

DIFFERENTIATION

Values of Australian Coins and Notes

Money and Financial Mathematics 2

Based on your Professional Teacher Judgment and Pre-assessment data, Levels with **1** may be included in the first lesson; Based on embedded assessment data, Levels with **2** **3** may be included in the these lessons. The anchor charts for this concept may look like these on a 'Wall that Teaches' over a few lessons.

MF 1 Features of Australian coins

MF 2 Values of Australian coins, not related to size

MF 4 100 cents in \$1, 200 cents in \$2

MF 5 Count, order small collections of coins and notes according to their value

MF 6 Make given amounts in multiple ways using coins and notes

MF 7 AS 18 Add and subtract coins and notes, count change

MF 8 MD 6 Multiplication of coins and notes to make equivalent values

MF 9 AS 23 Add and subtract money, with up to four digits using place value. Round totals to the nearest 5 cents

$68c + 58c =$

$40c + 10c \quad 2c + 6c$

+ 40c + 10c + 2c + 6c

68c \$1.08 \$1.18 \$1.20 \$1.26

Round to \$1.25

$68c + 60c = 128c$
 $68c + 60c = \$1.28$
 $\$1.28 - 2c = \1.26
 $68c + 58c = \$1.26$

$\$1.26 - 58c =$

$20c + 30c \quad 6c + 2c$

- 2c - 6c - 30c - 20c

68c 70c 76c \$1.06 \$1.26

Round to 70c

$\$1.26 - 60c = 66c$
 $66c + 2c = 68c$
 $\$1.26 - 58c = 68c$
 Round to 70c

MF 10 AS 24 Add and subtract five-digit numbers, as money, using place value. Round to the nearest 5 cents

$\$368.25 + \$258.97 = \$627.22$

$\$40.00 + \$10.00 \quad \$2.00 + \$6.00 \quad 80c + 10c \quad 5c + 2c$

+ \$200 + \$40 + \$10 + \$2 + \$6 + 80c + 10c + 5c + 2c

\$368.25 \$568.25 \$608.25 \$618.25 \$620.25 \$626.25 \$627.05 \$627.15 \$627.20 \$627.22

$\$368.25 + \$258.97 =$

$\$368.25 + \$260.00 = \$628.25$

$\$628.25 - \$1.03 = \$627.22$

$\$368.25 + \$258.97 = \$627.22$

$\$627.22 - \$158.97 = \$468.25$

$\$20 + \$30 \quad \$7 + \$1 \quad 20c + 70c \quad 2c + 5c$

- 5c - 2c - 70c - 20c - \$1 - \$7 - \$30 - \$20 - \$100

\$468.25 \$468.30 \$468.32 \$469.02 \$469.22 \$470.22 \$477.22 \$507.22 \$527.22 \$627.22

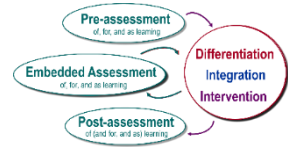
$\$627.22 - \$158.97 =$

$\$627.22 - \$160.00 = \$467.22$

$\$467.22 + \$1.03 = \$468.25$

$\$627.22 - \$158.97 = \$468.25$

Embedded assessment data may tell us we need to re-explicitly teach some Levels.



FD29 Percentages as hundredths.

$\frac{25}{100} = 0.25 = 25\%$
 $\frac{50}{100} = 0.5 = 50\%$
 $\frac{1}{100} = 0.01 = 1\%$

MF 11 FD 18 PV 22 Amounts of money are written with two decimal places. Recognise cents as a fraction of a dollar.

$\$4.25$

\$ 4 . 2 | 5

 tenths hundredths

\$ 4 . 2 | 5

 ones tenths hundredths

\$ 4 | 2 5

 decimal point

MF 12 Financial plans using a spreadsheet program

	A	B	C
1	Income	Expenses	Balance
2		\$10.00	\$2.00
3			\$5.00
4			\$4.00
5			
6			
7			
8			
9			
10		$\text{sum}(B2:B4)$	$(B2 \times 1\%)$
11			$\text{sum}(B5:B7)$
12			
13			
14			

MF 13 FD 30 Investigate and calculate percentage discounts of 10%, 25% and 50% on sale items

SALE UP TO 70% OFF

PLUS FURTHER REDUCTIONS

70% of \$49.95 30% of \$49.95
 Round up to \$50 Round up to \$50
 70% of \$50 = 30% of \$50 =
 10% of \$50 = \$5 10% of \$5 = \$5
 7 x \$5 = \$35 discount 3 x \$5 = \$15 discounted price
 \$50 - \$35 = \$15