Maths - Year 3
Calculating 5: Revising multiplying at repeated adding

Key Vocabulary

Times/how many times	Times means multiplying and 'how many times' refers to how often an object or number is repeated.
Repeat	Repeated addition e.g. 3 + 3+ 3 + 3 = 3 x 4.
Lots of/groups of/set of	This refers to groups of the same number e.g. 4 groups of 5 = 5 + 5 + 5 + 5 = 4 x 5.
Product	The number resulting from multiplying two or more numbers together.

Mathematical Skills

- Understand that 'times' means how often an object or action is repeated.
- Understand that multiplying is used instead of adding repeated groups.
- Understand that the x symbol is called the multiplying sign (or symbol)
- Explain the connection between adding and multiplying e.g. fives times the 3-shape (or rod) as five times three and record as 5 x 3.
- Organise work with apparatus and record systematically.
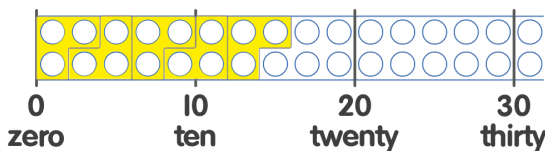- Compile a multiplication table and read it.

Mathematical Methods

- Understand multiplication as repeated addition.

$3 + 3 + 3 + 3 + 3$ $\qquad$ $5 \times 3 = 15$

Number of Days	How many slices of bread – repeated adding	How many slices of bread – multiplying
1 Day	2 + 2 + 2 = 6	2 × 3 = 6
2 Days	2 + 2 + 2 2 + 2 + 2 = 12	2 × 6 = 12
3 Days	2 + 2 + 2 2 + 2 + 2 2 + 2 + 2 = 18	2 × 9 = 18

Can you..?

- Write the number sentence for the Numicon shapes.

- Complete these number sentences: 8 x 2 =;   5 x 7 =;   7 x 4 =;   9 x 3 =

- 4 children take part in a bean bag race and they each balance 8 beanbags. How many bean bags are needed for the race?

- Can you write this as a multiplying sentence: 3 + 3 + 3 + 3