

Shopping: money problems

Strand

Using and applying mathematics

Learning objective

Solve problems in contexts of pounds and pence

Type of starter

Reason

Whiteboard tools

- Drag one item from the shelf into the basket.
- Press 'check-out' to move to next screen.
- Drag the exact amount (in coins) to the till to pay for each item.
- Press 'sale' to check if the amount paid is correct.
- Press 'back to shop' to start a new sale.

What to do

This activity introduces the children to coins of different values up to £2.00 and challenges them to work out the coins required to pay for individual items in a shop. Ask the children first to select an item and then drag it into the shopping basket. Next, challenge them to work out the exact coins required to pay for the item. Ask one child to come to the board to move the coins to the till. When each coin reaches the till, it remains visible, with the amount clearly shown. Press 'sale' to check whether the amount paid is correct. Record which coins the child used on the board and then ask for a different combination of coins to pay for the same item.

Differentiation

Less confident: select items that require fewer coins to build confidence (for example, the sticker album); allow more time for the children to work out the coins needed and if necessary supply them with toy (or real) money for additional support.

More confident: ask the children to find all the different combinations of coins to pay for an item.

Key questions

- *What coins could you use to pay for the item?*
- *What other coins could you use to pay for the item?*
- *The pens are priced £1.10. How many pence is this?*

shopping items

Drag one item for purchase to basket

'check-out'

Press to go to next screen

money

Drag correct amount of money to till

'back to shop'

Press to start a new sale

'clear'

Press to clear till screen

'sale'

Press to check answer

