Stages of learning Multiplication Facts
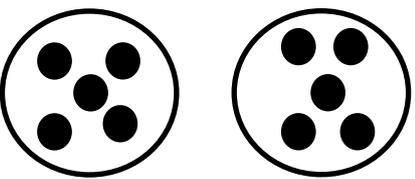
Making a Model	Use concrete items. E.g. Use 5 cups each containing 2 buttons. Children may describe this as 5 x 2 or 2 x 5 Similarly, given the equation 5 x 2 children may make their own model of this using concrete items such as cups and buttons. Ensure children are able to say what each number represents. E.g. 5 is the number of cups, 2 is the number of buttons in each cup.
Drawing and Counting	E.g. What is 5 x 2? Children may draw 5 groups of 2 Or 2 groups of 5
Skip Counting	E.g. What is 5 x 2? Children may count in rote: 2,4, 6, 8, 10 or 5,10
Using Known Facts	E.g. What is 5 x 2? Children may know that 10 x 2 = 20. 5 is half of 10 so they can half 20 to find the answer they need. Similarly, children may know that 2 x 2 =4 and so they can work out 4 x 2 by doubling the initial answer.
Committing to Memory	Children are able to quickly recall multiplication facts from memory without using any of the above methods.