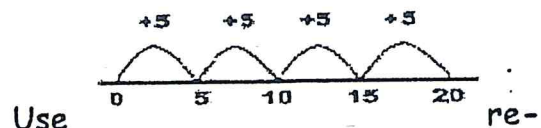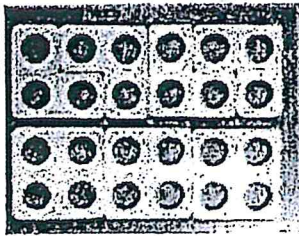# MULTIPLICATION X

Year 2 Multiplication using arrays and repeated addition.
(using at least 2s, 5s and 10s)

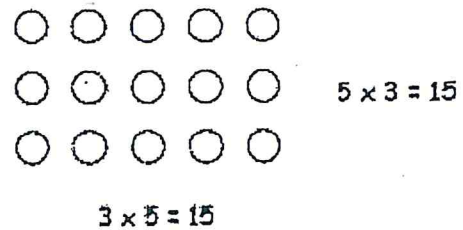Starting from zero, make equal jumps on a number line to work out multiplication facts and write multiplication
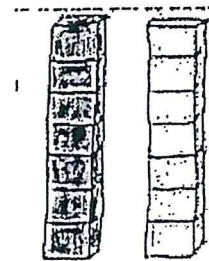
Use repeated addition on a number line:

+5 +5 +5 +5

0   5   10   15   20

$$4 \times 5 = 20$$

Use arrays and Numicon to help teach children to understand the commutative law of multiplication and give

O O O O O
O O O O O $5 \times 3 = 15$
O O O O O

$3 \times 5 = 15$

Learn doubles to double 20

Begin to double multiples of 5 to 100

Begin to double two-digit numbers less than 50 with 1s digits of 1, 2, 3 4 or 5

Key vocabulary groups of, lots of, times, array, altogether, multiply, count, multiplied by, repeated addition, column, row, sets of, equal groups, times as big as, once, twice, three times...

Key Skills for addition at Year 2

- Count in steps of 2, 3 and 5 from zero and in 10s from any number
- Know the 2X, 5X and 10X tables and begin to say how many 10s are in 40 or how many 5s are in 30; recognise odd and even answers
- Write and calculate number statements using x and = signs
- Show that multiplication can be done in any order
- Solve a range of problems involving multiplication, using concrete objects, arrays, repeated addition, Numicon, mental methods and multiplication facts