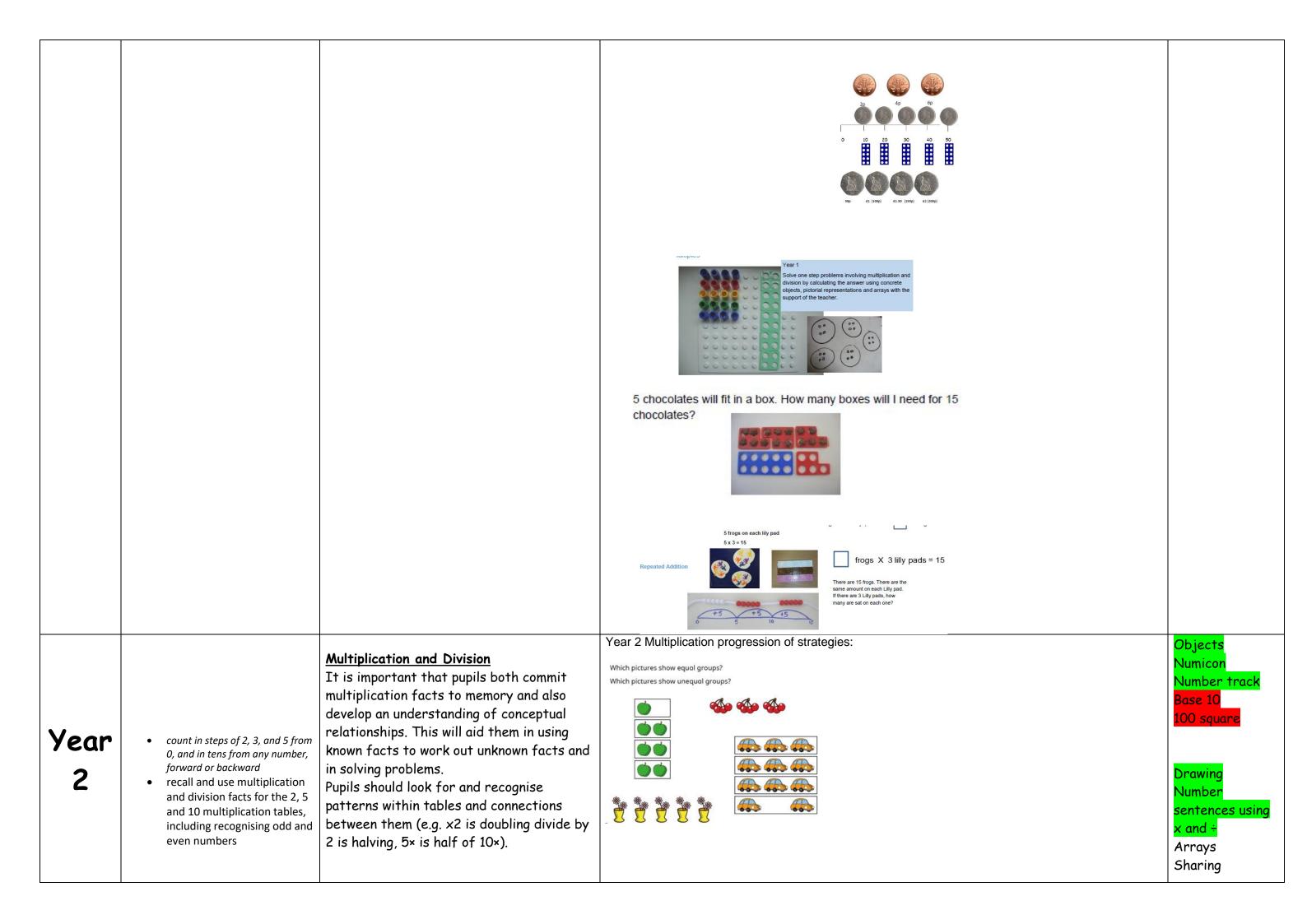
Year	Multiplication and Division		Resources
group	Objective		
	ELG Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer. They solve		Objects Bead strings Numicon
Year	problems, including doubling, halving and sharing.	3 friends wanted to share the last 6 apples. To make it fair they need the same amount each.	Drawing
R			
	Multiplication and Division Counting in steps of equal sizes is based on the		Objects Numicon
Year 1	• count in multiples of twos, fives and tens big idea of 'unitising'; treating a group of, say, five objects as one unit of five. Working with arrays helps pupils to become aware of the commutative property of multiplication, that 2 × 5 is equivalent to 5 × 2.	3 pairs	Drawing Number sentences Bar model Jottings.



Pupils should recognise multiplication and grouping division as inverse operations and use this Counting on and knowledge to solve problems. They should counting back **Repeated** also recognise division as both grouping and sharing. Children should begin to use their addition multiplication facts to help them solve Bar model division i.e. $3 \times 5 = 15$ so 15 divided by 5 = 3<mark>Jottings.</mark> The recognition of pattern in multiplication Mental counting Complete the sentences to describe the equal groups. helps pupils commit facts to memory, for on using number example doubling twice is the same as families. •••• ••• ••• multiplying by four, or halving a multiple of ten gives you the related multiple of five. There are _____ equal groups with _____ in each group. Share 12 into 3 groups. How many are in each group?

Group these counters into groups of 5.

