

Dr Fog Presents

**Adding and
Taking Away
Pairs of Numbers**

Year 1 (National Numeracy Strategy)
(Based on DFEE Sample Lessons)



Resources

- Cloth
- Conkers or other counting objects
- Cubes or Counters
- Blotak or Sticky tape
- Sheets of paper folded in two
- 0-10 number cards with extra '3' card.
- 20 plates with numbers up to 7 written on them.



Mental Learning Objective

- Understanding takeaways and using words about takeaway.



Mental Learning Task

- Today we are going to learn about putting pairs of numbers together to make another number.
- Hide 7 conkers under a cloth.
- Take out 3.
- How many are left?



Mental Learning Task

- Hide 7 conkers under a cloth.
- Take out 4.
- How many are left now?
- How did you know?



Mental Learning Task

- Hide 7 conkers under a cloth.
- Take out 5.
- How many are left now?
- How did you know?



Mental Learning Task

- Hide 7 conkers under a cloth.
- Take out 2.
- How many are left now?
- How did you know?



Mental Learning Objective

- Understanding takeaways and using words about takeaway.



Main Learning Objective

- I am learning my subtraction facts.

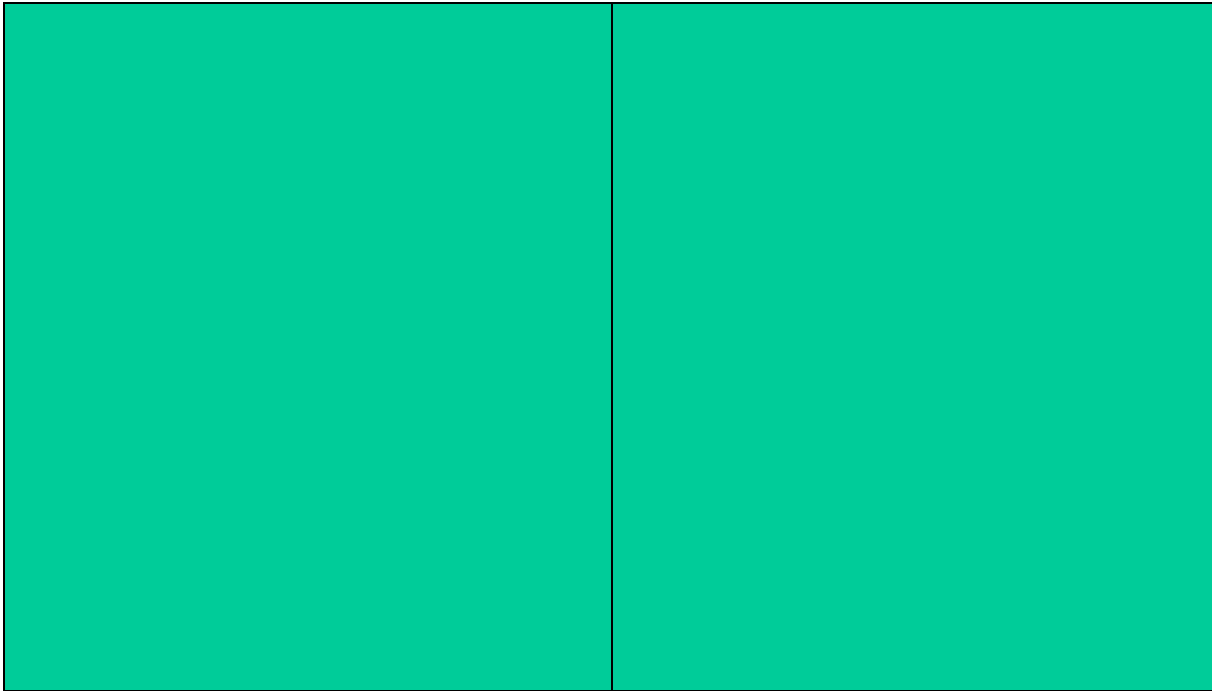


Main Learning Task

- Today we are going to work in 2 groups.
- We will be working with pairs of number to make a third number.



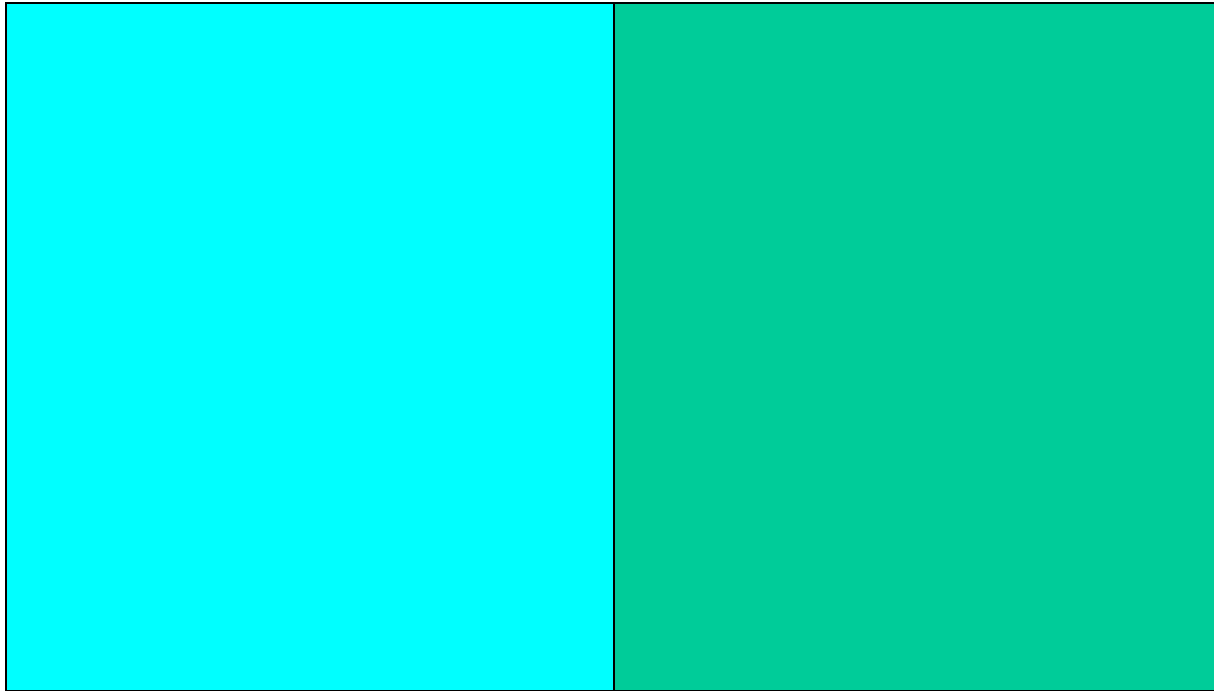
Main Learning Task



- Count out 7 cubes with the children



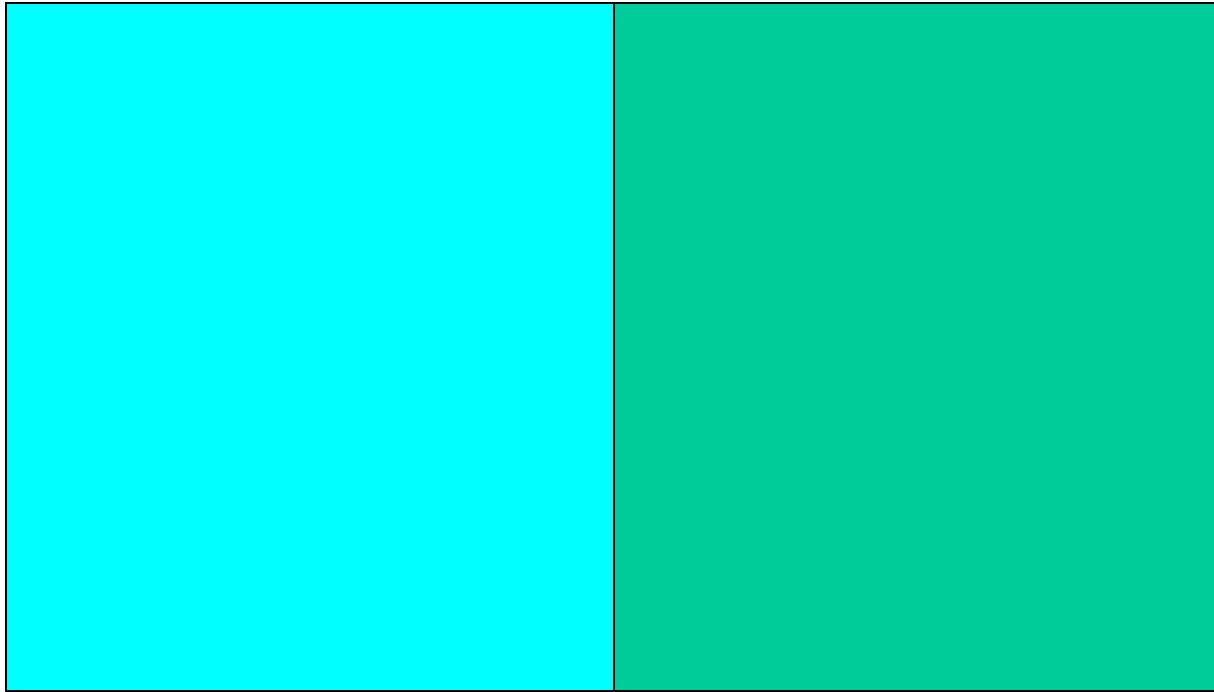
Main Learning Task



- If I place four cubes here with Blutak. How many have I left?



Main Learning Task



- Write the number on each side.



Main Learning Task

- Group 1:- Simpler Activity.
- Child 1 holds on 7 cubes in secret. Put some on the paper.
- Child 2 has to say how many Child 1 has still in their hand.
- Child 1 shows cubes in hand.
- Both count.



Main Learning Task

- Group 2:- Harder Activity
- Each pair needs a sheet of paper divide into two parts.
- Set of 0-10 number cards plus an extra '3' card.



Main Learning Task

- Child 1 chooses a number card to put on the left of the sheet.
- Child 2 finds the other number to make a total of ten and puts this on the right of the sheet.
- Check the answer with cubes.



Main Learning Task

- Write down some of these sums on the board.



Main Learning Task

- Challenges:-
- Children can work with coins instead of cubes.



Main Learning Task

- Challenges:-
- A pair work with a set number of cubes
- Child 1 closes their eyes.
- Child 2 takes some away.
- Child 1 has to say how many.



Main Learning Objective

- I am learning my subtraction facts.



Plenary

- We have been working with number pairs that make 7.
- What goes with four to make 7?
- What goes with one?



Plenary

- A game of 'Pelmanism'
- Put all the paper plates number side down on the floor and shuffle them around.
- Teams take turns in turning over a plate and saying the number.
- If the two numbers add up to 6 you keep the plates.



Plenary

- What number goes with 5 to make 10?
- What must I add to 4 to make 6.
- What must I add to 2 to make 6?
- I am thinking of a number
- I add 2, the answer is 5
- What is my number?



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