## National Curriculum Objectives:

Mathematics Year 3: (3M9a) Add and subtract amounts of money to give change, using both $£$ and $p$ in practical contexts

## Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Identify which child has earned the least pocket money by adding two amounts of money. Additions involve no exchanges. Pictorial support and scaffolding for the answer is provided.
Expected Identify which child has earned the most pocket money by adding two amounts of money. Additions involve some exchanges.
Greater Depth Identify which child has earned the neither the most nor the least pocket money by adding two amounts of money. Additions involve multiple exchanges and various conversions between $£$ and $p$.

Questions 2, 5 and 8 (Varied Fluency)
Developing Identify the odd one out in a given pattern, using knowledge of adding two amounts of money. Additions involve no exchanges. Pictorial support and scaffolding for the answer is provided.
Expected Identify the odd one out in a given pattern, using knowledge of adding two amounts of money. Additions involve some exchanges.
Greater Depth Identify the odd one out in a pattern, using knowledge of adding two amounts of money. Additions involve multiple exchanges and various conversions between $£$ and $p$.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Complete the bar model by finding a possible total value, using the coins provided. Addition involves no exchanges. Pictorial support and scaffolding provided. Expected Complete the bar model in two different ways by finding two possible total values, using the coins provided. Addition involves some exchanges.
Greater Depth Complete the bar model by finding a possible total value, using the amounts provided. Addition involves multiple exchanges and various conversions between $£$ and $p$.

## More Year 3 Money resources.

Did you like this resource? Don't forget to review it on our website.

## Adding Money

1. Who has earned the least pocket money over the last two weeks?

2. The contents of four money bags is shown below. Which money bag's total does not fit the pattern?
greatest total

A. $£$ and __p
B. $£ \ldots$ and __p
C. £__ and __p
D. $£$ __ and __p品
3. Complete the bar model by replacing each splat with a coin shown below.

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## Adding Money

4. Who has earned the most pocket money over the last two weeks?


Week 1: £5 and 99p Week 2: $£ 3$ and 65p

Florence


Week 1: $£ 3$ and 35 p
Week 2: $£ 5$ and 90p

Aisha


Week 1: £6 and 15p
Week 2: £2 and 80p
5. Which money bag's total contents does not fit the pattern?

6. Complete the bar model by replacing each splat with an amount or coin shown below.

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## Adding Money

7. Who has earned neither the most nor the least amount of pocket money over the last two weeks?

Week 1:
Four 50p coins, six 2p coins, three $£ 1$ coins, one 1 p coin and seven 5 p coins

Two 5p coins, one $£ 10$ note, three 1p coins, five 50p coins and twelve 10p coins

Six 50p coins, one £2 coin, one 1p coin, six 20p coins and one $£ 1$ coin

Week 2:
One 10p coin, two $£ 5$ notes, three 5p coins, seven 20p coins and one £2 coin

Six 1p coins, one 20p coin, four $£ 1$ coins, four $5 p$ coins and one 10p coin

Two 20p coins, two £5 notes, one 2 p coin, six 1 p coins and thirteen 10p coins
8. The price tags of five money bags are shown below. Which money bag's total does not fit the pattern?

9. Complete the bar model by replacing each splat with an amount shown below.

## £14 and 29p

Fifteen A coins, twelve 1p coins, two $£ 2$ coins and eight B

Forty-three Coins, one $D$ note, eleven 1 p coins and eight 10 p coins

pPS
HW/EXt

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## Homework/Extension

## Adding Money

## Developing

1. Michael has earned the least pocket money over the last two weeks because $£ 5$ and 50 p is less than Jemma and Ollie's identical total ( $£ 5$ and $80 p$ ).
2. D's total does not fit the pattern because $£ 4$ and 90 p is greater than $£ 3$ and 90 p and the other three money bags are arranged in descending order.
3. A. 5 p and B. 20 p; $£ 2$ and 70 p $+£ 3$ and 20 p $=£ 5$ and 90 p; or A. 20 p and B. 5 p; $£ 2$ and $85 p+£ 3$ and $5 p=£ 5$ and $90 p$

## Expected

4. Jaxon has earned the most pocket money over the last two weeks because £9 and 64 p is greater than Florence's total ( $£ 9$ and 25 p) and Aisha's total ( $£ 8$ and 95 p).
5. D's total does not fit the pattern because $£ 9$ and 19 p is less than $£ 9$ and 60 p.
6. Various answers, for example: A. $£ 2$ coin, B. 5 p coin, C. $£ 1$ coin; $£ 5$ and $95 p+£ 1$ and $30 \mathrm{p}=£ 7$ and 25 p .

## Greater Depth

7. Susan has earned the middle amount of pocket money because $£ 18$ and 99 p is greater than Roger's total ( $£ 18$ and 39 p) but less than Matilda's total ( $£ 19$ and 13p).
8. A's price tags do not fit the pattern because A's total $=£ 11$ and 43 p whereas B, C, D and E 's totals all include 22 p and increase by $£ 1$ each time.
9. A. 20 p coin, B. 5 p coin, C. 2 p coin, D. $£ 5$ note
