Addition Progression Poster

Language to be used:

Foundation

add, more, plus, and, make, altogether, total, equal to, equals, double, most, count on.

Key Stage One

add, addition, more, plus, make, sum, total, altogether, how many more to make…? how many more is… than…? how much more is…? =, equals, sign, is the same as, tens, ones, partition

Lower Key Stage Two

add, addition, sum, more, plus, increase, sum, total, altogether, double, near double, how many more to make..? how much more? inverse, how many more/fewer? Equals sign, is the same as.

Upper Key Stage Two

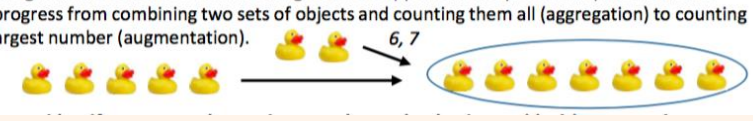
As above

Foundation Stage

They will add two single digit numbers using objects and by counting on, on a number line.

Adding by combining sets of objects.

Concepts are taught in the context of real life using concrete apparatus and pictorial representations . Children will progress from combining two sets of objects and counting them all (aggregation) to counting on from the largest number (augmentation).



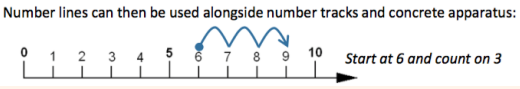
Adding by counting forward from the first number.

On a bead string:

"7 add 3 is 10."

On a number track:

Number lines can then be used alongside number tracks and concrete apparatus:

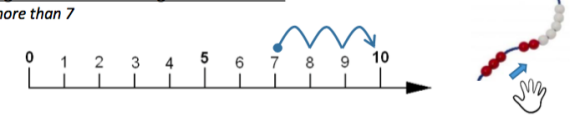


Year One

- Count on (augmentation), first in ones, then using number facts (bridging/regrouping).
- Add one and two digit numbers to 20, use dienes.

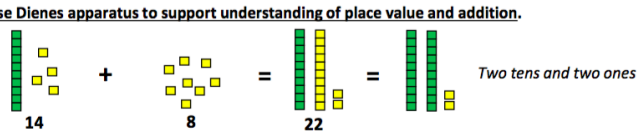
Counting on with a bead string and number line.

E.g. *3 more than 7*



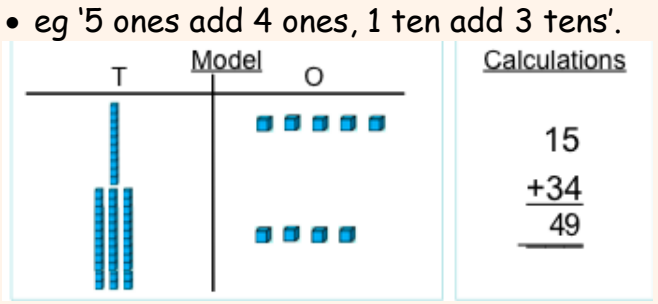
Begin to use Dienes apparatus to support understanding of place value and addition.

E.g.



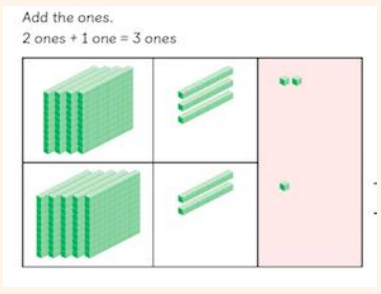
Year Two

- Addition of pairs of two digit numbers, add ones then the tens
- eg '5 ones add 4 ones, 1 ten add 3 tens'.



Year Three

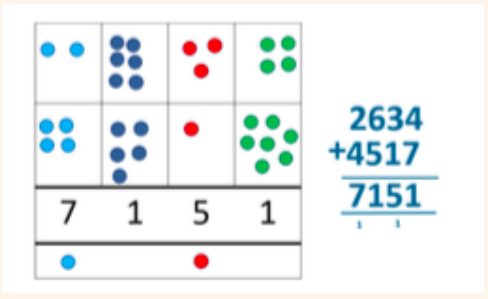
- Use dienes or place value counters to add pairs of 3 digit numbers using the compact method to add.



	h	t	o
	4	3	2
+	5	2	1
			3

Year Four

- Use compact method to add pairs of 4 digit numbers, supported with place value counters.



Year Five and Year Six

- Children to add whole numbers with more than 4 digits, including using formal written methods (columnar addition) in Y5 and two decimal places and then and be able to add decimals up to three decimal places by the end of Y6.