

Maths Planning and Ideas



Week Commencing: 6th July 2020

Year Group: 2

Note to parents:

This week we are revising our work on money. This is something that we looked at before Christmas – it may seem a distant memory to your child! I know that ‘real’ money is not in circulation much at the moment but if you do have any at home to use with your child, it always makes it easier for them to understand if they can handle real coins. If not, I have included a sheet of coins in the worksheets that could be cut out and used.

Hope you are all keeping well. We miss you! Mrs Phillips.

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	LC: Can you find and make totals of coins?	LC: Can you compare totals of coins?	LC: Can you find change?	LC: Can you solve problems involving money?	Challenge Day
Activity	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y2 children.</i></p> <p>Main:</p> <ul style="list-style-type: none"> • Today we are going to look at coins. • This link will take you to the Topmarks site where you can practise recognising your coins, sorting and ordering them. • https://www.topmarks.co.uk/money/coins-game • Have a go at some of the games on this site to 	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y2 children.</i></p> <p>Main:</p> <ul style="list-style-type: none"> • Today we are going to practise finding totals and comparing different amounts. • Use this link https://www.topmarks.co.uk/money/coins-game and play the ‘counting’ game. • Practise finding the totals of coins. You could start with finding 	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y2 children.</i></p> <p>Main:</p> <ul style="list-style-type: none"> • Today we are going to be finding change. • Remember that to find change, you need to do a subtraction calculation. • Follow the link below to find change in the toy shop. • Click on ‘Mixed Coins’ and then choose one of the ‘Find change’ games. 	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y2 children.</i></p> <p>Main:</p> <ul style="list-style-type: none"> • Today we have some problems to do with money. • Use the Toy Shop money game again to practise giving the correct money and finding change. • https://www.topmarks.co.uk/money/toy-shop-money 	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y2 children.</i></p> <p>Main:</p> <ul style="list-style-type: none"> • Today you have a Mathopoly board game to play • There are two boards to choose from. • One is finding change from 50p and the other if finding change from £1.

	<p>refresh your memory about the value of coins.</p> <p>Independent: Choose from one of the following activities:</p> <p>Activity 1 Set up a shop with food you have in the house or some of your toys. Use coins (real or using the resource sheet) to practise making amounts to pay for the items.</p> <p>Activity 2 Use Monday's resources to complete the worksheets, finding totals of coins and drawing coins to make totals.</p>	<p>totals of 4 coins and work your way up to 6 coins.</p> <p>Independent: Use the worksheet in Tuesday's resource to practise comparing the totals. There is a really interesting fact at the top of the sheet!!</p>	<ul style="list-style-type: none"> Start finding change from 20p and work your way up to finding change from £1. https://www.topmarks.co.uk/money/toy-shop-money <p>Independent: Choose from one of the following activities:</p> <p>Activity 1 Set up a 'shop' like the one on Monday and find change when you buy items in the shop.</p> <p>Activity 2 Use the worksheet in Wednesday's resource to decide if they have been give the correct change.</p>	<p>Independent: Complete the worksheet in Thursday's resources.</p>	<ul style="list-style-type: none"> You can decide which one you would like to play. Don't forget to print off your challenge and chance cards and your score card. I hope you enjoy it!
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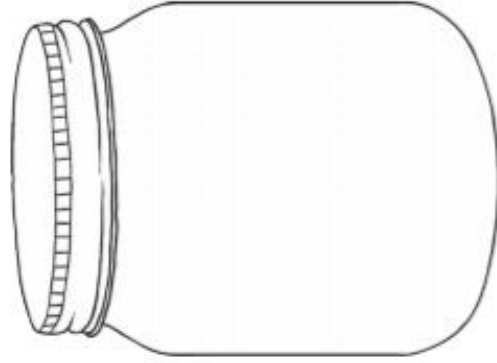
Supporting Resources for Maths

Monday's activity

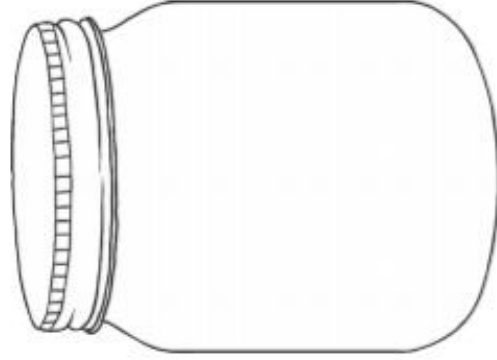
How much money is in my jar?



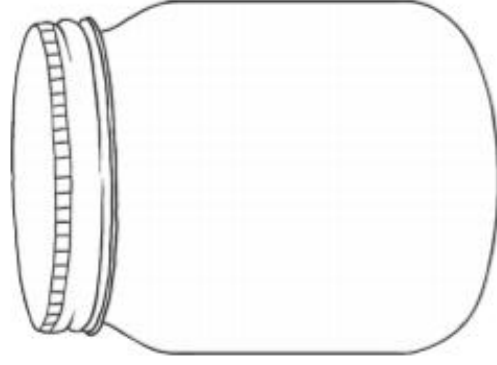
Make the following totals in the money jars by cutting out the coins on the next page.



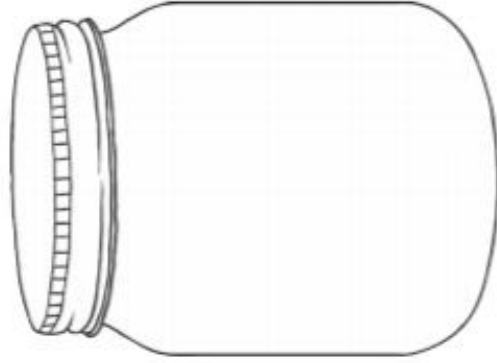
27p



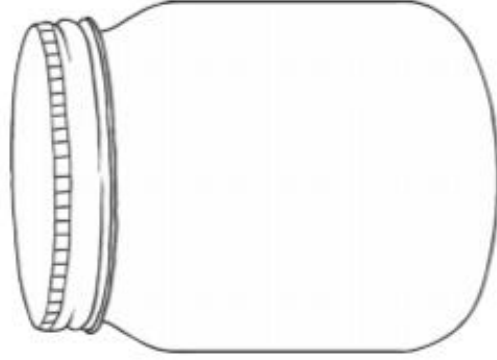
45p



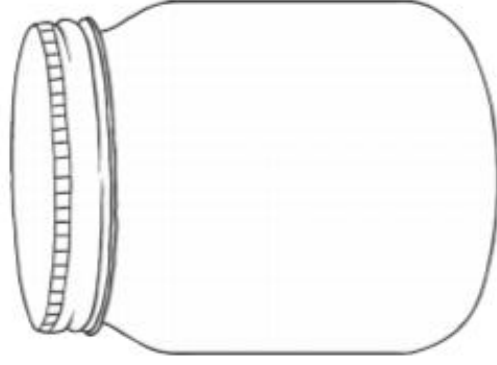
83p



39p



88p



96p



Who Has the Most Money?

Amazing Fact

The 1p, 2p, 5p, 10p, 20p and 50p coins can be put together to make a picture of the Royal Shield.

Challenge

Add the coins in each purse together.

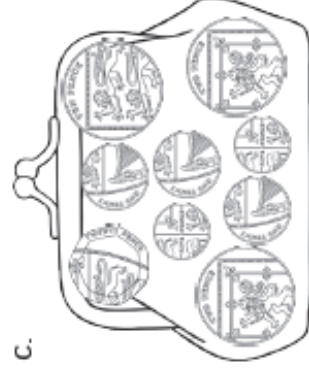
a.



b.



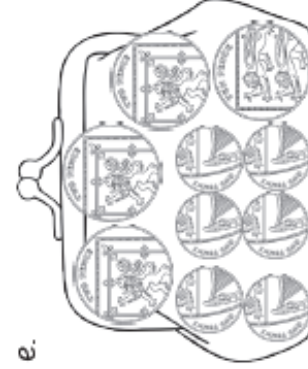
c.



d.



e.



f.



Now, order the purses from the most to the least amount in the boxes.







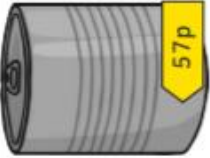








You could also try to find out:

- who the richest person in the world is;
- which country has the most billionaires;
- which are the poorest countries.

Wednesday's activity

Check Your Change

Check the change the shopkeeper has given you. Is it the correct amount or have they made a mistake?

You buy	You pay	Your change	Correct or Incorrect (✓/x)	Correct amount required
 87p				
 23p				
 57p				
 66p				
 92p				

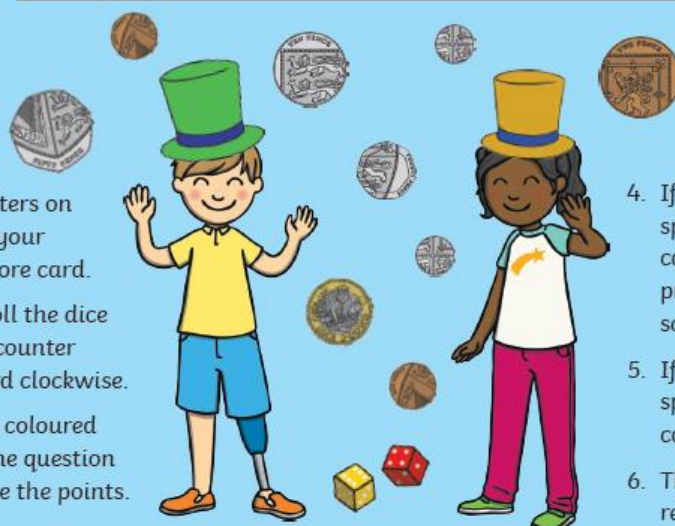
Money Word Problems

LO: I can solve word problems involving money.

1. Janet buys a pen for 34p and a rubber for 22p. How much does she spend?
2. Alex gives his friend 35p. He is left with 20p. How much did he have to begin with?
3. Hamed buys some apples for 76p. He pays with a £1 coin. How much change does he receive?
4. Tomas is given 45p by a friend. He had 38p already. How much does he have now?
5. Alma has four 20p coins. She buys a bottle of water for 58p. How much money will she have left?
6. Nura has four coins. She has 36p. What coins must she have?
7. Ian spends 23p on a packet of crisps and 41p on a drink. He gets 36p change. He gives the shopkeeper 2 coins. What were the coins?



Friday's activity

MATHOPOLY



- Place your counters on start and write your names on the score card.
- On your turn, roll the dice and move your counter around the board clockwise.
- If you land on a coloured space, answer the question correctly to score the points.

- If you land on a challenge space, pick up a challenge card and answer the problem correctly to score the points.
- If you land on a chance space, pick up a chance card for a trick or treat!
- The first player to reach 50 points wins!

 Chance	Change from £1 for 43p	+ 4 points	Change from £1 for 66p	+ 4 points	Change from £1 for 81p	+ 5 points	Change from £1 for 7p	+ 5 points	Change from £1 for 51p
 Pick up a challenge card. Good luck!	+ 4 points	Change from £1 for 37p	+ 3 points	Change from £1 for 28p	+ 3 points	Change from £1 for 16p	+ 3 points	Change from £1 for 72p	+ 2 points
Change from £1 for 85p	+ 2 points	Change from £1 for 20p	+ 2 points	Change from £1 for 69p	+ 5 points	Change from £1 for 55p	+ 5 points	Change from £1 for 91p	+ 4 points
Change from £1 for 23p	+ 4 points	Change from £1 for 71p	+ 4 points	Change from £1 for 17p	+ 3 points	Change from £1 for 64p	+ 3 points	Change from £1 for 45p	+ 2 points
Change from £1 for 15p	+ 2 points	Change from £1 for 15p	+ 2 points	Challenge	+ 2 points	Change from £1 for 90p	+ 2 points	Change from £1 for 60p	+ 2 points
Change from £1 for 17p	+ 4 points	Change from £1 for 17p	+ 3 points	Change from £1 for 64p	+ 3 points	Change from £1 for 35p	+ 3 points	Change from £1 for 45p	+ 2 points
Change from £1 for 15p	+ 2 points	Change from £1 for 15p	+ 3 points	Change from £1 for 90p	+ 2 points	Change from £1 for 60p	+ 2 points	Change from £1 for 60p	+ 2 points
Change from £1 for 17p	+ 4 points	Change from £1 for 17p	+ 3 points	Change from £1 for 64p	+ 3 points	Change from £1 for 35p	+ 3 points	Change from £1 for 45p	+ 2 points
Change from £1 for 15p	+ 2 points	Change from £1 for 15p	+ 3 points	Change from £1 for 90p	+ 2 points	Change from £1 for 60p	+ 2 points	Change from £1 for 60p	+ 2 points
Change from £1 for 17p	+ 4 points	Change from £1 for 17p	+ 3 points	Change from £1 for 64p	+ 3 points	Change from £1 for 35p	+ 3 points	Change from £1 for 45p	+ 2 points
Change from £1 for 15p	+ 2 points	Change from £1 for 15p	+ 3 points	Change from £1 for 90p	+ 2 points	Change from £1 for 60p	+ 2 points	Change from £1 for 60p	+ 2 points

Place your challenge cards here.

Place your chance cards here.

Roll a dice!
If the number is even, pick up a chance card.
If it is odd, pick up a challenge card.

Start
Collect 5 points every time you pass start.

Challenge

Write down two different ways you can make a total of 62p.

+ 5 points

Challenge

Write down two different ways you can make a total of 75p.

+ 5 points

Chance

Treat:

+ 10 points

Chance

Treat:

+ 10 points

Challenge

Write down two different ways you can make a total of 39p.

+ 6 points

Challenge

Write down two different ways you can make a total of 91p.

+ 6 points

Chance

Treat:

+ 10 points

Chance

Treat:

+ 10 points

Challenge

Add these amounts
26p, 17p and 39p.

+ 7 points

Challenge

Add these amounts
11p, 42p and 9p.

+ 7 points

Chance

Trick:

- 10 points

Chance

Trick:

- 10 points

Challenge

Add these amounts
53p, 12p and 6p.

+ 8 points

Challenge

Add these amounts
37p, 21p and 18p.

+ 8 points

Chance

Trick:








- 10 points

Chance

Trick:

- 10 points

[illegible][illegible]

		Change from 50p for 10p +2 points		Change from 50p for 20p +2 points				Change from 50p for 1p +2 points		Change from 50p for 15p +3 points		Change from 50p for 8p +3 points		Change from 50p for 24p +3 points		Change from 50p for 39p +4 points			
Change from 50p for 18p +5 points		Change from 50p for 31p +5 points		Change from 50p for 27p +5 points				Change from 50p for 7p +4 points		Change from 50p for 41p +4 points				Change from 50p for 23p +5 points		Change from 50p for 17p +5 points			
Change from 50p for 33p +4 points		Change from 50p for 5p +3 points		Change from 50p for 48p +3 points		Change from 50p for 25p +3 points		Change from 50p for 50p +2 points				Change from 50p for 30p +2 points		Change from 50p for 40p +2 points		Collect 5 points every time you pass start.			

MATHOPOLY

Place your chance cards here.

Place your challenge cards here.

- Place your counters on start and write your names on the score card.
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Challenge

Spot the mistake:

$$45p + 5p = 50p$$

$$30p + 20p = 50p$$

$$35p + 25p = 50p$$

$$10p + 40p = 50p$$

+ 7 points

Challenge

Spot the mistake:

$$5p + 15p = 20p$$

$$8p + 12p = 20p$$

$$12p + 18p = 20p$$

$$14p + 6p = 20p$$

+ 7 points

Chance

Treat:

+ 10 points

Chance

Treat:

+ 10 points

Challenge

Explain two different ways you can make a total of 20p.

+ 5 points

Challenge

Explain two different ways you can make a total of 50p.

+ 5 points

Chance

Treat:

+ 10 points

Chance

Treat:

+ 10 points

Challenge

Make up a real-life money story for:

$$25p + 25p = 50p$$

+ 6 points

Challenge

Which of these coins is the odd one out and why?



+ 8 points

Chance

Trick:

- 10 points

Chance

Trick:

- 10 points

Challenge

Make up a real-life money story for:

$$50p - 30p = 20p$$

+ 6 points

Challenge

Which of these coins is the odd one out and why?



+ 8 points

Chance

Trick:

- 10 points

Chance

Trick:

- 10 points

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.