

Maths Planning and Ideas



Week Commencing: 30th March 2020

Year Group: 4

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	LC: Can you write money in pound and pence? Can you convert between the two?	LC: Can you order amounts of money?	LC: Can you order amounts of money?	LC: Can you add items? Can you calculate change?	CHALLENGE DAY
Activity	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y4 children.</i></p> <p>Main:</p> <p>Key Questions to discuss with children:</p> <p><i>How many pence make a pound?</i></p> <p><i>Why do we write a decimal point between the pounds and pence?</i></p> <p><i>How would we write 343 p using a pound sign?</i></p> <p><i>How can the amounts be partitioned in to pounds and pence?</i></p>	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y4 children.</i></p> <p>Main:</p> <p>Recap on converting between pounds and pence using this game:</p> <p>http://www.snappymaths.com/counting/decimals/interactive/penceandpounds/penceandpounds.htm</p> <p>Children to write down different values of money. Can they tell you what each one is? How many pounds and how many pence?</p>	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y4 children.</i></p> <p>Recap:</p> <p>Recap on learning from yesterday on the following game:</p> <p>https://www.topmarks.co.uk/ordering-and-sequencing/coconut-ordering</p> <p>Independent:</p> <p>The questions below the plan can be completed by children independently.</p>	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y4 children.</i></p> <p>Main:</p> <ol style="list-style-type: none"> 1. Create your own shop – draw the items. It can be any shop of your choice but if you are struggling for ideas a grocery shop picture is below. 2. Label all of the items – make sure they are numbers you are happy to use but not too easy! 3. Pick items, add them together and calculate change you would get from £5, £10 or £20. 	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y4 children.</i></p> <p>Friday Challenges</p> <p>Here are two NRich Challenges for you to have a go at:</p> <p>https://nrich.maths.org/142</p> <p>https://nrich.maths.org/1116</p> <p>At the side there are two sections, getting started and solutions. Don't cheat but use these to help you.</p>

	<p><i>Is there only one way to complete the part-whole model? How can these amounts be converted into pounds and pence?</i></p> <p>Allow children time to research and explore money. Challenge them to write different amounts of money in pence and pounds and pence. Can they covert between the two?</p> <p>Independent:</p> <p>The questions below the plan can be completed by children independently.</p>	<p>For example:</p> <p>£3.45 and £7.65</p> <p>345p and 765p</p> <p>Which is greatest and why?</p> <p>Repeat with different amounts of money – challenge them to order from smallest to largest.</p> <p>Independent:</p> <p>https://uk.ixl.com/math/year-4/put-money-amounts-in-order</p> <p>Children to order the money in the above link – instant feedback is given and clear explanations to help.</p>		<p>These videos might help:</p> <p>https://www.bbc.co.uk/bitesize/topics/z8yv4wx/articles/zs3b2nb</p> <p>https://www.bbc.co.uk/bitesize/clips/z9tn34j</p> <p>https://www.bbc.co.uk/bitesize/clips/z7j2hyc</p>	
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Supporting Resources for Maths

Monday 30th March

LC: Can you use pound and pence?

How much money is in each purse?

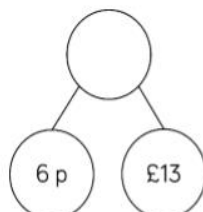
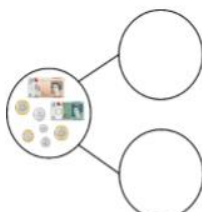
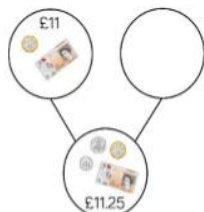


There is ____ pence.
There is ____ pounds.
There is £____ and ____ p
There is £____



There is ____ pence.
There is ____ pounds.
There is £____ and ____ p
There is £____

Complete the part-whole models to show how many pounds and pence there are.



Convert these amounts to pounds and pence:

357 p

307 p

57 p

370 p

Some children are converting 1206 p into pounds.

Who is correct?



1206 p = £12.6

Whitney

1206 p = £12.06



Rosie



1206 p = £120.6

Teddy

What have the others done wrong?

Eva has these coins:



She picks three coins at a time.
Decide whether the statements will be always, sometimes or never true.

- She 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?

Challenge – Can you create your own questions for people at home to answer?

Wednesday 1st April

LC: Can you convert between pound and pence?

Two classes save their pennies for a year.

Class A saves 3,589 pennies.

Class B saves 3,859 pennies.

Which class saves the most money?

Write the amounts as pence, then compare using $<$, $>$ or $=$

6,209 p £60.09

£0.54 54 p

Write the amounts as pounds, then compare using $<$, $>$ or $=$

62 p £6.02

£5,010 5,010 p

Order the amounts in ascending order.

130 p £0.32 132 p £13.20

Order the amounts in descending order.

257 p £2.50 2,057 p £25.07

Teddy, Dora and Jack are buying toys.

I have £5.43



I have 534p

Dora

I have more money than Dora but less than Teddy.



Jack

How much money could Jack have?
Is there only one answer?

What would you rather have, five 50p coins or twelve 20p coins?
Explain your answer fully.



Amir has these digits cards.



He uses them to fill the frame below:



He makes a total that is more than three pounds but less than six pounds.

How many amounts can he make?

Order your amounts in ascending order.

Where can I complete further work?

[Twinkl](#) – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, powerpoints and interactive games to support all areas of learning.

[Classroom Secrets](#) – Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.

[White Rose Maths](#) – Free Maths home learning resources for all ages. Watch the videos and try the questions.

[Primary Stars](#) – Free Maths home learning packs for Year 1 and 2.

[BBC Bitesize Primary](#) – Free learning resources available for KS1 and KS2 across all subjects.

[I See Maths](#) – Free daily home maths lessons hosted by Gareth Metcalfe. Follow the link for videos, information and resources.

[Top Marks](#) – Free educational resources and games for English and Maths.

[ICT Games](#) – Free educational resources and games for English and Maths.