



YEAR 2	Multiplication (2, 5 and 10 times table, rote count only in 3s)	
Vocabulary: Multiplication, multiply, multiple, times, equal groups of, lots of, repeated addition, equal, same, number sentence, calculation, number,		
numeral, digit, pattern, commutativity, inverse, array, row, column, multiplication tables/facts, once, twice, three, tentimes a big, repeated addition.		
See Year 1 for doubles.		
Concrete	Pictorial	Abstract
Understand equal groups	Understand equal groups	Written mathematical statements and calculations to be shown alongside pictorial representations. However, see below for mental recall.
		Children to <b>instantly</b> recall the <b>2</b> , <b>5</b> and <b>10</b> times tables.
There are 4 equal groups of 5 pencils.	4 groups of 5.	Children to understand, <b>show</b> and <b>use</b> the <b>inverse</b> relationship between <b>multiplication</b> and <b>division</b> e.g.
Add equal groups: repeated addition	Add equal groups: repeated addition	$4 \times 10 = 40$ $4 \times \Box = 40$
		$10 \times 4 = 40$ $\Box \times 10 = 40$
How many fingers altogether?	5 + 5 + 5 = 15	$40 \div 10 = 4 \qquad \qquad 40 \div \square = 40$
5 + 5 + 5 = 15	$\begin{pmatrix} \circ & \circ \\ \circ & \circ \end{pmatrix} \begin{pmatrix} \circ & \circ \\ \circ & \circ \end{pmatrix} \begin{pmatrix} \circ & \circ \\ \circ & \circ \end{pmatrix} \begin{pmatrix} \circ & \circ \\ \circ & \circ \end{pmatrix}$	$40 \div 4 = 10 \qquad \Box \div 4 = 40$ Counting on
		7 x 5 = By counting on in the fives pattern using fingers to keep track. Using doubling and halving:





