

Mathematics place value week 1 – 3

Autumn term 1

Don't forget to use as much practical apparatus as possible to support understanding such as Numicon, diennes, tens frames, number lines and number squares

Low ability

Progress through fluency to...

High ability

Week 1 – Recap numbers to 20 (Year 1) and to 100 (Year 2)

Reading digits/numerals and number words, writing digits/numerals and number words, ordering numbers, finding numbers on a hundred square, completing missing number lines.

- SEN/Early - Numbers to 10
- LA/MA - Numbers to 20
- MA/HA - Teen/ty numbers
- HA - Numbers to 100

Remember to count **backwards** lots starting at different numbers. Count in multiples of 10 to support bridging tens.

Week 3 – Counting forwards /backwards/bridging tens

- SEN/early – Representing numbers as a 4-part number line to 10/20, encourage counting forward and **backwards** with this.
- (2 days) 1 more/1 less including bridging tens and 10 more/10 less (securing concept, not written calculation).
- (2 days) Comparing numbers using language greater, less than, equal to.
- **(Year 2)** Using $<$ $>$ $=$ symbols, (securing language before use of symbols).

Ensure you use practical equipment and previous weeks learning to reinforce greater, less than, equal to.

Maths meetings autumn term 1

Introduce a number for each meeting. Begin at 0 and go up to 20 (Year 1 and 2) and up to 100 (Year 2). Please note, do not have to do every number to 100, you might focus on tens or random 2 digit numbers instead.

For each session, focus on fact families and representation of the number as a 4-part number line.

e.g. Fact families:

$$3 + 2 = 5, 4 + 1 = 5, 0 + 5 = 5 \text{ etc.}$$

$$5 - 3 = 2, 5 - 4 = 1, 5 - 0 = 5 \text{ etc.}$$

e.g. 4-part number line:

..... (dienes/numicon), 5, five, * * * * *

You could use the 4-part number line to create a display, adding a number each meeting.

Week 2 – Tens and ones

Recognising numbers (recap).

Using dienes/numicon/objects to build a number and match to a number card.

Using dienes/numicon in tens and ones grids to show number.

Exchanging ten ones for a ten.

Recording numbers using sticks and dots.

Recording number using sticks and dots in tens and ones grid.

Compare numbers orally using language of greater than, less than, equal to.

- SEN/Early - Numbers to 10
- LA/MA - Numbers to 20
- MA/HA - Teen/ty numbers
- HA - Numbers to 100

Low ability

Progress through fluency to...

High ability

Make numbers using tens and ones with other equipment e.g. coins, bundles of sticks, packs of equipment (boxes containing 10 objects plus some extra, like on KS1 test papers).