Suffield Park Infant and Nursery School Calculation Policy updated May 2024
This policy shows the methods used to teach addition, subtraction, multiplication and division at Suffield Park. It follows the concrete, pictorial, abstract (CPA) approach adopted by our school. It has been written to ensure consistency and progression throughout the school and reflects a whole school agreement.

|  | Addition | Subtraction | Multiplication | Division |
| :---: | :---: | :---: | :---: | :---: |
| Rec | Children are encouraged to explore addition using practical resources which can be manipulated e.g. counters, multilink, numicon, counting bears, bead string. Children are supported by using sentence stems e.g. First there were... Then I added... Now there are There are $\qquad$ altogether/There are $\qquad$ left. Here are some examples: <br> Children are then encouraged to solve addition problems by counting items that cannot be moved. <br> For example: <br> Some children may begin to use pictures to show addition e.g. drawing dots on a ladybird, drawing pictures to solve problems etc. <br> Here are some examples: | Children are encouraged to explore subtraction using practical resources which can be manipulated. These could be counters, multilink, numicon counting bears, bead string etc. Children are supported by using sentence stem e.g. First there were... Then I took $\qquad$ away... Now there are $\qquad$ left. <br> Here are some examples: <br> Children are then encouraged to solve subtraction problems by counting items that cannot be moved. <br> For example: <br> Some children may use to use pictures to show subtraction. <br> For example: | Children are encouraged to use practical resources to count repeated groups of the same size. They will solve problems including doubling. <br> For example <br> Children are then encouraged to use this knowledge to count items that cannot be moved. For example: | Children will use practical resources to solve problems, including halving and sharing. They will share objects into equal groups and count how many in each group. <br> We explore equal as fair and unequal as unfair sharing. We also explore sharing odd and even numbers. Children use sentence stems such as: It is fair/not fair because.. For example: <br> Children are then encouraged to use this knowledge to count items that cannot be moved For example: <br> There are 6 cakes. Can you share them? Try saying "one for me, one for you" |





