

Monday

Daily warm up - 5 calculations from Y4 Arithmetic Exercise 7

(If this is tricky, check out the Y2 Arithmetic Exercise 7 or Y3 Arithmetic Exercise 7)

Please note: the answers appear at the end of the document so only look at them when you have completed all the calculations!

Measurement - Money

Activity

Exploring coins

Find a 1p coin, 5p, 10p, 20p, 50p, £1, and a £2 coin and lay them out on the table in front of you...

What do you notice?

What is the same and what is different? Record your ideas in your book.

Lay out the coins in order of size. Draw round the coins in your book from smallest to biggest - are there two ways to do this? If there are, show both ways in your book. You can let me know your thinking via a Purple Mash email if you would like to (using the Blank Email Template in 2Publish Plus in English).

Tuesday

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Problem Solving and Reasoning

Today and tomorrow you will be looking at an 'Always, Sometimes, Never' activity so click on the link below to get an idea of what we mean by this...

<https://nrich.maths.org/12672>

You only need to think about the first five statements...

I have chosen the first one: multiples of 5 end in a 5

Is this always true, sometimes true or never true?

Begin by writing down some examples...5, 10, 15, 20, 25, 30...and you will quickly see that **sometimes** multiples of 5 end in a 5 (otherwise they end in a 0).

Wednesday

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Activity

Always, Sometimes or Never

Eva has these coins:



She picks three coins at a time (it might help if you have the coins in front of you)

Are the following statements **always** true, **sometimes** true or **never** true?

- Eva can make a total which ends in 2
- She can make an odd amount
- She can make an amount greater than £6
- She can make a total which is a multiple of 5 pence

Can you think of your own always, sometimes, never statements?

Thursday

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Activity

Today's activity involves adding two amounts of money together. Each calculation has a 'problem' in one column (sometimes two). In the example below there are more than 10 one pence coins in the 1p column: $9p + 5p = 14p$ so you will need to regroup 14p into $10p + 4p$

£5 . 0 9

£1 . 3 5

Look back at the place value chart you completed last week as it will help you to add money.

Amount	Ten pounds £10	One pound £1	●	Ten pence 10p	One pence 1p
£5.09		5	.	0	9
£1.35		1	.	3	5

The answers appear on the second page of the worksheet so only look at them when you have completed the calculations.

Friday

Daily warm up - 5 calculations from Arithmetic Exercise 7

Problem Solving and Reasoning

Five Coins Investigation <https://nrich.maths.org/142>

Ben has five coins in his pocket.

How much money might he have?

Can you work systematically?