

Year 4 Objectives

Number and Place Value

Read and write numbers to 10 000 in words and numerals
Count in multiples of 6, 7, 9, 25 and 1000 from 0
Count backwards through zero to include negative numbers
Say 10/100/1000 more/less than any number to 10 000
Recognise the value of each digit in a four-digit number (3245 = 3000, 200, 40 and 5 or 3 thousands, 2 hundreds, 4 tens and 5 units)
Compare and order numbers beyond 1000
Round any number to the nearest 10,100 or 1000
Read Roman numerals up to 100 (I to C)

Number – mental addition and subtraction

Mentally add and subtract:
☑ a 3-digit and a 1-digit number
☑ a 3-digit number and multiple of ten
☑ a 3-digit number and multiple of hundred (consolidation from year 3)

Number – mental multiplication and division

Know 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 times tables (multiplication and division facts)

Number – fractions and decimals

Recognise and write decimal equivalents for any number of tenths or hundredths (e.g $3/10 = 0.3$; $3/100 = 0.03$; $23/100 = 0.23$)
Recognise and write decimal equivalents for $\frac{1}{2}$ (0.5), $\frac{1}{4}$ (0.25), $\frac{3}{4}$ (0.75)
Round decimals with one decimal place to the nearest whole number (eg. $1.6 = 2$; $1.4 = 1$)
Compare and order numbers with the same number of decimal places up to 2dp e.g. 1.11, 1.13, 1.31)

Measurement

Know and use conversions: 1000g=1kg; 1000ml=1l; 1000m=1km 100cm=1m,
Read, write and convert time between analogue and digital clocks
Convert time from: hours to minutes; minutes to seconds; years to months; weeks to days

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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