Weekly Maths

YEAR 3 **

WEEK 2

Summer 2

This term we are going to focus on Time and Money. We will continue to use the same structure for the week but change the focus from arithmetic.

This week we will be focusing on adding money.

Day 1

YEAR 3

WEEK 2

Week 2 – Day 1

A

Write the amounts in pounds and pence.

B

C

Write each amount in pounds and pence.

165p 234p 199p 112p 516p

D

Mo uses a part-whole model to add money.

£____ and ____ p + £____ and ____ p
There is £____ and 105p.
105p= £_____ and _____p
Altogether there is £_____ and ____p.

Use Mo's method to find the total of:

£10 and 35p and £4 and 25p £10 and 65p and £9 and 45p

Week 2 – Day 1

Find 2 different ways to make the amount.

E

What calculation does the bar model show?
Find the total amount of money.

F

A book costs £5 and 99p.
A magazine costs £1 and 75p.
How much do the book and magazine cost altogether?

Week 2 – Day 1 - Challenge

Dora bought these muffins.

Muffins cost 35p each.
How much did Dora spend?

Tommy bought three times as many muffins as Dora.
How many muffins did Tommy buy?
How much money did Tommy spend on muffins?

How much more money did Tommy spend than Dora?

Week 2 – Day 1 … Answers

A: £4.02
B: £1.02
C: £1.65 £2.34 £1.99 £1.12 £5.16
D: £5.30 + £3.75
£8.00
105p = £1 and 5p
£9 and 5p

£14.60 £20.10

E: £4.10

F: £7.74

Dora bought these muffins.

Muffins cost 35p each.
How much did Dora spend?

Tommy bought three times as many muffins as Dora.
How many muffins did Tommy buy?
How much money did Tommy spend on muffins?

How much more money did Tommy spend than Dora?

Dora spent 105p or £1 and 5p.

Tommy bought 9 muffins.
He spent 315p or £3 and 15p.

Tommy spent 210p or £2 and 10p more than Dora.

Day 2

YEAR 3

WEEK 2

Week 2 – Day 2

27	**Expanded Column Addition**
+ 25	Add the ones
12	Drop a line
40	Add the tens
52	Write the answer

You can also use the expanded column method to add if you prefer.

	£2.45
+	£1.32

	£5.70
+	£1.27

	£6.21
+	£3.45

Week 2 – Day 2

	£3.34
+	£6.03

	£5.44
+	£3.12

	£0.72
+	£3.05

Week 2 – Day 2 - Challenge

Rosie has £5
Has she got enough money to buy a car and two apples?

£3 and 35p

£2 and 55p

85p

75p

What combinations of items could Rosie buy with £5?

Week 2 – Day 2… Answers

1)
£2.45
+ £1.32
£3.77

2)
£5.70
+ £1.27
£6.97

3)
£6.21
+ £3.45
£9.66

4)
£3.34
+ £6.03
£9.37

5)
£5.44
+ £3.12
£8.56

6)
£0.72
+ £3.05
£3.77

Rosie has £5
Has she got enough money to buy a car and two apples?

£3 and 35p

£2 and 55p

85p

75p

What combinations of items could Rosie buy with £5?

£3 and 35p + 85p + 85p = £5 and 5p

She does not have enough money.

Rosie could buy

1 car and 2 balloons
1 car, 1 apple and 1 balloon
1 magazine and 2 apples

Day 3

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WEEK 2

Week 2 – Day 3

	£3.26
+	£4.13

	£7.04
+	£2.65

	£5.63
+	£2.15

Week 2 – Day 3

The next set of equations cross the tens barrier and the number needs to be regrouped!

	£5.48
+	£1.27

Children may find it easier to use the expanded method for this step. Otherwise they may be ok with the usual compact method.

	£8.38
+	£0.56

	£3.75
+	£2.53

Expanded Column Addition

27 + 25 = 12 — Add the ones, Drop a line

40 — Add the tens

52 — Write the answer

Compact method

	3	5	17
+		3	9 6
	3	9	1 3
		1	1

Week 2 – Day 3 - Challenge

Money Addition Challenge

Solve these problems:

Using **3 different** coins each time, how many totals can you make?

Week 2 – Day 3 - Answers

£3.26	£7.04	£5.63
+ £4.13	+ £2.65	+ £2.15
£7.39	£9.69	£7.78

£5.48	£3.75	£8.38
+ £1.27	+ £2.53	+ £0.56
£6.75	£6.28	£8.94

You will need an adult to check your answers for you as there are so many combinations. Can you explain your working out and your thinking to them. This will help to show off your maths knowledge and to show what you know. Feel free to email them to your Year 3 teachers so we can see what you've been up to!!

Day 4

YEAR 3

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Week 2 – Day 4

$$\begin{array}{r} £1.95 \\ +\ £5.67 \\ \hline \\ \hline \end{array}$$

Try the compact method

$$\begin{array}{r} 3517 \\ +\ 396 \\ \hline 3913 \\ {\scriptstyle 1\ \ 1} \end{array}$$

$$\begin{array}{r} £7.82 \\ +\ £1.65 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} £4.87 \\ +\ £3.38 \\ \hline \\ \hline \end{array}$$

Week 2 – Day 4

$$\begin{array}{r} £3.15 \\ +\ £8.58 \\ \hline \\ \hline \end{array}$$

Try the compact method

$$\begin{array}{r} 3517 \\ +\ 396 \\ \hline 3913 \\ {\scriptstyle 1\ 1} \end{array}$$

$$\begin{array}{r} £4.48 \\ +\ £2.36 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} £6.24 \\ +\ £5.35 \\ \hline \\ \hline \end{array}$$

Week 2 – Day 4

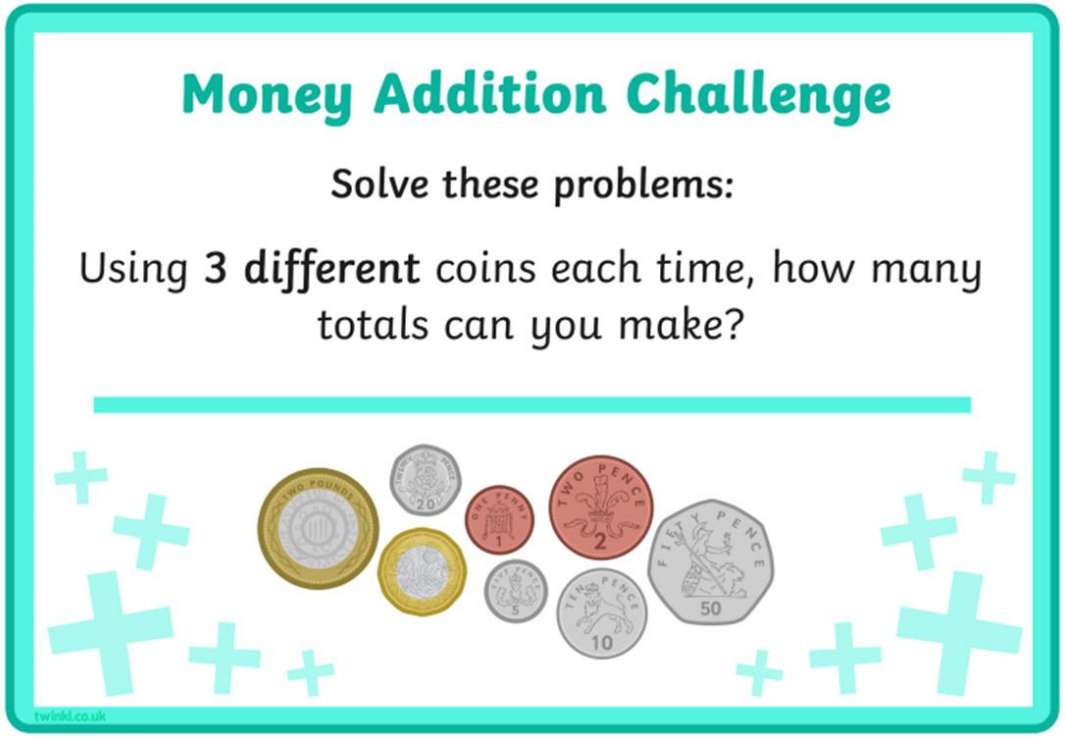
Money Addition Challenge

Solve these problems:

Using **3 different** coins each time, how many totals can you make?

Week 2 – Day 4 Answers

£1.95 + £5.67 = £7.62	£7.82 + £1.65 = £9.47
£4.87 + £3.38 = £8.25	£3.15 + £8.58 = £11.73
£4.48 + £2.36 = £6.84	£6.24 + £5.35 = £11.59



You will need an adult to check your answers for you as there are so many combinations. Can you explain your working out and your thinking to them. This will help to show off your maths knowledge and to show what you know. Feel free to email them to your Year 3 teachers!!

Day 5

YEAR 3

WEEK 2

Week 2 – Day 5

A: Tommy goes to the shop and buys an ice cream for £1.20 and a huge watermelon for £2.50. How much money has he spent altogether?

B: LuLu and Ziggy go to a secret cat market and buy some things. LuLu buys 2 tins of tuna which cost 55p each and Ziggy (who is a piggy) buys a huge hamper of cheese for £5.50. How much money have they spent in total?

Week 2 – Day 5

C

Maths Mastery - Money

1. How many different ways can you make the total of £2.95?

You can use the same value coin more than once.

What is the least amount of coins you could use?

D

Maths Mastery - Money

5. Freddie has these coins:

Which individual items could Freddie pay for exactly without needing change?

Week 2 – Day 5

E

Edward goes to the shop to buy some craft materials. He buys some coloured paper for 75p, pom poms for 25p and paint for £3.75. How much money has he spent altogether?

F

Maths Mastery - Money

2. At a market stall by the seaside, Hannah can buy the following items:

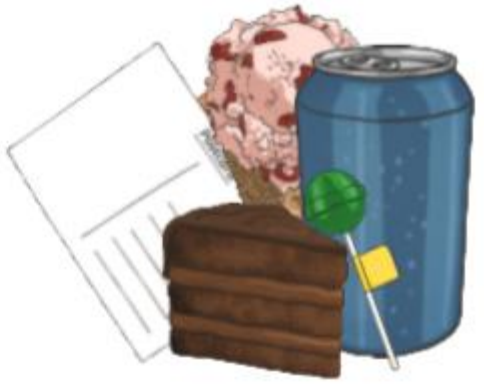
postcard 25p

lolly 35p

ice cream 75p

cake £1.20

cola 55p



Hannah has £2. She buys three items and has less than £1 in change. Which three items could she have bought?

Week 1 – Day 5 - Answers

A: £3.70

B: £6.60

C: Please check with an adult or email us!

D: A Teddy and another teddy make 98p. Can you find any other solutions?

E: £4.75

F: She could have bought – ice cream, postcard, lolly and have 65p change.

She could also have bought Postcard, Lolly, Cola and have 85p change.