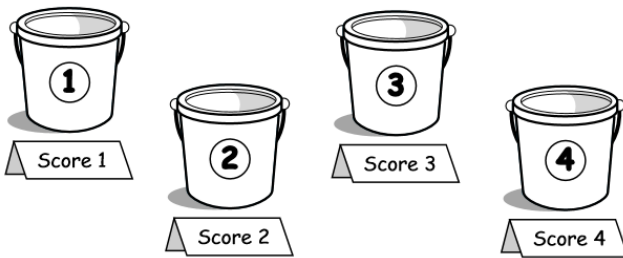


Objective: Add numbers to 20

Year 1 Task: Bean Bag Buckets

Bean-bag buckets

Dan threw 3 bean-bags.
Each bag went in a bucket.
More than one bag can go in a bucket.



1. What is the highest score Dan can get?
2. Find three ways to score 6.
3. Find three ways to score 9.
4. What other scores can Dan get?

Taken from:

ISBN 0 19 312342 8

Mathematical challenges for
pupils in key stages 1 and 2.

This is a practical activity to you can play in the garden with bean bags, balls and any containers or flowerpots. Stick labels on the containers to give each bucket a score.

Worked example

Encourage children to add numbers quickly using facts they know. They have been learning number bonds to 10 (numbers that add to make 10). A frame has been included to help children keep a record of their school. The tens frame helps children to visualise the numbers they are adding together. Each number can be represented by an item such as buttons, coins, pebbles, leaves etc.

Score 4, 4, 3

Record as number sentence and use the tens frames to encourage children to recognise number facts they know.

e.g.



$$4 + 4 + 3 = 11$$

Variation

Challenge

Change the numbers so that children are encouraged to add numbers that go over 10. Keep the numbers below 20: E.g. 4, 6, 3, 7 = 20

Tens frames to use:

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |