

Dr Fog Presents

**Using Number
Lines To
'count on'**

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



Resources

- 0 - 10 Number line for each pair
- Set of 1 - 10 number tiles, big enough for children to stand on.
- Toy People.



Mental Learning Objective

- I can count on from any small number.



Mental Learning Task

- Today we are going to learn about something called 'Counting on'.
- We are going to start by counting on from different numbers.



Mental Learning Task

- Count on from.....

2



Mental Learning Task

- Count on from....

5



Mental Learning Task

- Count on from.....

9



Mental Learning Task

- Count on from.....

4



Mental Learning Task

- Count on from.....

3



Mental Learning Task

- Your teacher will now lay the large number tiles out in a line on the floor so that the numbers 0, 1, and 2 are face up and the rest are face down.
- A child stands on tile 2...



Mental Learning Task

- Start on 2, and walk on 1....
- Where do you land?
- Can someone turn the number over to check...



Mental Learning Task

- If you now go on two more, where do you land?
- Where you right?



Mental Learning Task

- How many steps must you take to get to 6?
- Were you right?



Mental Learning Task

- How many more steps to get to 10?



Mental Learning Task

- How many steps would you take to get from 5 to 8?

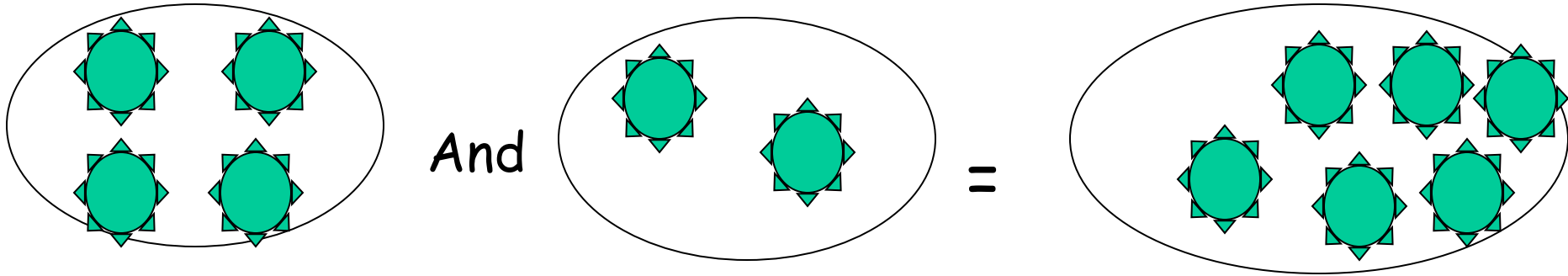


Mental Learning Task

- Show on the board some ways of recording this work in pictures or written.
- See for the screen for more help



Mental Learning Task



- 4 and 2 = 6
- 4 and 2 more is 6
- 4 plus 2 = 6
- $4+2 = 6$



Mental Learning Objective

- I can count on from any small number.



Main Learning Objective

- I know my number bonds
- I can recognise number patterns and how to be systematic.



Main Learning Task

- Today we are going to work in pairs.
- Each pair needs a number line and a toy to count with.



Main Learning Task

- Child 1 chooses a starting number.
- Put your toy there.
- Child 2 makes the toy person walk two steps on.
- What number did you land on?
- Both write the sum.



Main Learning Task

- Challenge:-
- Children can see how many different instructions they can write to land on 8.
- Choose a starting number and a finishing number (use 2 dice) and work out how many steps were between them.



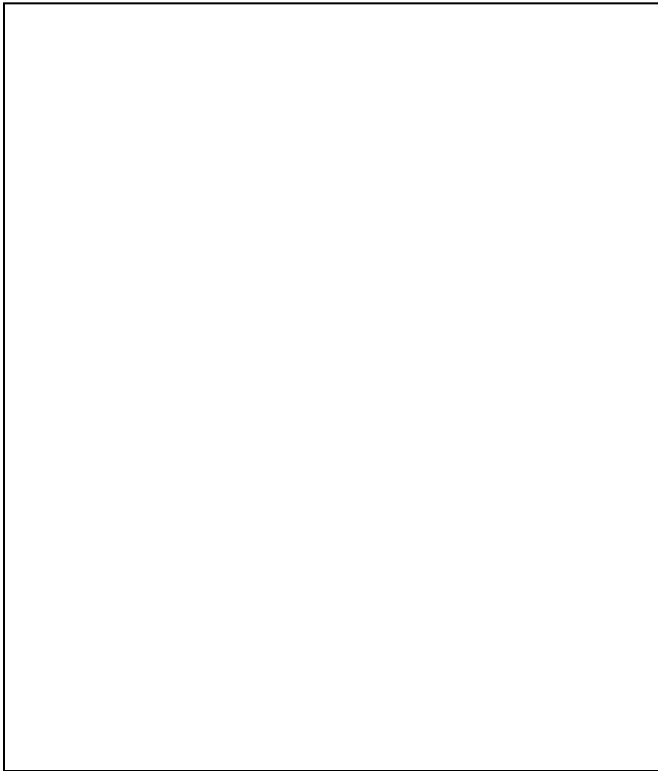
Main Learning Objective

- I know my number bonds
- I can recognise number patterns and how to be systematic.



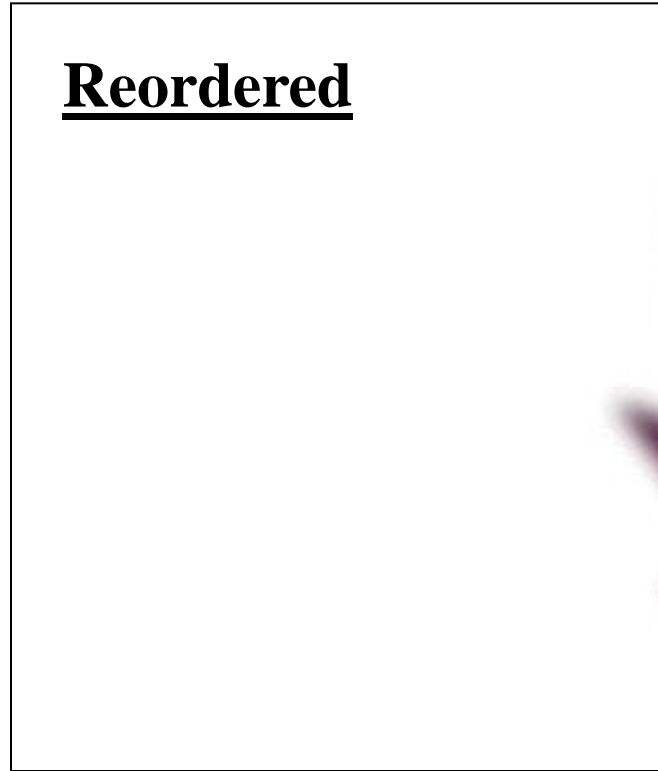
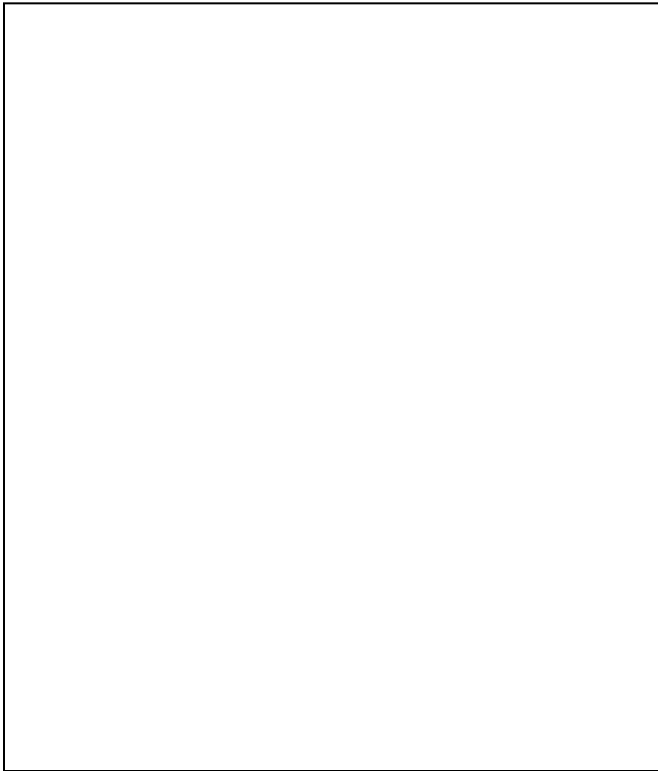
Plenary

- Come to the board and write down some of your results.



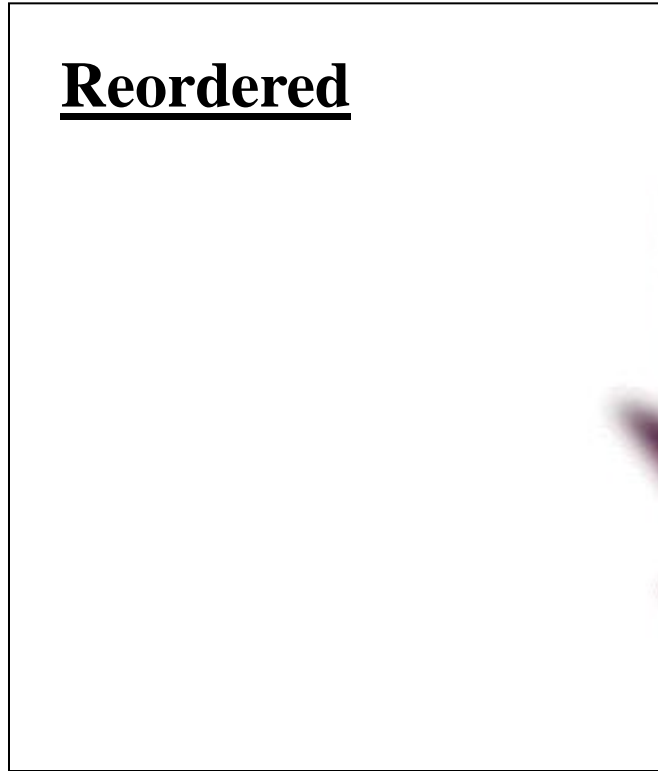
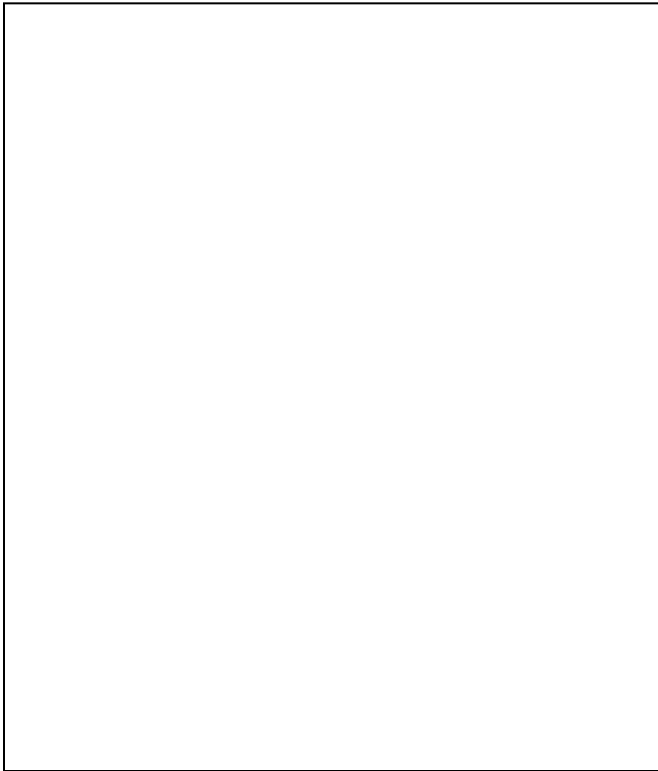
Plenary

- What pattern can you see?



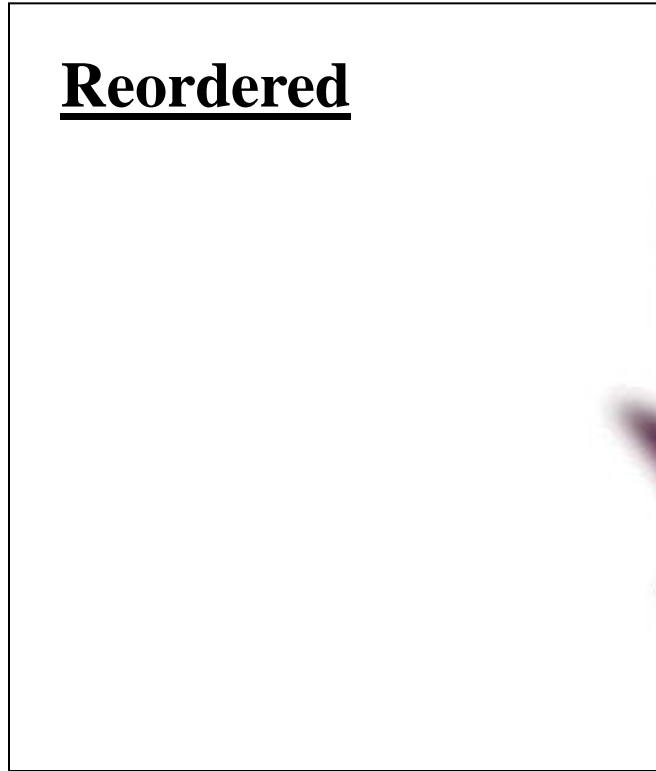
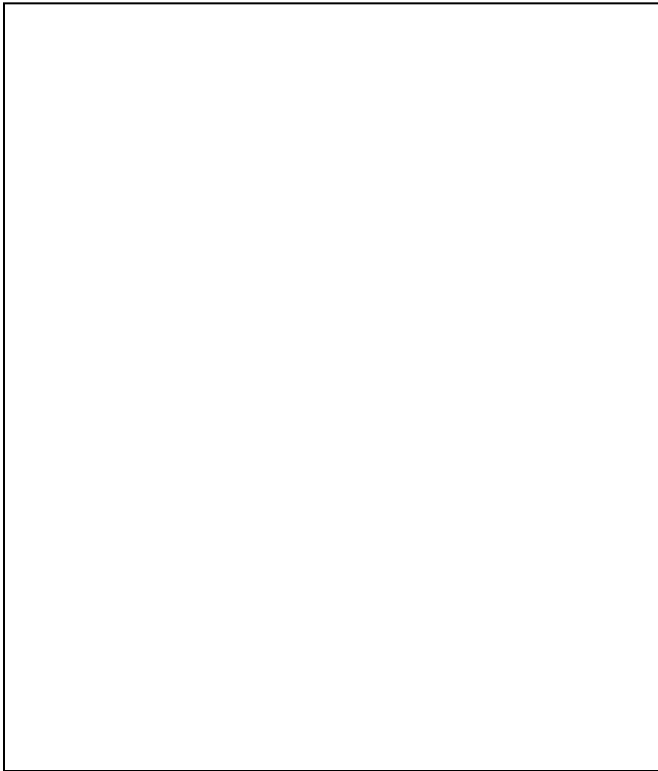
Plenary

- What numbers are missing?



Plenary

- Can you chant the answers as your teacher points to them?



Plenary

- Who can remember what 3 count on 2 is?
- And 2 count on 2?
- And 1 count on 2?



Where Can I Find More Resources Like This?

- You can now visit my teaching resource website at <http://www.DrFog.co.uk>
- You can [click here](#) to search for more of my teaching resources.
- [Click here](#) to visit my TES shop!

