	Addition	Subtraction	Multiplication	Division
Rec	Children are encouraged to develop a mental picture of the number system in their heads to use for calculation. They should experience practical calculation opportunities using a wide variety of equipment, e.g. small world play, role play, counters, cubes, songs and their fingers. They develop ways of recording calculations using pictures, marks and numbers. They begin to understand the use of a numberline / number track through teacher demonstration.	Children are encouraged to develop a mental picture of the number system in their heads to use for calculation. They should experience practical calculation opportunities using a wide variety of equipment, e.g. small world play, role play, counters, cubes, songs and their fingers. They develop ways of recording calculations using pictures, marks and numbers. They begin to understand the use of a numberline / number track through teacher demonstration.	Children will experience equal groups of objects and will count in 2s 5s and 10s. They will work on practical problem solving activities involving equal sets or groups using a wide variety of equipment, e.g. small world play, role play, counters, songs, cubes etc. They develop ways of recording calculations using pictures, marks and numbers.	Children are encouraged to develop a mental picture of the number system in their heads to use for calculation. They will count in 2's, 5's and 10's. They should experience practical calculation opportunities involving equal groups and sharing items using a wide variety of equipment, e.g. small world play, role play, counters, cubes etc. They develop ways of recording calculations using pictures, marks and numbers.
¥1	Children will initially use practical equipment to combine aroups of objects	Using pictures	Children will experience equal groups of objects.	Children will count in 2s and 10s and later in 5s.
	to find the total. They will move on to the use of number tracks and Base 10 equipment to support their developing understanding of addition.	The second secon	They will count in 2s and 10s and begin to count in 5s.	In problem solving contexts, children will use practical equipment to share out objects equally and to aroun objects
		all me en con ce	They will work on practical problem solving activities involving equal sets or groups.	to represent division. Sharing
		Children will use practical equipment for subtraction by		6 football stickers are shared between 2 people, how many do they each get?
			* *: <b>\$</b> *	Children may solve this by using a 'one for you, one for me' strategy until all of the cards have been given out.
	11 + 5 = 16 Model of Base 10 equipment	1  2  3  4  5  6  7  6  9  10  11  12  13  14  15  14  17  13	(1) Ye110	
	They also use numberlines and practical resources to support calculation.	Count out 13 cubes along the number track followed by removal of 5 cubes to give answer: 13 - 5 = 8	•\$@1	
		<u>Subtraction as finding the difference</u> In preparation for understanding how to find the		Ť Ť
	3 + 2 = 5 +1 +1	difference by counting up, children should be shown that finding the difference is linked to subtraction and the		Children should find the ensure by sounting how many conde
	$\land \land$	teacher should ensure the children know that it is an appropriate strategy to use when the numbers are close		1 person has got.
	0 1 2 3 4 5 6 7 8 9	together		<u>Grouping</u> There are 6 football stickers, how many people can have 2 stickers each?
		1  2  3  4  6  •  7  0  •  10  11  12  13  14  15  16  16  0  17  10  14  15  16  16  0  17  10  14  15  16  16  16  17  10  14  15  16  16  16  17  10  14  15  16		
				Children should find the answer by counting how many <b>groups of 2</b> there are.
				The teacher can model the link between sharing and grouping in the following way by relating back to the first football sticker question:
				Placing the football stickers in a bag or box, the teacher can ask the children how many stickers would need to be taken out of the box to give each person one sticker each (i.e. 2) and exemplify this by putting the cards in groups of 2 until all cards have been removed from the bag.

