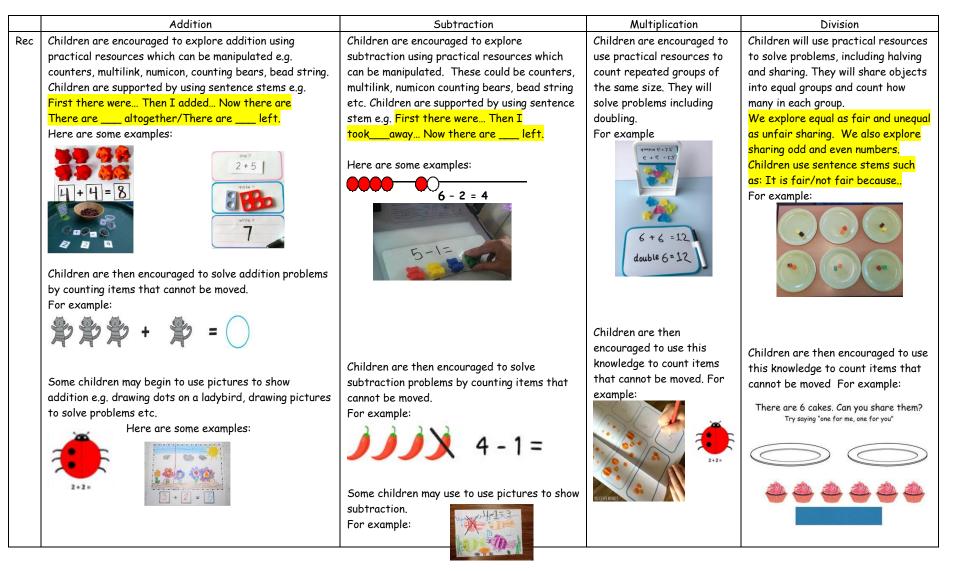
## Suffield Park Infant and Nursery School Calculation Policy updated May 2024

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.



У1	Children are encouraged to use practical resources which can be manipulated to explore addition. These could be counters, multilink blocks, bead strings etc.	Children are encouraged to use practical resources which can be manipulated to explore subtraction. These could be counters, multilink blocks, bead strings etc.	Children will use practical items (counters, multilink blocks, counting elephants etc.). to create an array. E.g. 3 × 6 = 18	Children will understand equal groups and share items out in play and problem solving. For example grouping 12 cupcakes into 2's or sharing 12 cupcakes between 2.
	Children are then encouraged to solve addition problems by counting items that cannot be moved. For example:	Children are then encouraged to solve subtraction problems by counting items that cannot be moved. For example:	Children may begin to draw an array using their own	Children will be taught to draw a representation of 'grouping' to solve division. e.g. 12 ÷ 3 = 4
	Once they have a secure understanding of addition using practical resources and pictures, children are taught to draw their own representation of the number. For example: 4 + 5 = 9	Once they have a secure understanding of subtraction using practical resources and pictures, children are taught to draw their own representation of the number. For example: <b>7 - 5 = 2</b>	representations. 3 x 6 = 18 1 2	Children will be taught to draw a representation of 'sharing' to solve division. e.g. 12 ÷ 3 = 4
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need to draw something to support this e.g. 1. 10 2. 22 3 2. 22 3 2. 22 3 2. 22 3 2. 22 3 2. 20 3
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