

Year 2

## Dimple Well Definites - Maths



### Place Value

- Count on and back in steps of 2s, 3s and 5s from 0 and in 10s from any number to and beyond 100
- Explain the value of each digit (tens and ones) in a two digit number
- Identify, represent and estimate numbers using pictures, including a number line
- Compare and order numbers to at least 100 in numerals and words
- Use greater than ( $>$ ), smaller than ( $<$ ) and equals sign ( $=$ ) to compare numbers
- Read and write numbers to 100 in numerals and words
- Use Place value and number facts to solve problems

### Number - Addition and Subtraction

- Know and use all addition and subtraction facts to 20 fluently
- Know all number pairs to 100 using 'ten' numbers e.g.  $40+30=100$
- Add and subtract simple combinations of one and two digit numbers
- Understand that addition can be done in any order but subtraction cannot
- Use addition and subtraction facts to check calculations and solve missing number problems (use of the inverse operation)
- Understand the term sum and difference
- Record simple addition and subtractions in columns as a preparation for formal methods

### Number - Multiplication and Division

- Use a variety of language to describe multiplication and division
- Recognise and explain odd and even numbers
- Practise and learn by heart the  $\times 2$ ,  $\times 5$  and  $\times 10$  tables (using the one 2 is 2, two 2s are 4 approach) and use them in solving problems
- Write mathematical statements for simple number facts using  $\times$ ,  $\div$  and  $=$  signs
- Understand that multiplication can be done in any order but division of one number by another cannot
- Understand the relationship between multiplication and division
- Use multiplication and division facts to check calculations and solve missing number problems (use of the inverse operation)

### Fractions

- Use table knowledge in relating to fractions e.g.  $20 \times 2 = 40$  and 20 is half of 40
- Can double all numbers up to 10 and halve all even numbers up to 20
- Recognise, find, name and write the fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$  and  $\frac{3}{4}$  of a length, shape and quantity
- Write simple fractions of a number e.g.  $\frac{1}{2}$  of 6 = 3 and recognise that  $\frac{1}{2}$  is equivalent to  $\frac{2}{4}$
- Write simple fractions in halves or quarters on a number line up to 10, starting with any number