

## Calculation Policy for Parents.

This booklet has been designed as a guide for parents, to help them understand how the four operations (addition, subtraction, multiplication and division) are taught in our School.

The maths work your child is doing at school may look very different to the kind of 'sums' you remember. The teaching of maths is now about developing an understanding of number and not just knowing which kind of calculation to perform in a given situation. Initially children work through practical, oral and mental activities as children begin to understand these ideas they develop ways of recording to support their thinking. These informal methods become more efficient and succinct and lead to efficient written methods.

The calculation policy is organised according to age stage expectations as set out in the National Curriculum 2014, however pupils will be taught according to the level that they are currently working at, being moved onto the next level as soon as they are ready, or working at a lower stage until they are secure enough to move on. This means a pupil currently achieving below the average level is likely to be working at the level of year groups below, and vice versa for pupils working at above average levels. Please feel welcome to come and ask your child's class teacher to clarify with you the stages / methods your child is working on if you are unsure.

If your child gets 'stuck' on a particular stage it is always worth revisiting the previous stage or stages to review their understanding.



## Addition - add with up to 3 digit numbers

Children are taught to understand addition as combining two sets or more and counting on.


Children will continue to use empty number lines with increasingly large numbers, including compensation where appropriate.
Count on from the largest number irrespective of the order of the calculation

Rounding and adjusting

Children will move onto columnar addition. They will initially be supported in this by using practical equipment

Children will start to add the most significant numbers first, which is how we solve the calculations in our head.

The children will quickly move on to adding the least significant digit first.

| Key number skills | Key vocabulary <br> add, more, plus, and, make, <br> altogether, total, equal to, <br> equals, double, most, count on, <br> number line, sum, tens, ones, <br> partition, addition, column , tens <br> boundary |
| :--- | :--- |
| Read and write numbers to 1000 |  |
| in numerals and words. |  |
| Add 2-digit numbers mentally |  |
| lincl. those exceeding 100. |  |
| meve on to the compact column |  |
| merser is written below the |  |









