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

<table>
<thead>
<tr>
<th>Menu</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandwich</td>
<td>37p</td>
</tr>
<tr>
<td>Toasted Sandwich</td>
<td>46p</td>
</tr>
<tr>
<td>Roll and Butter</td>
<td>15p</td>
</tr>
<tr>
<td>Muffin</td>
<td>34p</td>
</tr>
<tr>
<td>Squash</td>
<td>17p</td>
</tr>
<tr>
<td>Cola</td>
<td>20p</td>
</tr>
<tr>
<td>Tea</td>
<td>18p</td>
</tr>
</tbody>
</table>

- 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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