

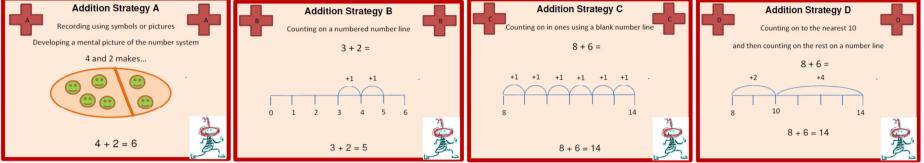


Strategies for the Written Method of Calculation for Addition

(Strategies indicate end of year expectations)

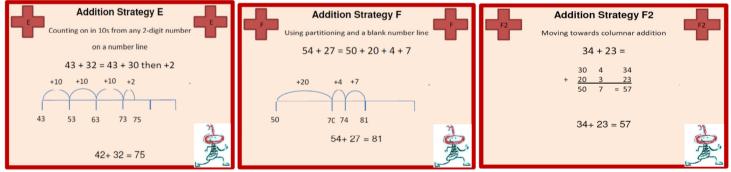
Year One

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.



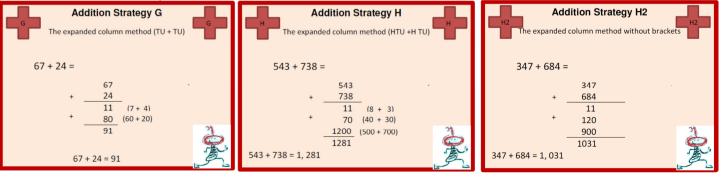
<u>Year Two</u>

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.



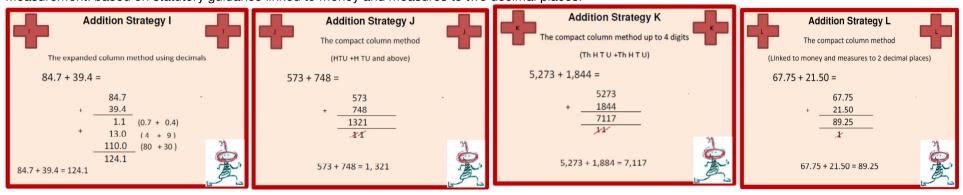
<u>Year Three</u>

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.



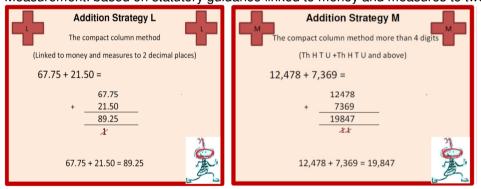
Year Four

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.