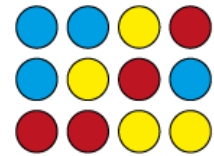# Handfuls and Arrays

(suitable for Year 2/3 onwards)

This an extension on the Handfuls activity and introduces Multiplication and Division.

- Can you make an array from your total? (making equal rows and columns)
- Record what you made (as rows or a number sentence)
- Record all the facts (eg 9x4 array = 36, therefore 4x9=36, 36÷9=4, 36÷4=9)
- Try 'Array busting' (eg. 9x4 can be solved by making 5x4 and 4x4, or 2x9 and 2 x9 - this assists students with solving difficult or larger totals)
- Move to abstract 'busting' (eg I don't know what 9x4 equals...but I know 6x4=24 and 3x4=12 so I can put those two totals together to make 9x4)