

How much in the purse?: counting on

CURRICULUM ALIGNMENT

MEA.MON.2 recognise the value of money and use euro and cent in a range of meaningful contexts.

INTERACTIVES **Coin Counter** · display, explore

WHAT THIS LESSON TEACHES

To total a purse, start with the coin worth the most and add the others one by one from that number.

→ In a purse with 5c, 2c and 1c, start at 5, count on 2 to make 7, then count on 1 to make 8c.

→ A purse with 10c, 5c and 2c: start at 10, count on 5 to make 15, then count on 2 to make 17c.

MODEL THIS ON THE BOARD

BIGGEST COIN FIRST, THEN COUNT ON

- 1 Coins in the purse: 20c, 5c and 2c.
- 2 Biggest value is **20c**, so start at 20.
- 3 Count on the 5c: 20 plus 5 makes **25**.
- 4 Count on the 2c: 25 plus 2 makes **27**.
- 5 The purse total is **27c**.

ANSWER KEY

a) 8c

b) 35c

c) 25c

Q1: 5c

Q2: 9c

Q3: 31c

a) **Always** : The lesson rule is to begin at the biggest value and count the rest on from there.

b) **Never** : You start from the highest stamped value, which is not always the coin that looks biggest.

c) **Always** : Starting high leaves smaller easy steps, which is why the skill uses that order.

d) **Never** : 10, 15, 17: the purse holds 17c.

EXTENSION SHEET · STRETCH ANSWERS

S1: 53c

S2: 72c

S3: 22c

S4: 27c