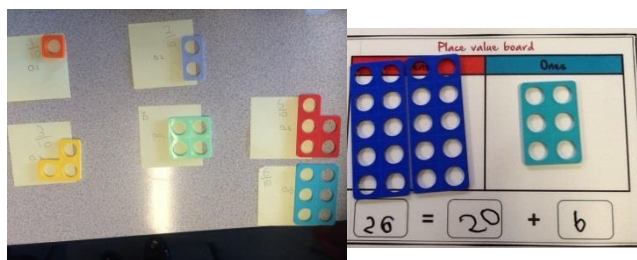


The Singapore Approach

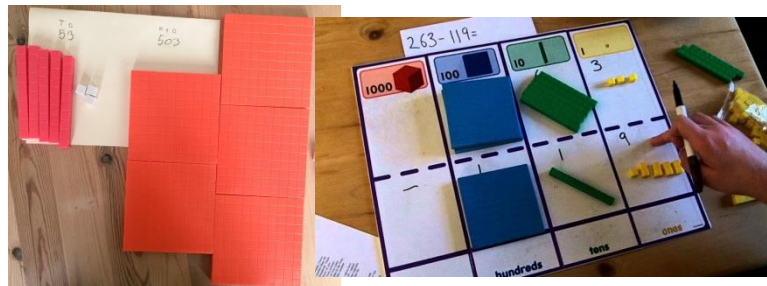
At Wingrove, we adopt the Singapore approach to delivering mathematics. The Singapore method of teaching places great emphasis on: problem solving and comprehension, allowing children to relate what they learn to prior knowledge; careful scaffolding of core competencies of: visualisation (as a platform for comprehension), mental strategies (to develop decision making abilities) and pattern recognition (to support the ability to make connections and generalise) as well as more emphasis on the foundations for learning so children learn to think mathematically as opposed to learning procedures.

To support children in their learning, we use a wide range of practical equipment which supports children in developing number sense and becoming secure in their methods of calculation.

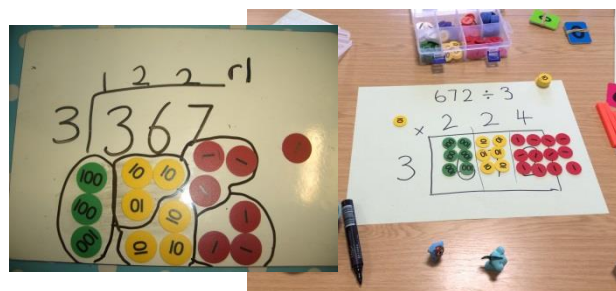
Numicon



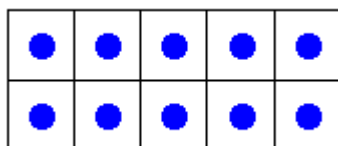
Dienes/Base 10



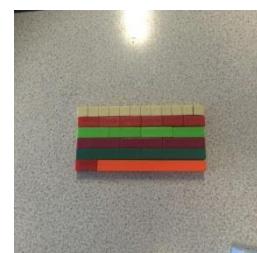
Place value counters



Tens frames



Cuisenaire rods



In order to support the children in developing their ability to problem solve, we use the Singapore Bar method. This teaches children to draw a visual representation of a word problem.

