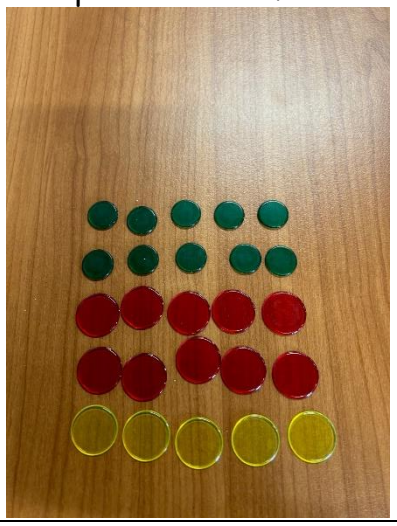
Array Cards

Learning Focus:	To be able to create arrays matching a specified design
Equipment:	Counters – 36 counters per pair Grid Book Array Cards
Language:	Students to read array as a count of a unit – four fives, three sixes etc. When identifying the total, the sentence prompt is: Six fives are 30
Activity:	Students will work in pairs. They will have a collection of array cards either per pair or on the table, from which they will select a card and create using their counters. They will stick the array card in their book and then draw a matching record of the array they made.
Enabling:	Initial concept – no enabling required
Extending:	Students may be given a range of different coloured counters to create the array, representing the doubles as a precursor to formal learning of the strategies 

Make 2 arrays that have the same total	Make 2 arrays that show 20
Make as many arrays as you can with 16 counters	How many arrays can you make that are square?
Make an array that is a line	Use an amount of counters that can only make 1 array
Make an array with an odd number of groups	Make an array with an even number of groups
Make an array with an even number in each group	Make an array with an odd number in each group
Make an array that has no doubles in it	Make an array that has 1 set of doubles in it
Make an array that has 2 sets of doubles in it	Make an array that has three sets of doubles
Make an array with 2 groups	Make an array with 3 groups
Make an array with 4 groups	Make an array with 5 groups
Make an array with 6 groups	Make an array with 2 in each group
Make an array with 3 in each group	Make an array with 4 in each group
Make an array with 5 in each group	Make an array with 6 in each group