explain how you solved this.* *You are given that 10 × 3 = 30 and 3 × 3 = 9. How many threes are there in 39?*