

## Year 3 Objectives

### Number and Place Value

Read and write numbers to 1000 in words and numerals

Count in multiples of 4, 8, 50 and 100 from 0

Say 10/100 more/less than any number to 1000

Recognise the value of each digit in a three-digit number (245 = 200 and 40 and 5 or 2 hundreds, 4 tens and 5 units)

Compare and order numbers up to 1000

### Number – mental addition and subtraction

Recall rapidly number bonds to 100 multiples of 10/5 and any number (e.g. 80+20, 35+65, 43+57)

Mentally add and subtract:

-a 1-digit and a 2-digit number

-a 2-digit number and multiple of ten

-three 1-digit numbers

### Number – mental multiplication and division

**Know and rapidly recall 2, 3, 4, 5, 8 and 10 times tables (multiplication and division facts)**

### Number – fractions

Recognise, name and write unit fractions ( $\frac{1}{12}$ ,  $\frac{1}{7}$ ,  $\frac{1}{3}$ ,  $\frac{1}{5}$ ,  $\frac{1}{9}$ , etc.)

Recognise, find and write unit and non-unit fractions of a set of objects (e.g.  $\frac{3}{4}$  of 16,  $\frac{1}{5}$  of 20)

### Measurement

Write and tell the time using the 12 and 24-hour clocks, am/pm and Roman numerals I-XII

Know the number of seconds in a minute, number of days in each month, in a year and a leap year

### Useful maths websites

Useful maths websites

These sites have an excellent range of activities and games for most topics.

**Top Marks Age 7-11** <https://www.topmarks.co.uk/maths-games/7-11-years/ordering-and-sequencing-numbers>

**Cool Maths 4 Kids** – also includes lessons/explanations/brain teasers

<http://www.coolmath4kids.com/>

**Maths is fun** Range of explanations and online activities

<https://www.mathsisfun.com/numbers/index.html>

**SUMS Maths Games sorted into: Number, Data Handling, Calculations, Shape and Space.**

<http://www.sums.co.uk/original/>

**Arcademics Skill Builders** – games to play against the computer or a friend

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