Big Ideas in Number Resource Information

Big Ideas in Number Focus Area: **Trusting the Count**

Name of Game or Activity: Dice Addition 4 in a row

Instructions: The aim of the game is to get four of your own counters in a row.

Roll the two dice. Add the numbers together and place a counter on that number. Take it in turns until a player wins or the board fills up.

Resources: 2 dice, 2 different coloured sets of 13 counters

BIiN Micro Content

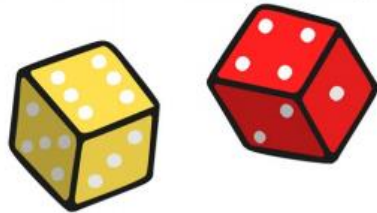|	
Early number experiences – Classifying, grouping, ordering, patterns underpin the development of this idea.	
Each object is counted once – one to one correspondence.	
Collections can be compared on a one to one basis.	
Arrangements of objects in a count does not change the quantity.	
Purpose of counting of subitizing is to quantify.	
Counting numbers (the number string) are always said in the same order.	
Counting on and back can be used to solve simple problems.	✓
Subitizing or instant recognition of small groups can be a means of quantifying.	
Small numbers can be seen as a combination of others.	✓
There are multiple ways of grouping objects	
The part-part-whole relationship can be used as the basis for operating.	✓
Basic addition facts always give the same result irrespective of arrangement.	✓
Addition and subtraction situations can be considered in terms of a whole and two parts, one of which is unknown or missing.	
Additive thinking is employed to solve problems with small numbers.	✓
Skip counting to find the total will give the same result as one-one counting.	
Share portions from a quantity and know that the more portions there are, the smaller the portions will be.	

Dice Addition 4-in-a-Row

You will need:

2 dice

2 different coloured sets of 13 counters

The aim of the game is to get four of your own counters in a row.

Roll the two dice. Add the numbers together and place a counter on that number.

Take it in turns until a player wins or the board fills up.

2	5	10	8	3
4	11	6	4	10
5	7	2	12	8
11	6	4	9	5
12	3	8	6	9