

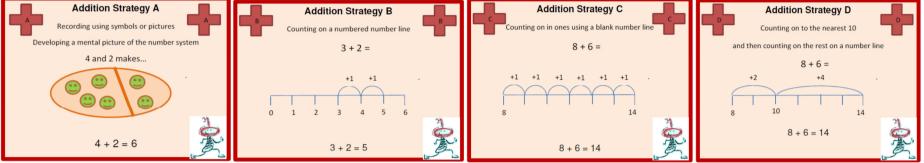


Strategies for the Written Method of Calculation for Addition

(Strategies indicate end of year expectations)

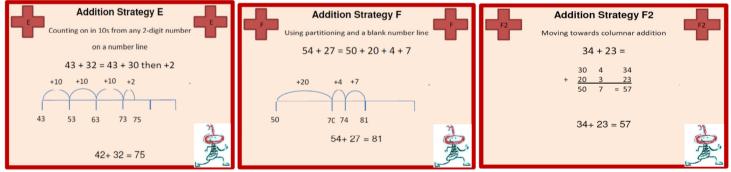
# Year One

Statutory Guidance: add one-digit and two-digit numbers to 20, including zero. Solve one-step problems that involve addition, using concrete objects and pictorial representations, and missing number problems.



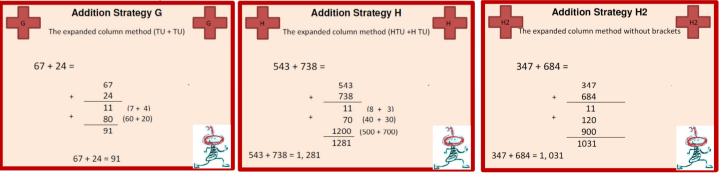
#### <u>Year Two</u>

Statutory Guidance: solve problems with addition: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods. Add numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; two-digit number and tens; two two-digit numbers; adding three one-digit numbers.



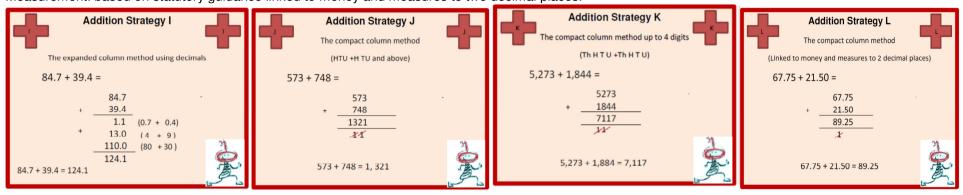
# <u>Year Three</u>

Statutory Guidance: add numbers with up to three digits, using formal written methods of columnar addition. Solve problems, including missing number problems, using number facts, place value, and more complex addition.



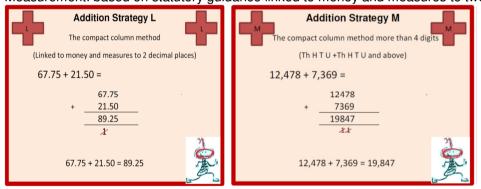
### Year Four

*Statutory Guidance*: add numbers with up to four digits using the formal written methods of columnar addition where appropriate. Measurement: based on statutory guidance linked to money and measures to two decimal places.



# Year Five

*Statutory Guidance*: add whole numbers with more than four digits, including using formal written methods (columnar addition). Measurement: based on statutory guidance linked to money and measures to two decimal places.



# Year Six

*Statutory Guidance*: solve addition multi-step problems in contexts, deciding which operations and methods to use and why.

Measurement: solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.