



# Strengthen Activities

## MISCONCEPTION

**Children may not be familiar with the names of coins and their relative value.**

### STRENGTHENING UNDERSTANDING

1. Discuss when we use money, and that we use coins to help us carry money around. Give each child each coin, one coin at a time, starting with 1p. Ask: *What do you notice about the coin and how much money it represents?* Place one of each coin on a whiteboard and label its value.
2. Ask how many 1p coins are the same as one 10p coin. Place ten 1p coins under the 10p on the board, emphasising that 10p is the same as ten 1p coins. Repeat with other coin values and establish that a £1 coin is the same as 100 pence so £1 is worth more than a 50p coin.
3. Give each child an empty number track. Ask them to put coins on the track in order of value. Ask: *Why is 1p at the start of the number track and £2 is at the end? Is 20p worth more or less than 50p?*

### ASSESSMENT CHECKPOINT

Can children pick coins that meet given criteria?

### RESOURCES

Coins (one set per child), whiteboard, empty number tracks

## MISCONCEPTION

**Children may struggle to find the total of the value of a set of coins, instead giving the number of coins.**

### STRENGTHENING UNDERSTANDING

1. Show children two sets of three coins with the same value in each set (e.g.  $3 \times 10p$ ,  $3 \times 20p$ , not £1 or £2 initially). Ask: *How much money is in each set?* Discuss how you could work this out.
2. Support children to work out the value of the coins in both piles. Use a number line to help record each 'jump' placing the coins underneath each jump. Draw attention to the fact that you need to add the 'value' of each coin, rather than counting the coins. You do this by counting in 2s, 5s and 10s.
3. Provide opportunities for children to practise adding sets of coins through role play, giving them coins for their 'purse' and having them work out who has the most money.

### ASSESSMENT CHECKPOINT

Can children give the value of the coins in the Think Together activity on Textbook p182?

### RESOURCES

Coins, Textbook p182

## MISCONCEPTION

**Children may think the more coins they have, the larger value they have.**

### STRENGTHENING UNDERSTANDING

1. Give a pile of seventeen 1p coins to one soft toy and two 10p coins to a different toy. Say that you think the toy with the large pile of coins has the most money. Ask: *How could you check?* Support children in totalling the value of each set of coins.
2. Draw attention to the fact that even though one toy has 17 coins, the value of the two coins the other toy has is higher.
3. Challenge children to create different values out of coins (e.g. 20p, 30p, 15p) in as many different ways as they can. Draw attention to the fact that there are many ways to make each value, and the number of coins doesn't show the relative value of each set.

### ASSESSMENT CHECKPOINT

Can children complete the number sentences in Q4 on Practice Book p130?

### RESOURCES

Coins, soft toys, Practice Book p130