

Dr Fog Presents

Mental Maths

Reception (National Numeracy Strategy)
(Based on DFEE Sample Lessons)



Resources

- For this lesson, you will need....
- Beanbags
- Large box
- Cubes



Mental Learning Objective

- Today I can count.



Mental Learning Task

- Today we are going to do some work on finding out how many things are hidden.



Mental Learning Task

- Your teacher will put some bean bags into a bin on a chair.
- Count on your fingers how many did she put in?



Mental Learning Task

- Check and see you have added the right number.
- Now she is going to take some out.
- Can you use your fingers to keep track of how many are left inside?



Mental Learning Task

- Your teacher will now put some beanbags in the box, but won't tell you how many.
- Look in the box quickly.
- How many were there?



Mental Learning Task

- She will now add a few more, counting as she goes.
- How many are there now?



Mental Learning Objective

- Today I can count.



Main Learning Objective

- I can solve simple number problems.
- I am learning about addition and subtraction.



Main Learning Task

- Get the children into pairs.
- Keep playing the same game.
- Take a small pot and some cubes.
- Put a few cubes in the pot.



Main Learning Task

- Tip the contents onto the table.
- Show your partner a quick glance before scooping the cubes back in the pot.
- How many cubes were there?



Main Learning Task

- After a while - bring the children together again.
- Your teacher is going to put some beanbags under the bin.
- Count as she put them in.
- How many are there?



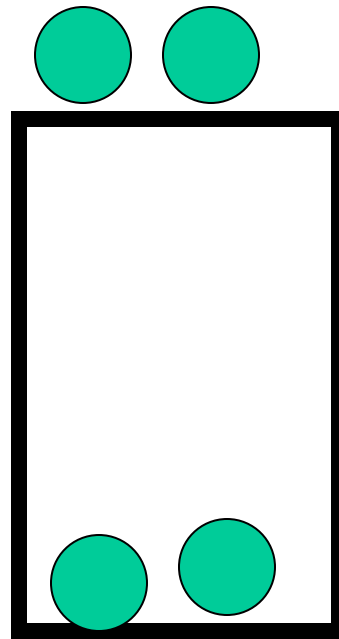
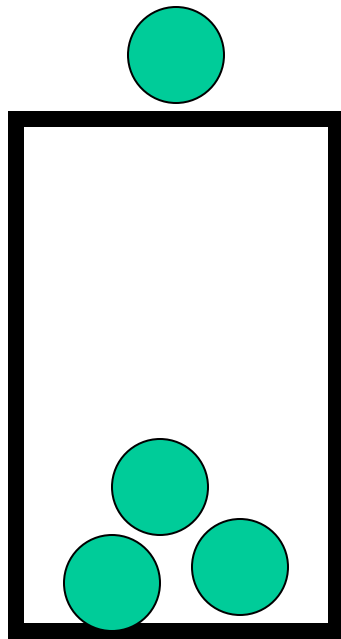
Main Learning Task

- Now Your teacher will take some out and put them on top.
- How many are left underneath?
- Now do it with your pots and beans.



Main Learning Task

- Record your results like this



Main Learning Task

- Challenge:-
- How many different ways can you arrange four counters.
- Try with five, six, and ten counters.



Main Learning Objective

- I can solve simple number problems.
- I am learning about addition and subtraction.



Plenary

- Arrange a few objects in the bottom of the box so they are all visible.
- So allow the children a glance at them.



Plenary

- How many are in there?
- Now I'll add another one... how many are there?
- If I add another, how many now?



Plenary

- Play the game 'Follow My Leader'
- The leader begins by choosing a rule such as:-
- The number that comes next.
- Next two or three numbers.
- Number that comes before
- Leader says a number.
- Rest of class answers it.



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