Multiplication

- 1. Repeated addition. This refers to the idea that multiplication means so many 'sets of' or 'lots of'. Language used includes: so many sets of, lots of, how many altogether, per and each.
- 2. Scaling structure. This refers to the idea that an amount increased by a scale factor. Language used includes: doubling, trebling, so many times bigger/longer/heavier than, so many times as much as.

Concrete	Pictorial					Abstract		
Counting in 2s, 5s and 10s is taught in CLIC. Coins may be used to help this.	Children encouraged to count in 2's, 5's and 10's where appropriate. 3 lots of 2.						Move on to written calculation. Show all stages with repeated addition and as a multiplication calculation.	
Setting out lots of objects e.g 2 lots of 3 and counting the total.	3	×	2	=	=	6		2 + 2 + 2 = 6 $2 \times 3 = 6$
multiply/times by lots of fact family		•						3 + 3 = 6 $3 \times 2 = 6$
	2 lots (,		3	=		6	
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