

Dr Fog Presents

Adding and Subtracting Money

Year 3 (National Numeracy Strategy)
(Based on DFEE Sample Lessons)



Resources

- Coins



Mental Learning Objective

- I can practise my mental and written ways of solving adding problems.



Mental Learning Task

- Today's lesson is about adding and subtracting with money.



Mental Learning Task

- Can you remember using blank number lines?
- How would we solve $17 + 72$?



Mental Learning Task

- How could we solve the question $27 + 34$?
- Is there any other way we could use?
- What number should we start with?
- 34 - because it is bigger!



Mental Learning Task

- We now know the line starts on 34...
- How could we break 27 into smaller jumps?



Mental Learning Task

- We could make two jumps of 10... and then 6 and 1.
- Even quicker would be a jump of 20 then a jump of 6 and 1.



Mental Learning Task

- What is the final answer?



Mental Learning Task

- How would we solve this question?

$$24 + 59$$



Mental Learning Task

- How would we solve this question?

$$14 + 27$$



Mental Learning Task

- How would we solve this question?

$$33 + 39$$



Mental Learning Objective

- I can practise my mental and written ways of solving adding problems.



Main Learning Objective

- I can choose the equipment needed to solve a problem.
- I can recognise coins and how much each coin is worth.
- I can solve money problems.



Key idea

**There are
lots of different
ways to add
and subtract.**



Main Learning Task

Menu

Sandwich	37p
Toasted Sandwich	46p
Roll and Butter	15p
Muffin	34p
Squash	17p
Cola	20p
Tea	18p

- A family of four want to have a meal in this café.
- Each person has £1 to spend.
- What is each person having?
- Write it down.
- Add up the cost.

Main Learning Task

- Now you are going to give each of your children the exact money to pay for their meal.
- What coins will each child need?



Main Learning Task

- Challenge:-
- What change will each person get from £1?
- Let each person choose three or four items to eat.
- Find the total cost of the five people's meals.
- What would the change of £5 be?



Main Learning Objective

- I can choose the equipment needed to solve a problem.
- I can recognise coins and how much each coin is worth.
- I can solve money problems.



Plenary

- Tell me two things that someone in your family chose.
- How did you work out the addition problem?
- Could you do it another way?



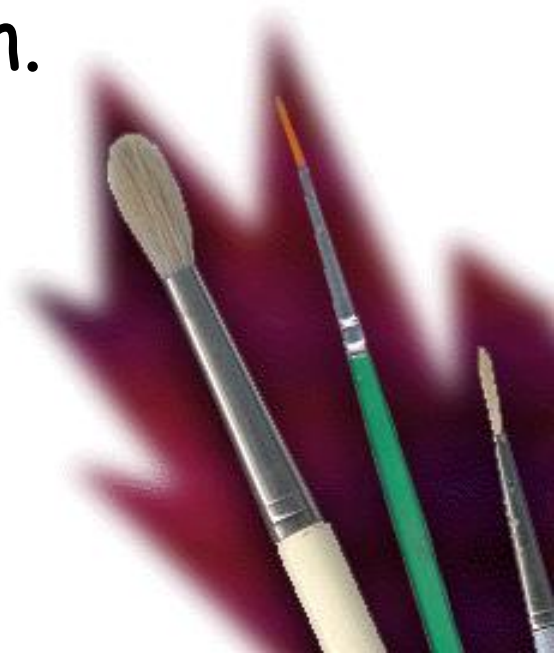
Plenary

- Remember it is easier if you put the bigger number first.



Plenary

- Your teacher will now count on or back in different steps.
- Join in when you get the pattern.
- Tell the rest of class the rule.



Review of Key Idea

- There are lots of different ways to add and subtract.



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