

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 ones)

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 (1/12, 1/7, 1/3, 1/5, 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

Resources/Suggested activities:

Use coins to help with place value 10p = tens, 1p = units. So 3x10p and 4 x 1p = 34

Use playing cards to practise times tables (Ace = 1, Jack = 11, Queen = 12). Turn over two cards and multiply together.

Use playing cards or dice to practise mental addition. Turn over 2 or 3 cards and add them quickly together; roll two dice and add quickly as you go.

Use a clock, watch or phone showing analogue and digital time

Make your own clock using card and butterfly clips (use Roman numerals in addition to standard numerals)

Find clocks with Roman numerals

Make cards with standard and Roman numerals – play a matching game.

Useful maths websites

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

TTRockstars

<https://trockstars.com/> (Ask the class teacher if you have forgotten the login details.)

- Use the 'Jamming' mode (no timer) while building up confidence, then use 'Soundcheck' to practice against the clock. Challenge friends using the 'Multiplayer' mode.
- Please read the TTRockstars parent guide that is attached as a separate document.

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>

Cool Maths Games

<https://www.coolmathgames.com/>