Year 4

Essential Skills
YEAR 4

- Know multiplication facts up to 12x times tables
- count backwards through zero to include negative numbers

- Round numbers to the nearest 10 or 100, 1000 or 10, 000 and round decimals with one decimal place to the nearest whole number
- Work out simple equivalent fractions
- add and subtract fractions with the same denominator
- describe positions on a 2-D grid as coordinates in the first quadrant

- Calculate 4 digit addition and subtraction calculations in columns
- Multiply numbers 2 digit numbers by 10 and 100 or 1000and 4 digit multiples of 100 by 10 or 1000
- Change units of measurement (cm to m, £ to p)
- Tell the time to the nearest minute and use a simple timetable
- use place value, known and derived facts to multiply and divide mentally, including… multiplying together three numbers

- read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value

Examples of Calculations in Year 4

Addition

Use a formal written method to add units of measure using decimal notation to hundredths	*What is 56.89 m added to 38.75 m?* *5 6 . 8 9 m* *+ 3 8 . 7 5 m* *9 5 . 6 4 m* *1 1 1*

Subtraction

Use a formal written method to subtract money using decimal notation to tenths	*What is the difference in price between two bags costing £18.60 and £32.10?*

Multiplication

Use a written method for HTUxU	*53 28 4* *x 6* *2 3 0 4*
Know all multiplication facts to 12x12	*Which tables facts up to 12 x 12 do you still need to learn?* *What strategies could you use to learn them?*

Division

Use a written method for HTU÷U, including remainders	*What is 168 divided by 3? Estimate: 180 ÷3 = 60* *5 6 _* *3/1 6 8* *- 1 5 0 (50x3)* *1 8* *1 8 (6x3)* *0 0* *168÷3 = 5*