



Addition Progression Poster

Wellsprings School - April 2018



Language to be used:

Foundation Stage

add, more, plus, altogether, total, makes, part, whole, equal to, most, count on

Key Stage One

forward, more than, greater, and, addition, plus, more, digits, partition, boundary

Lower Key Stage Two

sum, estimate, recombine, near multiple, inverse, rounding, column, exchange,

Upper Key Stage Two

positive, negative, increase, decimal

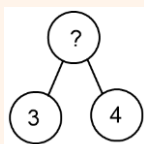
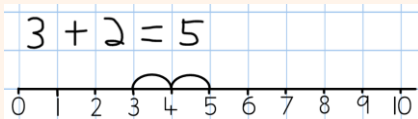
Foundation Stage

Children use a range of practical resources to support addition. Teachers demonstrate the use of the number lines, ten frames, diagrams, and concrete objects using appropriate mathematical vocabulary. Children are encouraged to use methods in the inside and outside environment. They develop ways of recording calculations using pictures and objects. They will add two single digit numbers using objects.



Year One

- Use concrete apparatus to support adding
- Draw diagrams to support adding
- Combining two parts to make a whole
- Counting on using a number line
- Find related number facts



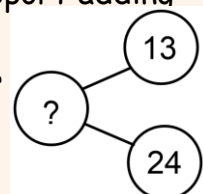
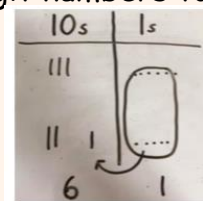
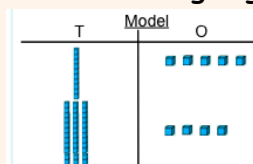
10	
6	4

6 + 4 = 10
4 + 6 = 10
10 - 4 = 6
10 - 6 = 4

Bar Model

Year Two

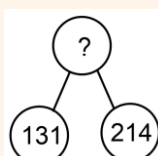
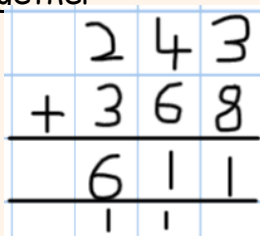
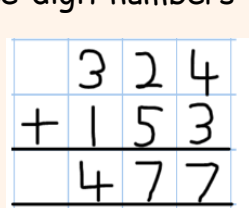
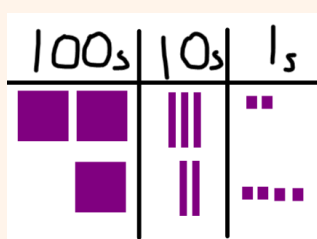
- Use concrete apparatus and diagrams to support adding
- Addition of three single digit numbers
- Addition of two two-digit numbers together
- Find missing digits



$$11 + 11 = 22$$
$$11 + 11 = 22$$
$$24 + 32 = 56$$

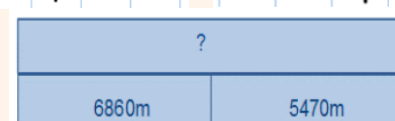
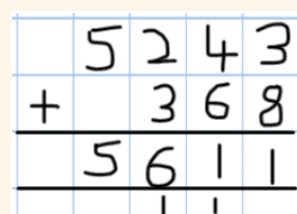
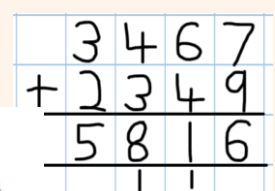
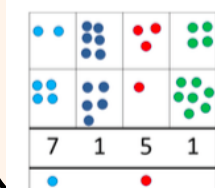
Year Three

- Use concrete apparatus and diagrams to support adding
- Addition of two three-digit numbers together
- Find missing digits



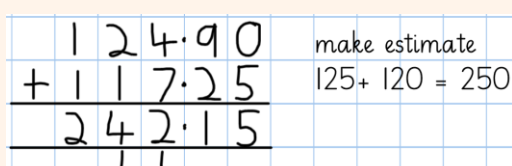
Year Four

- Use concrete apparatus and diagrams to support adding
- Adding numbers with up to four-digits
- Addition decimals, up to decimal places.
- Find missing digits

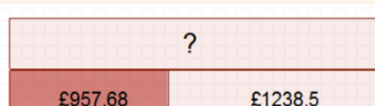


Year Five

- Add whole numbers with more than 4 digits, using column addition, to two decimal places
- Find missing digits

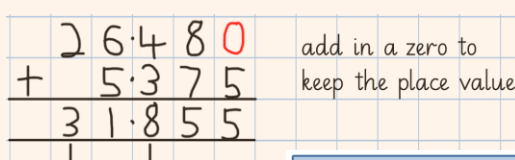


make estimate
125 + 120 = 250



Year Six

- Add whole numbers with more than 4 digits, using column addition, to three decimal places
- Find missing digits



add in a zero to
keep the place value

