Big Ideas in Number Resource Information

Big Ideas in Number Focus Area: Trusting the Count

Name of Game or Activity: Addition to 18 using numbers, words and amounts.

Instructions: Work individually, in pairs or small groups. Each person has a base board to 18 a set of cards and 3 dice. Each child spins 1, 2 or 3 dice, they then add the amount shown and find the card that matches that amount. Children can choose which cards they place on the base board as long as they correspond to the amount shown on the dice.

Resources: 1-18 base board each (A3), 3 dice each and a set of 1-18 cards each (cut out and laminated).

BliN Micro Content

Early number experiences – Classifying, grouping, ordering, patterns underpin the development of this idea.	**X**
Each object is counted once – one to one correspondence.	**X**
Collections can be compared on a one to one basis.	
Arrangements of objects in a count does not change the quantity.	**X**
Purpose of counting of subitizing is to quantify.	**X**
Counting numbers (the number string) are always said in the same order.	**X**
Counting on and back can be used to solve simple problems.	**X**
Subitizing or instant recognition of small groups can be a means of quantifying.	**X**
Small numbers can be seen as a combination of others.	**X**
There are multiple ways of grouping objects	**X**
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.	

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18

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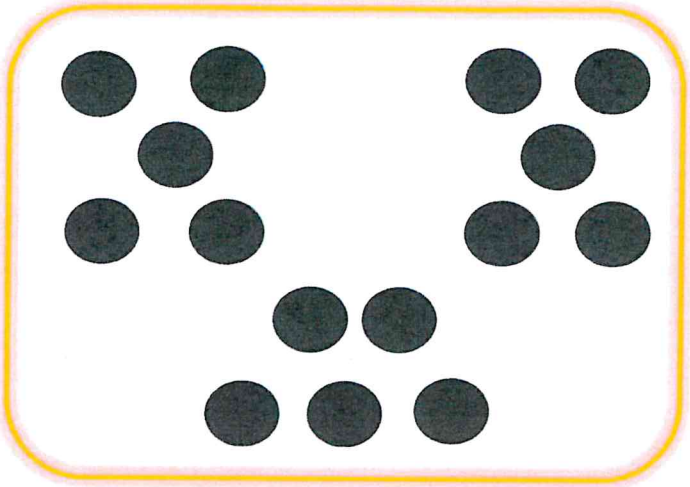

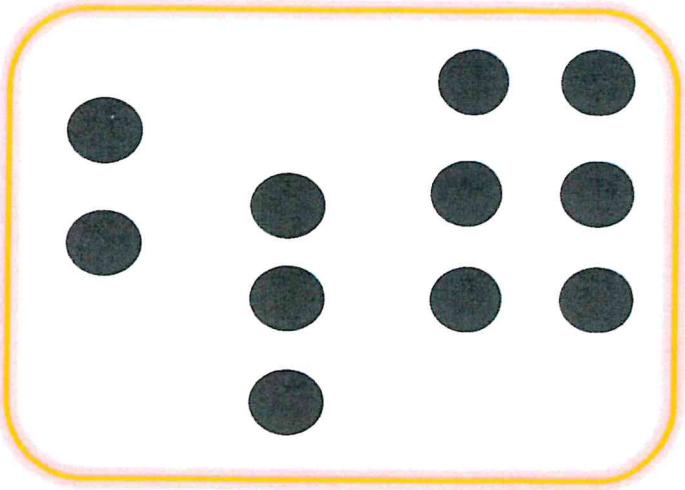

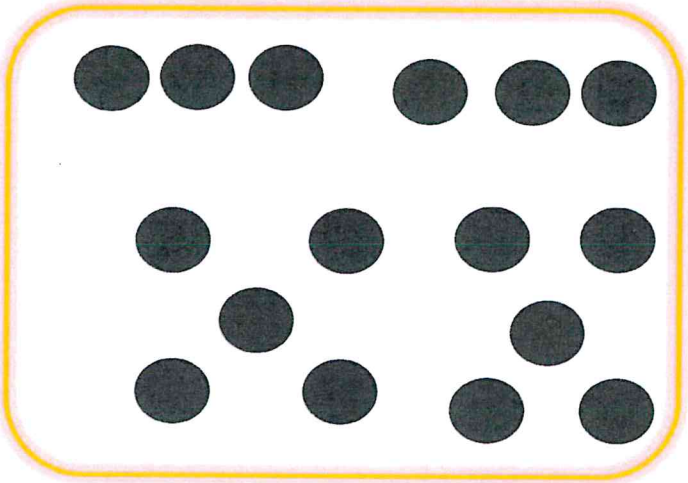

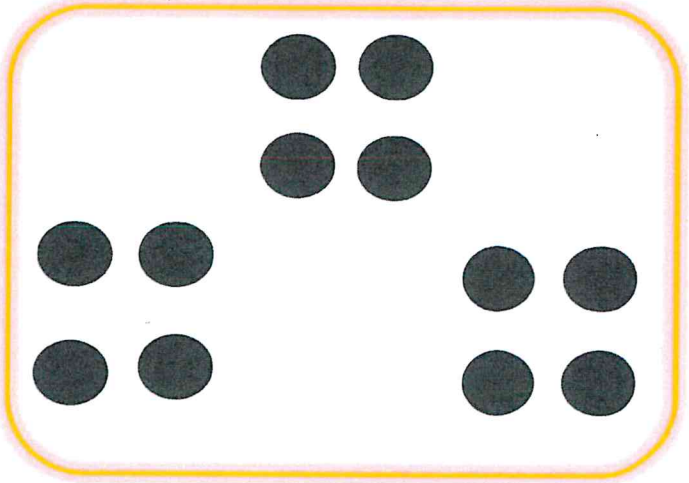

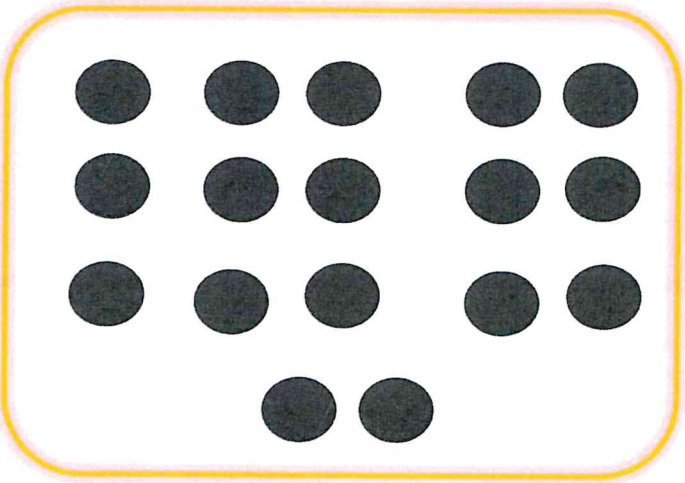

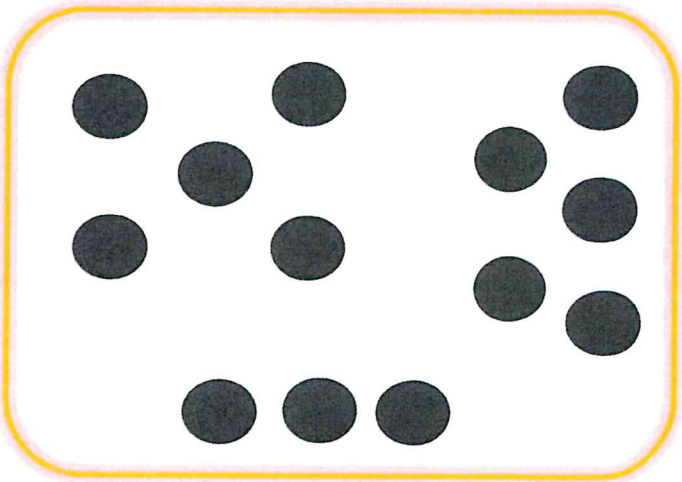

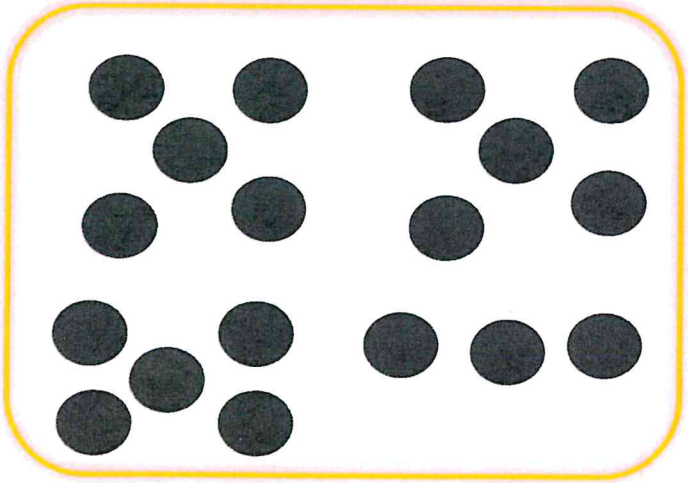

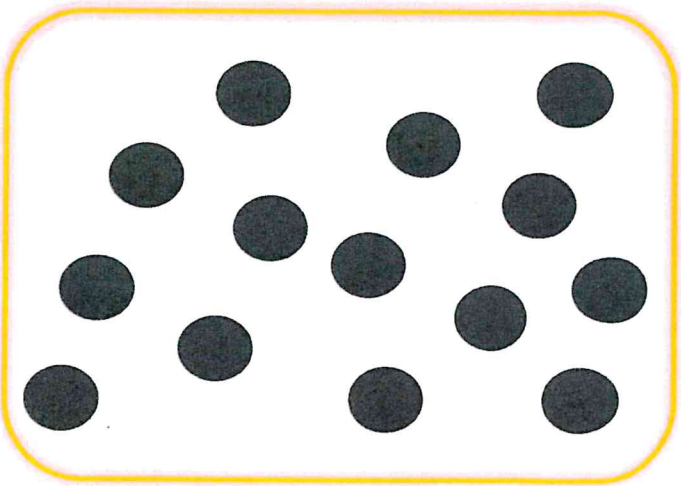

eleven

twelve

thirteen

fourteen

fifteen

sixteen

seventeen

eighteen

3	4	5	6
three	four	five	six

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one

1

two

2

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7

seven

8

eight

9

nine

10

ten

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