

Blue Class – Home Learning – w.b. 8th June 2020

Dear Parents / Carers,

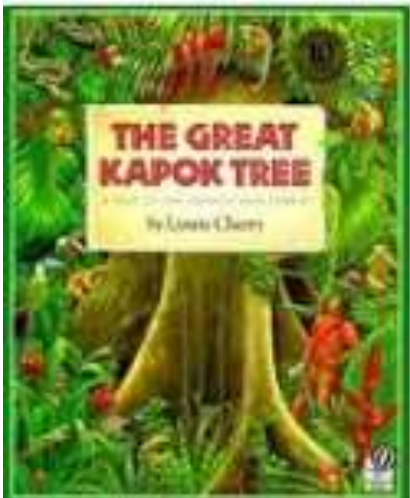

Thank you to everyone who has been sending photographs of the children's work and letting us know what they have been up to, we love getting these and you will find some of the photos on the gallery which is part of the school website.

I have prepared a new plan for this week and attached some resources to this plan but I have also put some resources and worksheets on to Purple Mash. Any of you that are accessing the white rose maths as part of the home learning, will notice that my links for this week are for the alternative plans and not the fractions, as we have already covered fractions during our first week of home learning.

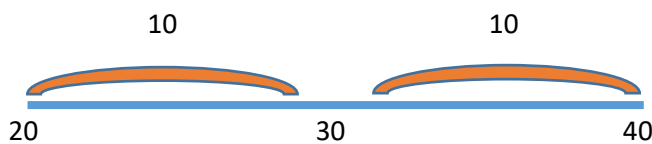
As usual, please feel free to e-mail blue@beaupre.cambs.sch.uk if you have any questions.

Keep looking after yourselves and don't forget to keep sending the photos for the newsletter, they are greatly appreciated by everybody.

Miss Carpenter

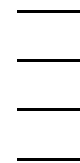
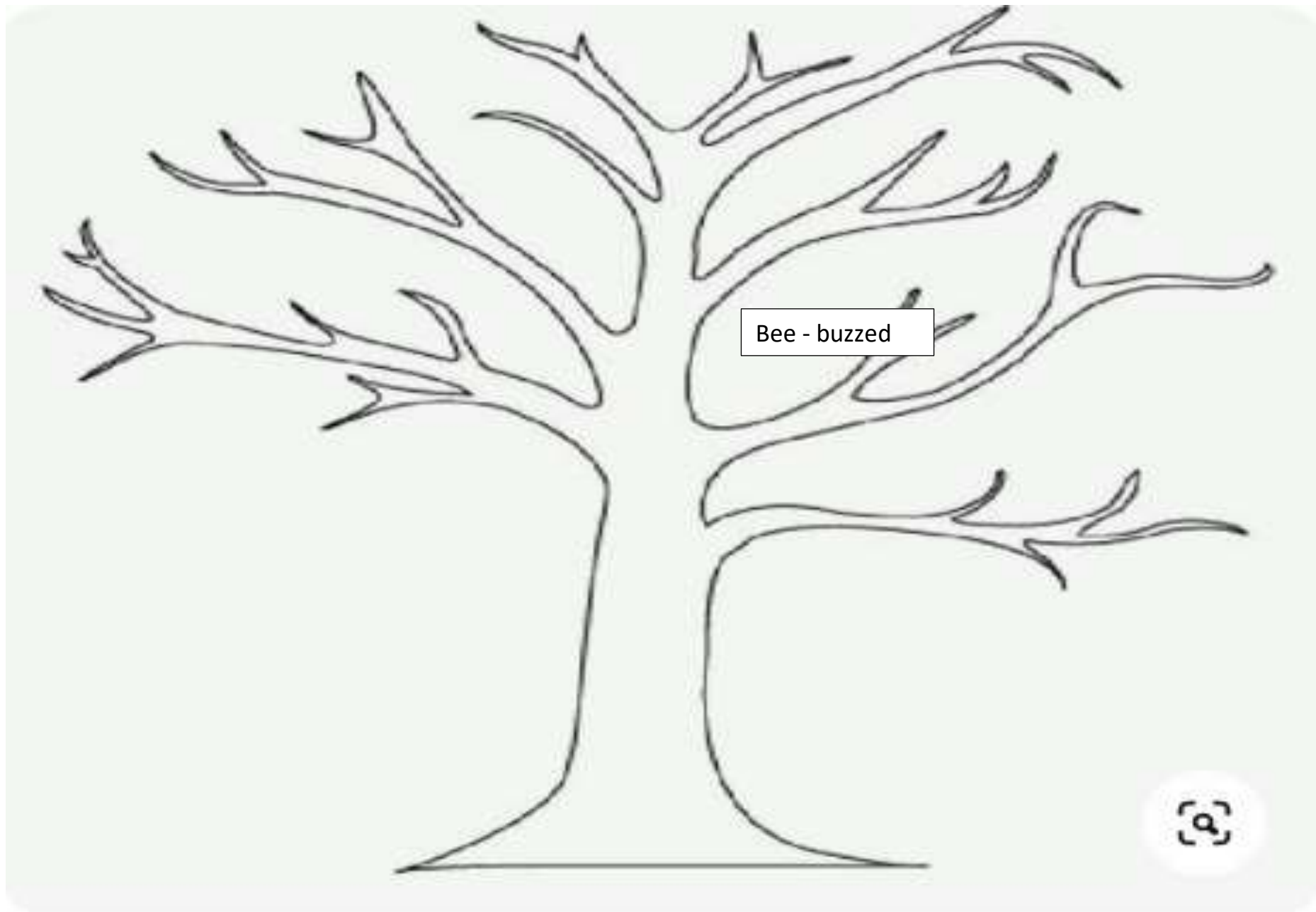
Task	English - Reading	English - Writing	Maths
1	<p>Today we are looking at the book The Great Kapok Tree written by Lynne Cherry</p> <p>Have a look at the front cover and tell someone what you think the story might be about, who will the main character be</p>  <p>The story is on purple mash in the Blue class folder so that you can read it for yourself.</p> <p>Or you can follow the link below to hear the story</p> <p>https://www.youtube.com/watch?v=J1Teb-jTyI</p>	<p>Task 1</p> <p>Once you have read the story make a list of all the animals that spoke to the sleeping man.</p> <p>Put each animals name on a branch of the tree template that is attached to this plan. Then see if you can recall the way in which each animal moved and spoke, I have done one to start you off.</p>	<p>Maths brain warm-up: make a list of all the coins and notes that we use then put them in order from the smallest amount to the largest amount.</p> <p>We are going to be working with money this week so if you have some coins in your money box you might like to have a look at them and maybe use them to help you work out your answers or, you could draw some coins and cut them out.</p> <p>To start with we are looking at finding the total.</p> <p>Have a look at the video on white rose maths but you will need to click on the alternative plan button or follow the link below. This is because white rose have got fractions as this weeks topic but we have already covered this in the first week of home learning (but if you want to do the fractions as an extra that is fine!!). Task 1 is attached to this plan and you will find the answers at the end (but don't look until you have finished all the questions!).</p> <p>https://vimeo.com/425620182</p> <div data-bbox="1344 917 1881 1029"> <p> Already covered this content?</p> <p>Click here to find an alternative plan.</p> </div>
2	<p>Have a look at reading task 2</p>	<p>Task 2</p> <p>Go back to the story of the great Kapok tree and read it through again. Think about the reasons why the animals spoke to the sleeping man. Write and</p>	<p>Maths brain warm up: make a list of objects that you can see around your house that are cylinders. How many did you find?</p>

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	There are multiple choice answers so you need to read the text then choose the answer.	explanation about why they wanted to stop the man cutting the tree down.	<p>Task 2 is all about finding the difference. You can watch the white rose maths video by clicking the link below, then have a go at answering the questions I have attached to the plan. Remember that you can either count on to find the difference e.g. if I'm finding the difference between 20p and 40p I can start at 20 and count on in tens until I get to 40</p>  <p>https://vimeo.com/425620376</p>
3	<p>Contractions - these are words that have an apostrophe of omission where two words have been joined to make a shortened version of the two. e.g. I am – I'm (the apostrophe of omission takes the place of the 'a' in the word 'am')</p> <p>they will - they'll (the apostrophe of omission takes the place of 'wi' in the word 'will')</p> <p>have a go at reading task 3 and see if you can match up the contractions to the original words</p>	<p>Task 3</p> <p>We are going to think about the setting of the story you could create a setting picture then write a description to go with it. It might help to listen to sounds of the rain forest as you do this, click on the link below</p> <p>http://downloads.bbc.co.uk/earth/naturelibrary/assets/t/tr/tropical_and_subtropical_moist_broadleaf_forest_s/mne13-08.mp3</p>	<p>Maths brain warm up: times table challenge – write down your x2, x5 and x10 tables which answer appears in all three tables?</p> <p>We are going to be finding change today. Have a look at the video clip on white rose maths to show you how to do this then have a go at the task that I have attached to the plan.</p> <p>https://vimeo.com/425620627</p> <p>Remember to find change you can subtract the cost of an item from the amount of money that you have to start with e.g. if I have 50p and I spend 20p the calculation is $50 - 20 = 30$ so the change is 30p</p>

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4	<p>Play boggle – how many words can you make using just the letters in my grid? You could challenge someone to play with you</p> <table><tr><td>b</td><td>ll</td><td>t</td><td>i</td></tr><tr><td>s</td><td>e</td><td>y</td><td>r</td></tr><tr><td>k</td><td>p</td><td>l</td><td>c</td></tr></table>	b	ll	t	i	s	e	y	r	k	p	l	c	<p>Task 4.</p> <p>The story of the great Kapok tree is about the rain forest. What do you know about the rain forest? What would you like to know? See if you can fill in the table attached to the end of this plan.</p> <table><tr><td>What I already know or think I know about the rainforest:</td><td>What I want to find out:</td><td>How I think I can find this out:</td></tr><tr><td></td><td></td><td></td></tr></table>	What I already know or think I know about the rainforest:	What I want to find out:	How I think I can find this out:				<p>Maths brain warm up: mental maths challenge – can you find the answer without writing anything down? $79 - 37 = ?$</p> <p>We are looking at 2 step problems, have a look at the white rose maths video to show you how to do this then have a go at the task that I have attached to the plan. Don't forget to show your working out for each part of the problem</p> <p>https://vimeo.com/425620791</p>
b	ll	t	i																		
s	e	y	r																		
k	p	l	c																		
What I already know or think I know about the rainforest:	What I want to find out:	How I think I can find this out:																			
5	<p>Commas in lists - remember that you can either write a list where you write each item in a column e.g. eggs bacon bread</p> <p>or you can write a list as part of a sentence e.g. I went to the shop and bought eggs, bacon and bread.</p> <p>See if you can put my items into a sentence using commas to separate the list</p> <ol style="list-style-type: none">1. Paint pencil paper glue2. Hat scarf gloves boots3. Ball doll puzzle book teddy	<p>Task 5</p> <p>Continuing from the previous session we are going to find out a bit about the rain forest. Click on the link below and watch the first 4 minutes of the film clip. Make a list of the words that are used to describe the setting of the rain forest</p> <p>https://www.youtube.com/watch?v=lnT2qpJRpfs&index=8&list=PLtF0v3uQ2I8YV3JCpCQ76b2x02O0xFcRn</p>	<p>Maths brain warm up: count in 100's forward and backward. Start at zero and see how far you can go.</p> <p>We are continuing to look at money problems, think about all the different ways you have used to find the answers this week and decide which way is best to solve each problem. Remember you can always go back and watch the videos again to help you.</p>																		



What I already know or think I know about the rainforest:	What I want to find out:	How I think I can find this out:

Reading task 2

Tick One Box (Multiple Choice)

Five... four... three... two... one... **BLAST OFF!** The spaceship rocketed noisily into the air and Molly held on tightly. It was going to be a very bumpy ride. She steered the spaceship skilfully to the right so that the Moon was directly in front of her. She would be there soon. Molly had always dreamed of flying to the Moon and she was so excited. She peeped out of the small, round window. Earth was zooming quickly away from her now.

- How did the spaceship rocket into space?

Tick one box.

smoothly <input type="checkbox"/>	noisily <input type="checkbox"/>	nicely <input type="checkbox"/>	quietly <input type="checkbox"/>
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- How did Molly steer the spaceship?

Tick one box.

swiftly <input type="checkbox"/>	slowly <input type="checkbox"/>	silently <input type="checkbox"/>	skilfully <input type="checkbox"/>
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- What was zooming away from her?

Tick one box.

Mercury <input type="checkbox"/>	Mars <input type="checkbox"/>	Earth <input type="checkbox"/>	the Moon <input type="checkbox"/>
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The Moon was getting closer and closer, whereas the blue and green Earth appeared to be getting smaller and smaller. She prepared to land by pushing the buttons in front of her. Lights flashed and the control panel beeped. Things were looking good as she made a perfect landing on the surface of the Moon. Molly opened the spaceship door and stepped out carefully. She would be the first child to step foot on the Moon. Imagine that! Suddenly, a shape appeared in front of her. Could it be an alien? "Molly, it's time for bed. You need to brush your teeth," Molly's mum said as she turned on the bedroom light. Molly grumbled unhappily and stomped off to the bathroom. She would have to continue her adventure tomorrow.

- Earth appeared to be getting

Tick one box.

smaller <input type="checkbox"/>	closer <input type="checkbox"/>	greener <input type="checkbox"/>	bluer <input type="checkbox"/>
----------------------------------	---------------------------------	----------------------------------	--------------------------------

- What was the landing like?

Tick one box.

bumpy <input type="checkbox"/>	smooth <input type="checkbox"/>	perfect <input type="checkbox"/>	scary <input type="checkbox"/>
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- How did Molly feel about having to go to bed?

Tick one box.

happy <input type="checkbox"/>	pleased <input type="checkbox"/>	fine <input type="checkbox"/>	unhappy <input type="checkbox"/>
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Maths task 1

Find the Total

1a. Isla is buying stationary for school.

pencil	rubber	ruler
10p	5p	20p
		

She says,



If I buy a pencil, a rubber and a ruler, I will spend 65 pence in total.

Is she correct? Explain how you know.

Find the Total

1b. Suchin is buying bouncy balls.

green	purple	white
20p	50p	10p
		

He says,



If I buy green, purple and white bouncy ball, I will spend 80 pence in total.

Is he correct? Explain how you know.



3a. Izzy has these coins.



Does she have enough money to buy the basketball?

Explain your answer.

£2 and 25 pence



3b. Sage has these coins.



Does she have enough money to buy the cupcakes?

Explain your answer.

80 pence



2a. Kayden is counting his money.



He picks 3 of the amounts shown above.
What is the greatest total he could have?
What is the smallest total he could have?



2b. Roshan is counting his money.



He picks 3 of the amounts shown above.
What is the greatest total he could have?
What is the smallest total he could have?



4a. Jon is buying food for his party.

cake	crisps	biscuits
51 pence	£5	

He says,



If I buy cake, crisps and biscuits, I will spend £8 and 50p in total.

Is he correct? Explain how you know.



4b. Olga is buying balloons for her party.

red	blue	yellow
5 pounds		32p

She says,






If I buy red, blue and yellow balloons, I will spend £5 and 82p in total.

Is she correct? Explain how you know.




5a. Annie is counting her money.



1 twenty-pound note 20p 2p 




  1 pence £1

She picks 3 of the amounts shown above. What is the greatest total she could have? What is the smallest total she could have?


 PS

5b. Pabin is counting his money.


1 five-pound note 2p  

  10 pence 

He picks 3 of the amounts shown above. What is the greatest total he could have? What is the smallest total he could have?

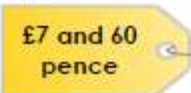

 PS


6a. Tim has these coins and notes.

five pound note  50p


Does he have enough money to buy the bucket and spade?

Explain your answer.



 R


6b. Sung-Hee has these coins and notes.

20p ten pound note 


Does she have enough money to buy the mask and snorkel?


Explain your answer.


 R

7a. Gabby is buying a new outfit.


trousers	socks	jumper	trainers
4 two-pound coins	65p		£6


She says,  If I buy trousers, socks, a jumper and trainers, I will spend £16 and 65p in total.

Is she correct? Explain how you know.


 R

7b. Paula is art supplies for her class.

paint	pastels	clay	pencils
6 pounds		2 five-pound notes	87p

She says,  If I buy paint, paintbrushes, clay and pencils, I will spend £19 and 87p in total.

Is she correct? Explain how you know.

 R

8a. Kelvin is counting his money.



He picks 4 of the amounts shown above.
Two of the amounts have the same value.
What is the greatest total he could have?
What is the smallest total he could have?



PS

8b. Victor is counting his money.



He picks 4 of the amounts shown above.
Two of the amounts have the same value.
What is the greatest total he could have?
What is the smallest total he could have?



PS

9a. Max has these coins and notes.



Does he have enough money to buy the pizza?

Explain your answer.

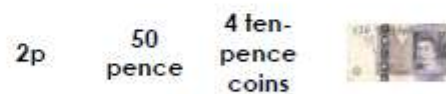


£7 and 22 pence



R

9b. Eddy has these coins and notes.



Does he have enough money to buy a ticket for the waterpark?

Explain your answer.









20 pounds and 99p









R

Maths task 2

Find the Difference

<p>1a. Hannah is shopping.</p> <p>A flower costs £2.</p>  <p>The difference between the price of a flower and a plant pot is £1.</p> <p>How much is a plant pot? Prove it.</p> <p>☆</p>	<p>1b. Noah is shopping.</p> <p>A tennis ball costs 70p.</p>  <p>The difference between the price of a tennis ball and a golf ball is 20p.</p> <p>How much is the golf ball? Prove it.</p> <p>☆</p>
<p>2a. Ray is saving up to buy a windmill. He thinks he needs another £1. Is he correct? Prove it.</p>  <p>☆</p>	<p>2b. Lucy is saving up to buy some sweets. She thinks she needs another 10p. Is she correct? Prove it.</p>  <p>☆</p>
<p>3a. Mia has £4. Some money has fallen out of her pocket.</p>  <p>These are the coins she has left. What coin(s) could she have dropped?</p> <p>☆</p>	<p>3b. Ash has 60p. Some money has fallen out of his pocket.</p>  <p>These are the coins he has left. What coin(s) could he have dropped?</p> <p>☆</p>

Find the Difference

<p>4a. Ian is shopping.</p> <p>A baseball costs £3 and 80p.</p>  <p>The difference between the price of a baseball and a football is £3 and 10p.</p> <p>How much is a football? Prove it.</p> <p>☆</p>	<p>4b. Ali is shopping.</p> <p>A pineapple costs £3 and 25p.</p>  <p>The difference between the price of a pineapple and a melon is £1 and 20p.</p> <p>How much is the melon? Prove it.</p> <p>☆</p>
<p>5a. Joe is saving up to buy a magic set. He thinks he needs another 79p. Is he correct? Prove it.</p>  <p>☆</p>	<p>5b. Leo is saving up to buy a football. He thinks he needs another £1. Is he correct? Prove it.</p>  <p>☆</p>
<p>6a. Lee has £5 and 31p. Some money has fallen out of his pocket.</p>  <p>These are the coins he has left. What coin(s) could he have dropped?</p> <p>Give two possibilities.</p> <p>☆</p>	<p>6b. Lola has £12 and 21p. Some money has fallen out of her pocket.</p>  <p>These are the coins she has left. What note(s) could she have dropped?</p> <p>Give two possibilities.</p> <p>☆</p>

Find the Difference

7a. Nia is shopping.

A hat costs £2 and 42p.



£2 and
42p

The difference between the price of a hat and a scarf is £1 and two 20p pieces.

How much is a scarf?



Find the Difference

7b. James is shopping.

A truck costs £4 and 57p.



£4 and
57p

The difference between the price of the truck and a go kart is £3 and four 5p pieces.

How much is the go kart? Prove it.



8a. Mick is saving up to buy a box of toys. He thinks he needs another £5 and 8p. Is he correct? Prove it.



£1



£8 and
58p



8b. Anna is saving up to buy a doll. She thinks she has £1 too much. Is she correct? Prove it.



Two 20p coins



£4 and
50p



9a. Chris has £9 and 22p. Some money has fallen out of his pocket.



Two 1p coins

These are the coins he has left. What money could he have dropped?

Give two possibilities.



9b. Aleena has £11 and 52p. Some money has fallen out of her pocket.



£1 1p

Two 10p coins

These are the coins she has left. What coin(s) could she have dropped?

Give two possibilities.



Maths task 3

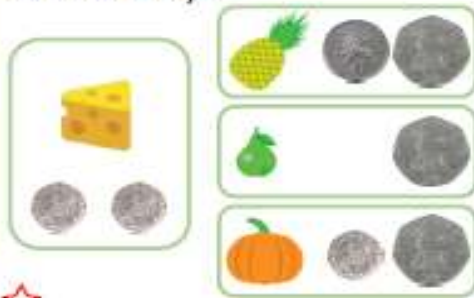
Find Change

1a. Maisie is given 90p to buy bread. She is allowed to spend the change. What can she buy?



Find Change

1b. Jasper is given £1 to buy cheese. He is allowed to spend the change. What can he buy?



Find Change

4a. Lauren is given £1 to buy milk. She is allowed to spend the change. What can she buy?



Find Change

4b. Karl is given 80p to buy butter. He is allowed to spend the change. What can he buy?



2a. Ethan has the coins below to go shopping.



The shopkeeper gives Ethan his change. What coins could he have?



2b. Thea has the coin below to go shopping.



The shopkeeper gives Thea her change. What coins could she have?



3a. Sunita has £1. She buys some stickers that cost 70p.



Is Sunita correct? Explain your answer.



3b. Edward has 60p. He buys some biscuits that cost 30p.



Is Edward correct? Explain your answer.



5a. Hamil has the coins below to go shopping.



The shopkeeper gives Hamil his change. What coins could he have?



5b. Niamh has the coins below to go shopping.



The shopkeeper gives Niamh her change. What coins could she have?



6a. Simon has £1. He buys some sweets that cost 69p.



Is Simon correct? Explain your answer.



6b. Pippa has 70p. She buys some cupcakes that cost 47p.



Is Pippa correct? Explain your answer.



Find Change

7a. Alana is given 99p to buy a bottle of water. She is allowed to spend the change. What can she buy?


 fifty-three pence


 thirty-nine pence


 forty-five pence


 forty-seven pence

Find Change

7b. Elijah is given 81p to buy a carton of juice. He is allowed to spend the change. What can he buy?


 thirty-nine pence


 forty-one pence


 forty-three pence


 forty-two pence

8a. Lydia has the coins below to go shopping.

2 lots of 20p coins 5 lots of 5p coins 4 lots of 2p coins




I have spent forty pence.

The shopkeeper gives Lydia her change.
What coins could she have?

8b. Noah has the coins below to go shopping.

5 lots of 10p coins 7 lots of 5p coins 9 lots of 1p coins



I have spent fifty-six pence.

The shopkeeper gives Noah his change.
What coins could he have?

9a. Aidan has £1. He buys some crayons that costs the amount shown below.





I need forty-two pence change.

Is Aidan correct? Explain your answer.

9b. Ellie has 93p. She buys a book that costs the amount shown below.

















I need twenty-six pence change.













Is Ellie correct? Explain your answer.

Maths task 4

Two-Step Problems

<p>1a. Kayden finds a 50p coin. He puts it with the 20p he has. Does he have enough to buy the pens?</p>  <table border="1" data-bbox="145 446 504 534"> <tr> <td></td> <td></td> </tr> <tr> <td>50p</td> <td>20p</td> </tr> </table> <p>Explain how you know.</p> <p>☆</p>			50p	20p	<p>1b. Julianna finds a £2 coin. She puts it with the £1 coin she has. Does she have enough to buy the teddy?</p>  <table border="1" data-bbox="604 446 963 534"> <tr> <td></td> <td></td> </tr> <tr> <td>£2</td> <td>£1</td> </tr> </table> <p>Explain how you know.</p> <p>☆</p>			£2	£1
50p	20p								
£2	£1								
<p>2a. Lina has 60p.</p>  <p>Pears are 55p. How many pears can she buy? How much change will she get?</p> <p>☆</p>	<p>2b. Hamza has £2.</p>  <p>Cakes are £1. How many cakes can he buy? How much change will he get?</p> <p>☆</p>								
<p>3a. Emily spends £5. Which 2 items did she buy?</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="123 1077 235 1268"> <p>A</p>  <p>£1</p> </div> <div data-bbox="280 1077 392 1268"> <p>B</p>  <p>£3</p> </div> <div data-bbox="436 1077 548 1268"> <p>C</p>  <p>£4</p> </div> </div> <p>Which combination of coins could she use to pay £5?</p>  <p>☆</p>	<p>3b. Annabel spends 85p. Which 2 items does she buy?</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="593 1077 705 1268"> <p>A</p>  <p>35p</p> </div> <div data-bbox="750 1077 862 1268"> <p>B</p>  <p>50p</p> </div> <div data-bbox="907 1077 1019 1268"> <p>C</p>  <p>45p</p> </div> </div> <p>Which combination of coins could she use to pay 85p?</p>  <p>☆</p>								

Two-Step Problems

<p>4a. Bradley finds a 50p coin. He puts it with the 20p coin and 1p coin he has. Does he have enough to buy the pencils?</p>  <table border="1" data-bbox="1131 486 1489 574"> <tr> <td></td> <td></td> </tr> <tr> <td>50p</td> <td>21p</td> </tr> </table> <p>Explain how you know.</p> <p>☆</p>			50p	21p	<p>4b. Jemma finds £5 note. She puts it with the £2 coin she has. Does she have enough to buy the book?</p>  <table border="1" data-bbox="1568 486 1926 574"> <tr> <td></td> <td></td> </tr> <tr> <td>£5 note</td> <td>£2</td> </tr> </table> <p>Explain how you know.</p> <p>☆</p>			£5 note	£2
50p	21p								
£5 note	£2								
<p>5a. Sofia has 80p.</p>  <p>Peaches are 22p. How many peaches can she buy? How much change will she get?</p> <p>☆</p>	<p>5b. Jamil has 65p.</p>  <p>Bananas are 25p. How many bananas can he buy? How much change will he get?</p> <p>☆</p>								
<p>6a. Hassan spends 73p. Which 2 items does he buy?</p> <div style="display: flex; flex-wrap: wrap;"> <div data-bbox="1097 1117 1288 1268"> <p>A</p>  <p>45p</p> </div> <div data-bbox="1299 1117 1512 1268"> <p>B</p>  <p>18p</p> </div> <div data-bbox="1131 1252 1332 1364"> <p>C</p>  <p>31p</p> </div> <div data-bbox="1355 1236 1534 1364"> <p>D</p>  <p>28p</p> </div> </div> <p>Which combination of coins could he use to pay 73p?</p> <p>☆</p>	<p>6b. Annabel spends £11. Which 2 items does she buy?</p> <div style="display: flex; flex-wrap: wrap;"> <div data-bbox="1534 1117 1736 1220"> <p>A</p>  <p>£4</p> </div> <div data-bbox="1747 1117 1960 1220"> <p>B</p>  <p>£4</p> </div> <div data-bbox="1534 1236 1736 1364"> <p>C</p>  <p>£5</p> </div> <div data-bbox="1747 1236 1960 1364"> <p>D</p>  <p>£3</p> </div> </div> <p>Which combination of notes and coins could she use to pay £11?</p> <p>☆</p>								

Two-Step Problems

7a. Harley finds a £10 note.

He puts it with the £1 coin and the two £2 coins he has.

Does he have enough to buy the art set?



Explain how you know.



Two-Step Problems

7b. Suzannah finds a £5 note.

She puts it with the £1 coin and £2 coin she has.

Does she have enough to buy the yo-yo?



Explain how you know.



8a. Aisha has one 50p coin, two 20p coins, three 2p coins and two 1p coins.



A windmill is 28p.

How many windmills can she buy?

How much change will she get?



8b. Hussain has one £20 note, three £1 coins and one £2 coin.



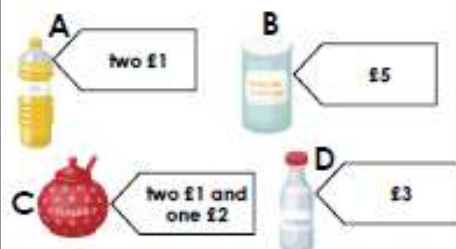
A robot is £10.

How many robots can he buy?

How much change will he get?



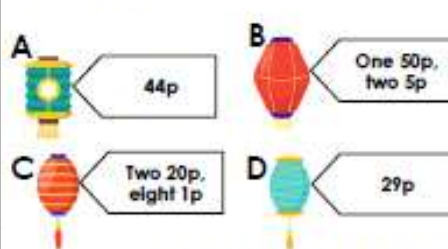
9a. Kevin spends £9. Which 2 items does he buy?



Which combination of coins could he use to pay £9, using the least amount of coins?



9b. Grace spends 73p. Which 2 items does she buy?



Which combination of coins could she use to pay 73p, using the least amount of coins?



Maths task 5

Reasoning – Make the Largest Amount

1. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

2. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

3. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

4. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

Reasoning – Make the Largest Amount

5. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

6. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

7. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

8. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

Reasoning – Make the Largest Amount

9. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

10. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

11. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

12. Look at these coins and notes:



What is the largest amount you can make using four of these coins and notes?

p

Reasoning – Finding Total Amounts using Money

1. Look at these four fruits.



Hugo buys 3 different fruits.

He spends exactly 80p.

Tick the 3 fruits that he buys.

2. Look at these four fruits.



Maddy buys 3 different fruits.

She spends exactly 90p.

Tick the 3 fruits that she buys.

3. Look at these four fruits.



Carlos buys 3 different fruits.

He spends exactly £1.

Tick the 3 fruits that he buys.

4. Look at these four fruits.



Lily buys 3 different fruits.

She spends exactly £1.

Tick the 3 fruits that she buys.

Reasoning – Finding Total Amounts using Money

5. Look at these five fruits.



Saskia buys 3 different fruits.

She spends exactly £1.01.

Tick the 3 fruits that she buys.

6. Look at these five fruits.



Hettie buys 3 different fruits.

She spends exactly £1.20.

Tick the 3 fruits that she buys.

7. Look at these five fruits.

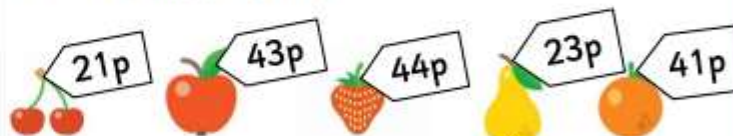


Sam buys 3 different fruits.

He spends exactly £1.01.

Tick the 3 fruits that he buys.

8. Look at these five fruits.



Mikael buys 3 different fruits.

He spends exactly £1.06.

Tick the 3 fruits that he buys.

Reasoning – Finding Total Amounts using Money

9. Look at these five fruits.



Herman buys 3 different fruits.

He spends exactly £1.35.

Tick the 3 fruits that he buys.

10. Look at these five fruits.

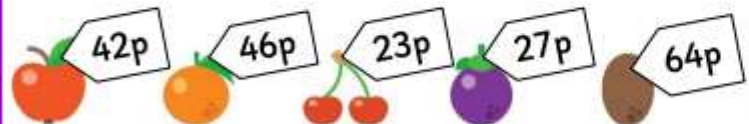


Polly buys 3 different fruits.

She spends exactly £1.40.

Tick the 3 fruits that she buys.

11. Look at these five fruits.



Jenson buys 3 different fruits.

He spends exactly £1.14.

Tick the 3 fruits that he buys.

12. Look at these five fruits.



Sadie buys 3 different fruits.

She spends exactly £1.08.

Tick the 3 fruits that she buys.

Task 1

Reasoning and Problem Solving Find the Difference

Developing

- 1a. The plant pot could be £1 (£2 - £1) or £3 (£2 + £1).
2a. Ray is correct. The windmill is £3 but he only has £2. £2 + £1 = £3.
3a. £1 (or coins totalling £1).

Expected

- 4a. The football could be £4 and 90p (£3 and 80p + £3 and 10p) or 70p (£3 and 80p - £3 and 10p).
5a. Joe is correct. The magic set costs £2 and 99p but Joe only has £2 and 20p.
6a. Various answers, for example: £2 and £1; 3 x £1; 6 x 50p. (£3)

Greater Depth

- 7a. The scarf could be £3 and 82p (£2 and 42p + £1 and 40p) or £1 and 2p (£2 and 42p - £1 and 40p).
8a. Mick is incorrect. The box of toys is £8 and 58p but Mick only has £4 and 20p. He needs £2 and 38p.
9a. Various answers, for example: £2 and 20p, 2 x £1 and 20p, 4 x 50p and 20p. (£2.20)

Reasoning and Problem Solving Find the Difference

Developing

- 1b. The tennis ball could be 50p (70p - 20p) or 90p (70p + 20p).
2b. Lucy is incorrect. The sweets are 50p but she only has 30p. She needs 20p. 30p + 20p = 50p.
3b. 10p (or coins totalling 10p).

Expected

- 4b. The melon could be £4 and 45p (£3 and 25p + £1 and 20p) or £2 and 5p (£3 and 25p - £1 and 20p).
5b. Leo is incorrect. The football is £7 and 15p but Leo only has £5. He needs £2 and 15p.
6b. £10 or 2 x £5. (£10)

Greater Depth

- 7b. The go kart could be £7 and 77p or £1 and 37p.
8b. Anna is correct. The doll is £4 and 50p but Anna has £5 and 50p. She has £1 too much.
9b. Various answers, for example: 20p and 10p and 1p; 3 x 10p and 1p. (31p)

Task 2

Reasoning and Problem Solving Find the Total

Developing

- 1a. Isla is incorrect because 20p + 10p + 5p = 35p
2a. Greatest total = 80p; smallest total = 35p
3a. Yes, Izzy has enough money. She has £2 and 25p.

Expected

- 4a. Jon is incorrect because 51p + £5 + £2 = £7 and 51p.
5a. Greatest total = £27; smallest total = 23p
6a. No, Tim does not have enough money. He only has £7 and 50p.

Greater Depth

- 7a. Gabby is incorrect because £8 + 65p + £4 + £6 = £18 and 65p.
8a. Greatest total = £9; smallest total = 72p
9a. Yes, Max has enough money. He has £9 and 22p.

Reasoning and Problem Solving Find the Total

Developing

- 1b. Suchin is correct because 20p + 50p + 10p = 80p
2b. Greatest total = £1 and 60p; smallest total = 65p
3b. No, Sage does not have enough money. She only has 75p.

Expected

- 4b. Olga is correct because £5 + 50p + 32p = £5 and 82p.
5b. Greatest total = £17; smallest total = 8p
6b. No, Sung-Hee does not have enough money. She only has £11 and 20p.

Greater Depth

- 7b. Paula is correct because £6 + £3 + £10 + 87p = £19 and 87p.
8b. Greatest total = £23; smallest total = 70p
9b. No, Eddie does not have enough money. He has £20 and 92p.

Task 3

Reasoning and Problem Solving
Find Change

Developing

- 1a. Maisie could buy the biscuits or the doughnut because she has 40p change.
2a. Any arrangement of 40p, for example: 10p + 10p + 10p + 10p.
3a. Sunila is incorrect because $£1 - 70p = 30p$. She would have 10p too much change if she was given 40p.

Expected

- 4a. Lauren could buy the cherries or the strawberry because she has 30p change.
5a. Any arrangement of 43p, for example: 20p + 20p + 2p + 1p.
6a. Simon is incorrect because $£1 - 69p = 31p$. He would have 10p too much change if he was given 41p.

Greater Depth

- 7a. Alana could buy the bread or the popcorn because she has 46p change.
8a. Any arrangement of 33p, for example: 10p + 20p + 2p + 1p.
9a. Simon is incorrect because $£1 - 57p = 43p$. He would need 1p more to have the correct change.

Reasoning and Problem Solving
Find Change

Developing

- 1b. Jasper could buy the pineapple or the pear because he has 60p change.
2b. Any arrangement of 50p, for example: 20p + 20p + 10p.
3b. Edward is incorrect because $60p - 30p = 30p$. He would need 10p more change.

Expected

- 4b. Karl could buy the orange or the lemon because he has 40p change.
5b. Any arrangement of 41p, for example: 10p + 10p + 20p + 1p.
6b. Pippa is incorrect because $70p - 47p = 23p$. She would have 2p too much change if she was given 25p.

Greater Depth

- 7b. Elijah could buy the cupcake or the crisps because she has 42p change.
8b. Any arrangement of 38p, for example: 10p + 10p + 10p + 5p + 2p + 1p.
9b. Ellie is incorrect because $93p - 77p = 16p$. She would have 10p too much change if she was given 26p.

Task 4

Reasoning and Problem Solving
Two-Step Problems

Developing

- 1a. Yes; he has 70p and the pens are only 60p.
2a. 1 pear; 5p change.
3a. A and C. Various coin combinations, for example: £2 + £2 + £1.

Expected

- 4a. No; he needs 18p more.
5a. 3 peaches; 14p change
6a. A and D. Various coin combinations, for example: 50p + 20p + 2p + 1p.

Greater Depth

- 7a. Yes; he has £15 and the art set is £14.
8a. 3 windmills; 14p change
9a. B and C. £2 + £2 + £2 + £2 + £1.

Reasoning and Problem Solving
Two-Step Problems

Developing

- 1b. Yes; she has £3 and the teddy is £3.
2b. 2 cakes; no change.
3b. A and B. Various coin combinations, for example: 50p + 20p + 10p and 5p.

Expected

- 4b. Yes; she has £7 and the book is £6.
5b. 2 bananas; 15p change
6b. A and C. Various note and/or coin combinations, for example: £10 + £1.

Greater Depth

- 7b. No; she needs £2 more.
8b. 2 robots; £5 change
9b. A and D. 50p + 20p + 2p + 1p.

Task 5

Make the largest amount

Tricky

1.	£5.65	5.	£11.21	9.	£11.05
2.	£6.40	6.	£12.60	10	£16.00
3.	£7.11	7.	£13.10	11.	£17.02
4.	£5.09	8.	£10.27	12.	£20.55

Expert

1. Cherry + apple + orange = 80p
2. Apple + plum + kiwi = 90p
3. Green pear + strawberry + orange = £1
4. Strawberry + yellow pear + kiwi = £1
5. Yellow pear + apple + kiwi = £1.01
6. Orange + cherry + kiwi = £1.20
7. Yellow pear + strawberry + orange = £1.01
8. Cherry + strawberry + orange = £1.06
9. Yellow pear + strawberry + orange = £1.35
10. Strawberry + yellow pear + plum = £1.40
11. Cherry + plum + kiwi = £1.14
12. Strawberry + yellow pear + orange = £1.08