

*Dr Fog Presents*

# Beginning Addition

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



# Resources

- 1 - 10 number cards (Enough for each pair to have three cards)
- 10 large counters.
- Carpet dominoes.
- Wooden or plastic numerals.
- Paper plates.
- Counting materials in a box
- 1-6 dice.



# Mental Learning Objective

- Today I will group items visually so I can count them.
- I can identify numbers that are 'more than' or 'less than' a given number.

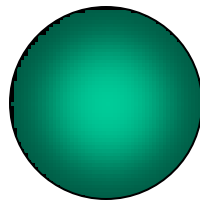


# Mental Learning Task

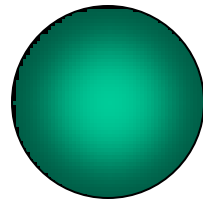
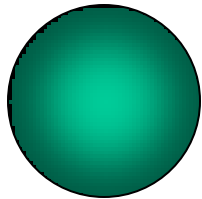
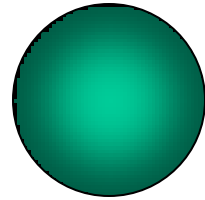
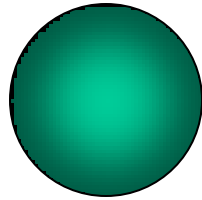
- Today we are going to play bingo.
- Give each pair of three children three number cards.
- If you have the same number on your card as dots on the screen you can turn over your card.



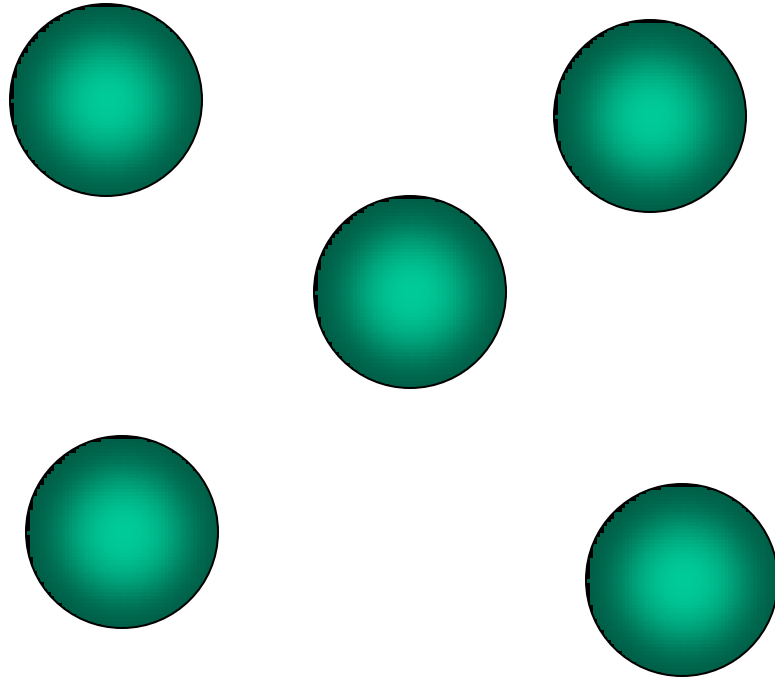
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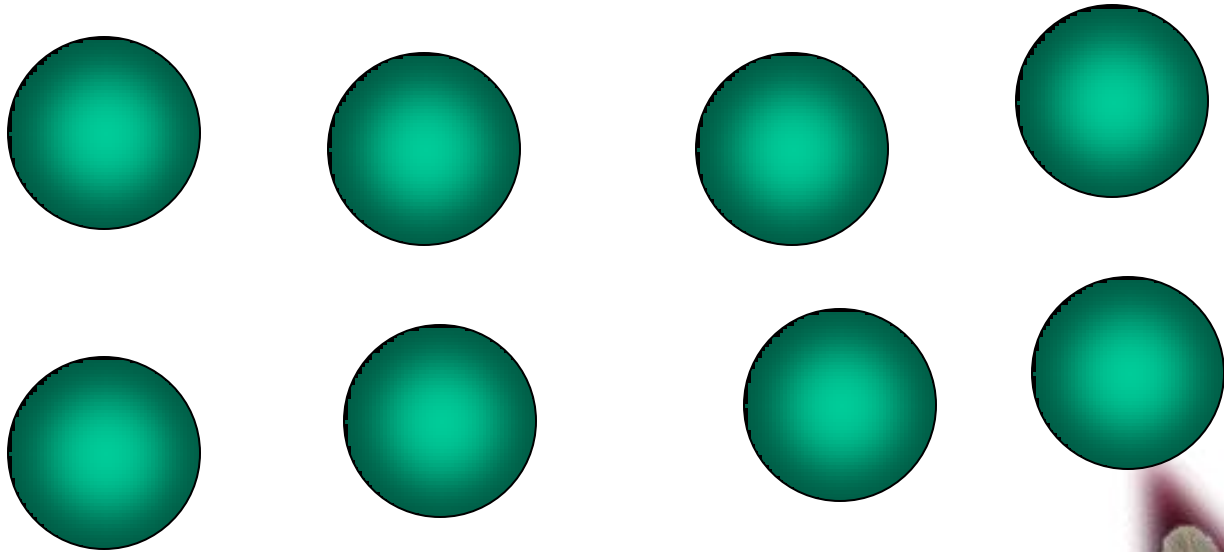
# Mental Learning Task



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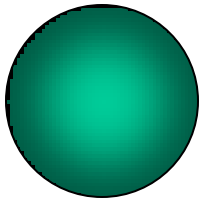
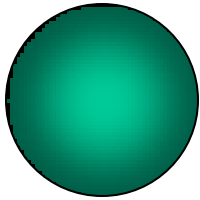


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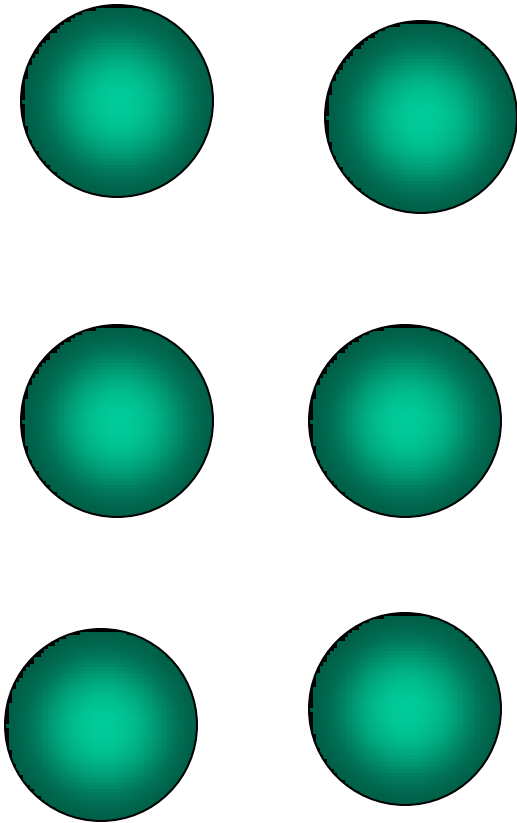




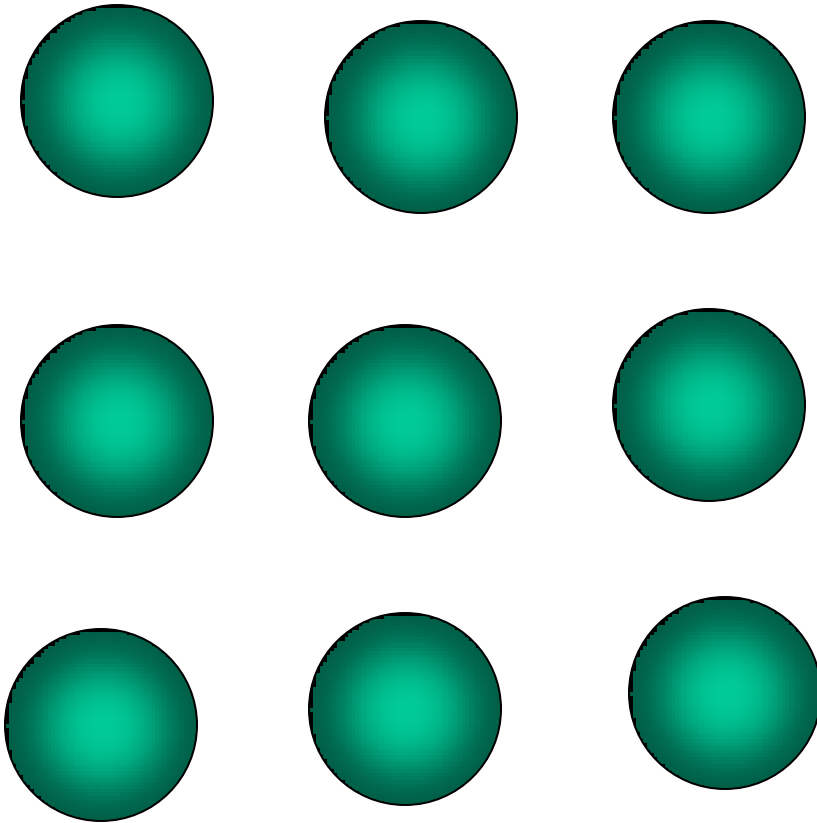
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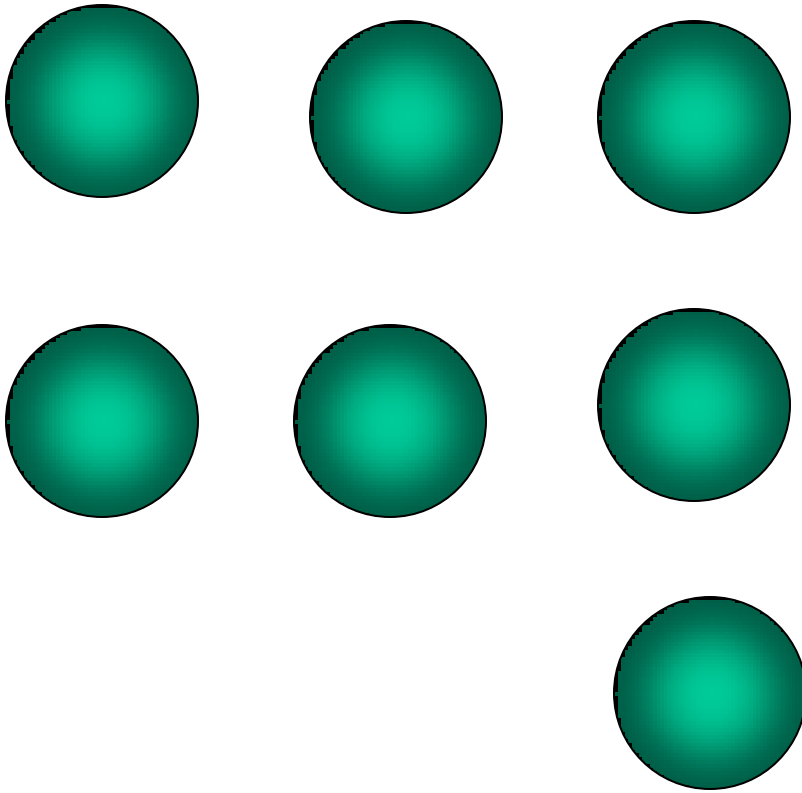
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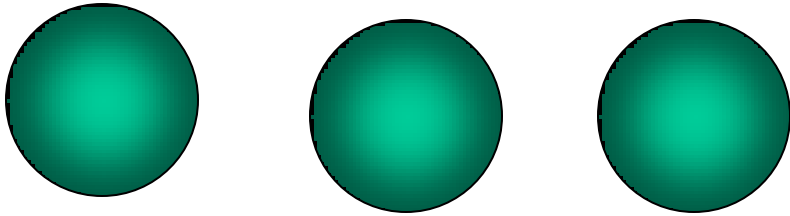
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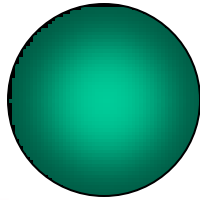
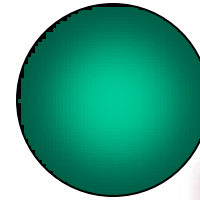
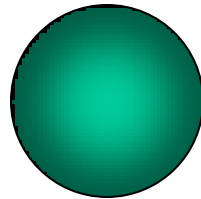
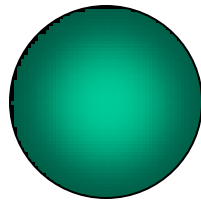
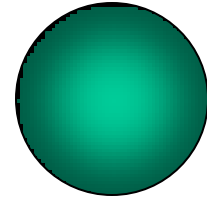
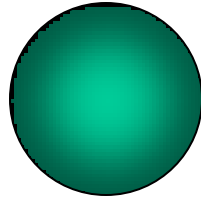
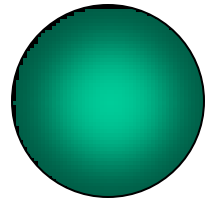
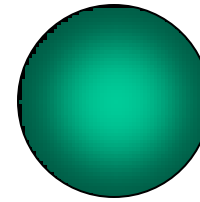
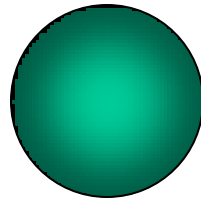
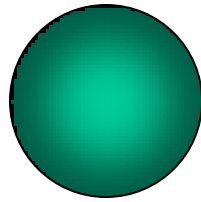
# Mental Learning Task



# Mental Learning Task



# Mental Learning Task



# Mental Learning Objective

- Today I will group items visually so I can count them.
- I can identify numbers that are 'more than' or 'less than' a given number.



# Main Learning Objective

- I can count.
- I can count on.
- I can say how many there are all together.





# Main Learning Task

- Today we are going to use your counting skills to help us answer questions about 'how many altogether?'
- This is the main question people ask when they are doing addition.



# Main Learning Task

- Today we will be working in two groups.
- Group 1:- Younger children working with an adult.
- Group 2:- Older Children working with another adult.



# Main Learning Task

## Group 1

- You need the dominoes and some number cards.
- Sit in a circle.
- Pick a domino and count the spots on each half.
- Then count the total using counting on.
- Collect a number card that matches the total.



# Main Learning Task

- Group 2
- Work in pairs with a paper plate, 1-6 dice and some counting materials in a box.
- Throw the dice.
- Each put that many objects on the plate.



# Main Learning Task

- Let your friend throw the dice again.
- Put that number of objects on the plate.
- How many have you got together?
- Write the number down or find the right number card.



# Main Learning Task

- Start again - put your objects back.
- Throw the dice again.



# Main Learning Task

- Challenge:-
- Ask what dice numbers must have been thrown if there are 3 things on the plate.
- How about 6 things?
- How many for 8 things?



# Main Learning Objective

- I can count.
- I can count on.
- I can say how many there are all together.





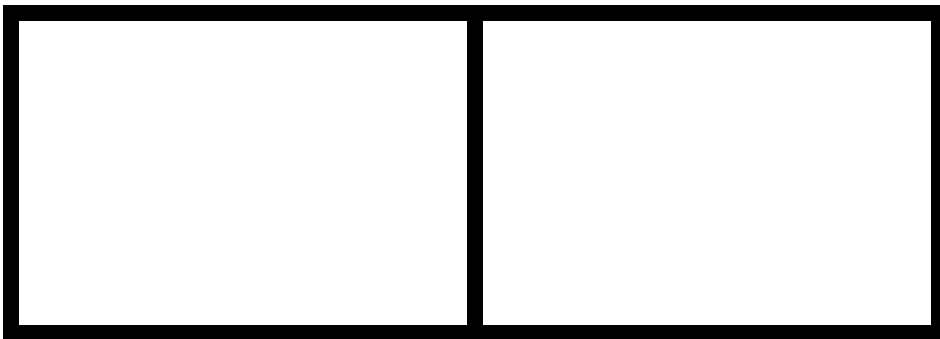
# Plenary

- Children from group 1 - Show how many spots altogether.



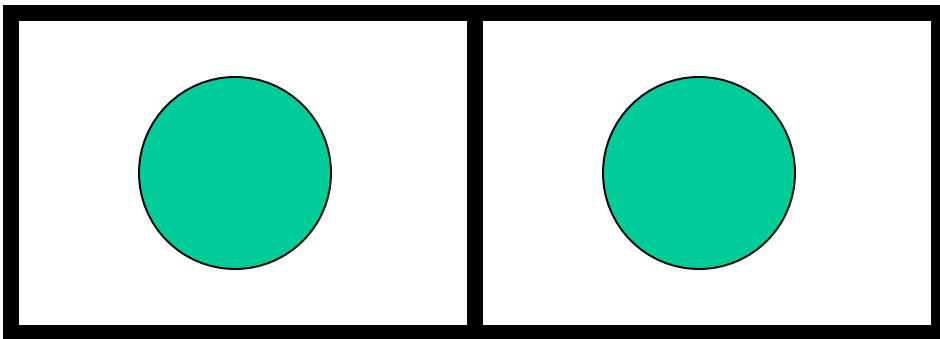
# Plenary

- I am going to show you an invisible domino.
- One one side it has one spot, on the other, it has one spot.
- How many spots does it have?



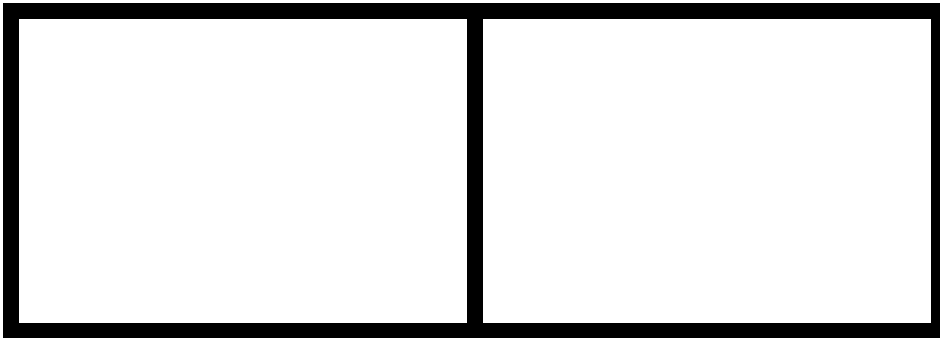
# Plenary

- I am going to show you an invisible domino.
- One one side it has one spot, on the other, it has one spot.
- How many spots does it have?



# Plenary

- I am going to show you an invisible domino.
- I want a domino with 8 spots.
- Draw them in.



# Plenary

- Count out eight objects on a plate.



# Plenary

- If I have 4 cars, how many do I need to make eight cars?
- I need 4 more cars.
- How many do I now have?



# Where Can I Find More Resources Like This?

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