Pounds and Pence: Two Ways to Pay

Teacher		**Class**	Year 2
Subject	Maths	**Topic**	Money: pounds and pence
Date		**Room**	
Lesson length	60 minutes	**Country**	United Kingdom

Pupils learn that £ means pounds, p means pence and 100p makes £1. They work in pairs to make the same pence price in two different ways.

Curriculum links

- recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value [1]
- find different combinations of coins that equal the same amounts of money [1]

Learning objectives

- Students will recognise £ and p symbols and read pound and pence prices.
- Students will combine 10p, 5p and 1p coins to make a set pence total.
- Students will find two different coin combinations for the same money amount.

Success criteria

- I can point to £ and p and say pounds and pence.
- I can make a price using 10p, 5p and 1p coins.
- I can show two different ways to pay the same price.

What students already know

Hold up a £1 coin and a 1p coin: ask what each is worth, which sign (£ or p) matches each, and how many 1ps might make £1.

Key words

pounds	main money unit, shown with the £ sign [1]
pence	little money units, shown with p; 100 make £1 [3]
amount	how much money there is or must be paid
combine	put coins together to reach a wanted total
value	how much coins together are worth

Materials

- play 10p, 5p and 1p coins (tray per pair)
- paper purses (2 per pair)
- pencils and mini whiteboards and pens
- price cards showing 21p, 27p, 32p and 42p
- Slides 1-3, 5-10, 12 with projector and sound
- Video clip 1 (0:00–4:26) and Video clip 6 (0:00–4:30) tested
- Worksheet page 4 printed (one per pupil)

Before the lesson

- Print price cards for 21p, 27p, 32p, 42p and print Worksheet page 4, cut out paper purses
- Set out coin trays with 10p, 5p and 1p coins for each pair
- Load Slides 1-3, 5-10, 12 and test Video clip 1 (0:00–4:26) on slide 6 and Video clip 6 (0:00–4:30) on slide 8 with sound

Created with LessonDino.com · AI lesson planner with checkable sources

- Clear carpet space and put mini whiteboards and pens ready

Lesson outline

0–8 min **Starter** 8 min · Whole class

Spark interest in £ and p and revisit which prices are bigger.

YOU DO

1. Show Slide 1 Make money add up! and Slide 2 We use £ and p to make amounts.
2. Use the hook: Can you be clever and pay for the same sticker in two completely different ways?
3. Show Slide 5 Think, pair, share question: £2 or 20p - more? Give 30 seconds pair talk.
4. Hold up cards £2 and 20p, point to £ and p and ask what each sign tells us.

STUDENTS DO

1. Listen to hook and look at Slides 1-2.
2. Discuss £2 or 20p with a partner and vote by hands.
3. Point to £ and p and say pounds and pence.

Say: Today we are money makers. We use £ and p to make amounts. Can you be clever and pay for the same sticker in two completely different ways? First, which is more, £2 or 20p, and how do you know?

Ask: £2 or 20p - which is more? (£2, because pounds are much bigger than pence; £2 is 200p.) · What does the £ sign tell us? (It tells us the price is in pounds [1].) · What does the p tell us? (It tells us the price is in pence [1].)

Check understanding: Hands-up vote and choral pounds and pence; if unsure, repeat with £1 and 1p cards and echo reading before moving on.

Support: Show only £1 and 1p cards and let pupils echo pounds and pence. **Stretch:** Ask why £2 is far bigger than 20p even though 20 looks bigger than 2.

Use: Slides 1-2, 5

8–20 min **Teaching** 12 min · Whole class

Teach what £ and p mean and that 100p makes £1.

YOU DO

1. Show Slide 3: £ means pounds, p means pence, 100p makes £1 [1] [3], pointing to each symbol.
2. Lay ten 10p coins in a row, count with class 10p to 100p, swap for £1 to show there are 100 pence in one pound [3].
3. Play Video clip 1 (0:00–4:26) on Slide 6 Watch: £ and p; pupils spot £ sign and spot p sign.
4. Model reading £3 as three pounds and 40p as forty pence, and show you should not write money as £5.50p using both £ and p [3].

STUDENTS DO

1. Count in tens with teacher and watch the swap to £1.
2. Watch the video and call out when they see £ or p.
3. Echo read £3 and 40p and point to the symbols.

Say: £ means pounds and p means pence [1]. There are 100 pence in one pound [3]. That is why ten 10p coins make £1, and why we never write £ and p together like £5.50p.

Worked example: £2 means two pounds and 20p means twenty pence. £1 is 100p [3], so £2 is 100p + 100p = 200p, which is far more than 20p.

Ask: How many pence make £1? (100 pence [3].) · How many 10p coins make £1? (Ten 10p coins make 100p which is £1 [3].) · How do you read £3? (Three pounds.)

Check understanding: Mini whiteboards: hold up £ or p for prices called out; if many mix them, replay part of clip and practise pointing again.

Support: Work with a ten-frame and count together 10p, 20p, 30p up to 100p. **Stretch:** Ask to compare 50p and £0.50 and say why they are equal.

Use: Slides 3, 6; Video clip 1 (0:00–4:26)

20–30 min **Guided practice** 10 min · Whole class

Model how to pick coins, count them and check against a price.

YOU DO

1. Show Slide 7 Make an amount steps: Pick the price, Choose your coins, Count them up, Check it matches.
2. Play Video clip 6 (0:00–4:30) on Slide 8 Watch: Make it; ask How coins join? and New way to try?
3. Model price 27p: choose 10p + 10p + 5p + 1p + 1p to combine amounts to make that particular value [1].
4. Count aloud 10, 20, 25, 26, 27p and check it matches 27p.

STUDENTS DO

1. Watch steps and video and answer focus questions.
2. Count aloud with teacher touching each coin.
3. Suggest which coin to add next for 27p.

Say: To pay a price we pick the price, choose coins, count them up and check it matches. I add pence together because they are the same unit [1]. I count the big coins first, then the little ones.

Worked example: Price 27p. Purse: 10p + 10p = 20p, +5p = 25p, +1p = 26p, +1p = 27p. Total 27p, so it matches. That is one way; later you will find two ways [1].

Ask: Which coins did I use for 27p? (10p, 10p, 5p, 1p, 1p.) · How do we check it is right? (Count them up and see it makes 27p.) · Why add 10p coins first? (Bigger coins are quicker to count, then add 5p and 1ps.)

Check understanding: Thumbs up if total matches; if unsure, recount touching each coin slowly together again.

Support: Use only prices under 20p and only 10p and 1p coins at first. **Stretch:** Ask pupils to suggest a different set for 27p using more 5ps.

Use: Slides 7-8; Video clip 6 (0:00–4:30)

Created with LessonDino.com · AI lesson planner with checkable sources

30–50 min **Main activity** 20 min · Pairs

Find two different coin sets that make the same pence price.

YOU DO

1. Show Slide 9 Your task: Pick a price card, Make it two ways, Write £ and p.
2. Model price 32p two ways with purses to find different combinations of coins that equal the same amounts of money [1].
3. Give each pair coins, two paper purses, pencils and a price card (21p, 27p, 32p or 42p).
4. Send pairs to make both purses, count each to check, then draw or write the two ways.
5. Circulate, ask pairs to read additions aloud and swap roles for a new card.

STUDENTS DO

1. Pick a price card and fill two paper purses with different coins.
2. Count each purse aloud and check it matches the price.
3. Leave coins on display and read the additions to each other.

Say: Pick a price card. Make it two ways with 10p, 5p and 1p coins. Count each purse to check it matches the price. Show both purses and say how each one adds up.

Worked example: Price 32p. Purse A: 10p + 10p + 10p + 1p + 1p = 30p + 2p = 32p. Purse B: 10p + 10p + 5p + 5p + 1p + 1p = 20p + 10p + 2p = 32p. Both purses pay 32p in different ways [1].

Ask: Do both purses make 32p? How do you know? (Yes, each counts to 32p when added.) · How are the two purses different? (Different coins, e.g. three 10ps or two 10ps and two 5ps, but same total [1].)

Check understanding: Teacher checks both purses add to price card; if mismatch, pupils recount touching coins and swap a coin to fix.

Support: Keep to 10p and 1p coins only and use prices under 30p. **Stretch:** Ask pupils to find a third way using a 5p coin.

Use: Slide 9

50–60 min **Plenary** 10 min · Whole class

Secure correct £ and p writing and check pupils can make amounts two ways.

YOU DO

1. Show Slide 10 Write it right: £3 means three pounds, 40p means forty pence, £2.40 mixes both.
2. Do Worksheet page 4 True or false: Read aloud and tick true or false with partners.
3. Show Slide 12 True or false?: £ means pounds, 100p makes £1, £1.50 is 15p; vote true or false.
4. Collect exit answers on whiteboards and link back to two ways to pay.

STUDENTS DO

1. Read Slide 10 amounts aloud correctly with a partner.
2. Tick Worksheet page 4 true or false and hold up answers.
3. Vote on Slide 12 and explain why £1.50 is 150p.

Say: £3 means three pounds and 40p means forty pence. £2.40 uses pounds and pence together with a point. Remember 100 pence is one pound [3], so £1.50 is 150p, not 15p.

Worked example: £1.50 = £1 + 50p = 100p + 50p = 150p [3]. So the statement £1.50 is 15p is false; it is 150p.

Ask: Why does £3.04 need a zero? (Zero holds the place, so it is 4p not 40p [7].) · Is £1.50 the same as 15p? (No, false; it is 150p [3].) · How many pence make £1? (100p [3].)

Check understanding: Whiteboard exit and Worksheet page 4 ticks; if many say £1.50 is 15p, recount £1 as 100p + 50p again.

Support: Let pupils echo you first and just point to the decimal point while you read. **Stretch:** Ask pupils to explain why the zero matters in £3.04.

Use: Slides 10, 12; Worksheet page 4

Common mistakes

Mistake	How to spot it	How to fix it
Writing £ and p together, e.g. £5.50p	See both symbols on ticket or whiteboard	Remind you should not write money as £5.50p using both £ and p [3]; choose £5.50, where the point separates pounds from pence [3].
Reading £3.04 as £3.40	Says forty pence when card shows 04	Point to two digits after pounds: first shows 10ps, second shows 1ps [7]; 0 holds the place so 04 is 4p.
Thinking £1.50 is 15p	Ticks true for £1.50 is 15p on Slide 12	Recount £1 as 100p [3], so £1.50 is 100p + 50p = 150p; count ten 10ps to 100p then add 50p.

Support

- Use ten-frames and count in 10ps with coins touched one by one.
- Keep prices under 30p with only 10p and 1p coins, then add 5p.

Stretch

- Find a third way to pay and explain which coins were swapped without changing the total.
- Write the same amount as pence only and as £ and p, e.g. 110p and £1.10.

For the LSE or teaching assistant

Stay with target pairs in main activity: help count touching each coin, prompt big coins first, check both purses match price.

Created with LessonDino.com · AI lesson planner with checkable sources

Check for understanding

Question	Answer
What does £ mean and what does p mean?	£ means pounds, p means pence.
How many pence make £1?	100p.
Show two different ways to make 22p with 10p, 5p and 1p coins.	e.g. 10p+10p+1p+1p and 10p+5p+5p+1p+1p; both total 22p.

Homework

Ask a grown-up to show you a shop price with £ or p and read it aloud together.

Sources

1. National curriculum in England: mathematics programmes of ... · gov.uk · https://www.gov.uk/government/publications/national-curriculum-in-england-mathematics-programmes-of-study/national-curriculum-in-england-mathematics-programmes-of-study
2. Old money in the UK - Pounds shillings and pence · retrowow.co.uk · https://www.retrowow.co.uk/retro_britain/old_money/old_money.html/index.html
3. ma26mone-e3-f-money-pounds-and-pence - downloads.bbc.co.uk · downloads.bbc.co.uk · https://downloads.bbc.co.uk/skillswise/maths/ma26mone/factsheet/ma26mone-e3-f-money-pounds-and-pence.pdf
4. How to write pounds, shillings and pence pre-decimal money · 1900s.org.uk · https://www.1900s.org.uk/1900s-coins-writing.htm
5. Compare and order amounts of money - KS2 Maths - Learning ... · bbc.co.uk · https://www.bbc.co.uk/bitesize/articles/z47mkty
6. Space Shoppers: Money Funfair - KS1 Maths game - BBC Bitesize · bbc.co.uk · https://www.bbc.co.uk/bitesize/articles/zvfcp9q
7. Lesson: Explain and represent whole pounds and pence as a ... · thenational.academy · https://www.thenational.academy/teachers/lessons/explain-and-represent-whole-pounds-and-pence-as-a-quantity-of-money

Created with LessonDino.com · AI lesson planner with checkable sources