

Listen to the link to find out what we are learning in maths this week. <https://youtu.be/Kz8rSBIgMBI>

Maths Home Learning

Week beginning 01.02.21

This week...

Day 1 - Mental Maths - Missing numbers and sequences.

Day 2 - Money - getting to know money

Day 3 - Money - using and adding money.

Day 4 - Money - Using money to buy things.

Day 5 - Money - challenges

Day 1

Arithmetic

Finding missing numbers.

- To help us find missing numbers we need to be able to count forwards and backwards.
- Practice counting to 20 out loud forwards first.
- Follow the numbers below to help you.
- 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20.

Finding missing numbers.

- To help us find missing numbers we need to be able to count forwards and backwards.
- Now practice counting backwards out loud from 20.
- Follow the numbers below to help you.
- 20,19,18,17,16,15,14,13,12,11,10,9,8,7,6,
5,4,3,2,1

Finding missing numbers.

- Now we are going to practice finding missing numbers in a number line.
- We need to look carefully at the numbers that come before *AND* the numbers that come after the missing number.
- Write these number lines, including the missing number, in your home learning book.

I do -

I read the numbers that come before the missing number.

I remember what number comes next (I can say my numbers out loud to help me).

Next I write in the missing number.

3, 4, 5 , 7, 8, 9

I do -

- 3, 4, 5, 6, 7, 8, 9
- The missing number is 6
- Check your answer:
- I read the numbers that came before.
- Then I checked my answer by reading the numbers that came afterwards.

I do -

6, 8, , 12, 14

I read the numbers that came before.

This time the numbers are going up in 2s so I need to count in 2s to find the missing number.

I do -

6, 8, 10, 12, 14

Check your answer

I read the numbers that came before.

I noticed the numbers were going up in 2s so I counted in 2s.

Then I checked my answer by reading the numbers that came afterwards.

We do -

2, 3, 4, 5, 6, , 8, 9

Look at the numbers before up to 6, say them out loud if you need to.

What number comes next?

That is your missing number.

How did you do?

2, 3, 4, 5, 6, 7, 8, 9

The numbers go up in 1s so we count in 1s out loud, when we get to 6 we say the next number in the sequence. "7" This is our missing number.

Keep counting to check you are correct.

You do -

Write down the number sequences in your home learning book.

Remember to add in the missing numbers.

7, 8, 9, 10, 12, 13

4, 6, , 10, 12, 14

10, 20, 30, 50, 60

12, 11, 10, 9, 7, 6

How did you do?

Remember to CHECK your work.

7, 8, 9, 10, 11, 12, 13

4, 6, 8, 10, 12, 14

10, 20, 30, 40, 50, 60

12, 11, 10, 9, 8, 7, 6

Day 2

Money - getting to
know money.

Time to learn all
about money.

Money

- Think about and talk about these questions.
- What is money?
- Why do we need money?
- Does everything cost money?
- How do we get money?

Some ideas for grown ups.

- Have a day where your child/children can get paid in tokens or buttons for working/tidying up etc.
- By the end of the day talk to the child/children about how they have earned that "money" and what they could buy with it e.g. a biscuit or a hot chocolate.

Some ideas for grown ups.

- Talk about the cost of different things that you buy at the shop such as cereal, bread or juice.
- Then talk about treat items and how much they cost. Things like birthday cakes or sweets.
- Compare the prices of similar and different items.

Some ideas for grown ups.

- If you have some coins to show the children it would be useful and for them to use this week.
- If you do not it would be great if you could make some coins with paper for the children.

Let's start by
finding out what
these coins are
worth.

Look at these coins very carefully. What do you see?



How much are these coins worth?
Look carefully for clues.



How did you do?

P means pence



1p



2p



5p



10p



20p



50p



1 pound or £1.00

Draw the coins in your home learning book and write down how much they are worth.

For more information on coins and the value of each coin watch this video.

https://youtu.be/vs8F_g3MGtM

Ask your grown up if they have any coins you can look at.

OR you can make some coins out of bits of scrap paper.

I do -



I look carefully at the coin.

I check how big it is.

I look for any clues.

I do -

It is worth 2p (or 2 pence).



I looked carefully at the coin.

It is a round coin. It has a round edge.

I checked how big it is.

It is bigger than some other coins.

I looked for any clues.

It has writing around it and a picture of the queen.

We do -

What is it worth?



Look carefully at the coin.

Check how big it is.

Look for any clues.

We do -

It is worth 1p (or 1 pence).



It is a small coin.

It has one round edge.

It says one penny on it.

You do -

Look at these coins and write down what they are worth in your home learning books.



How did you do?



10 p



50p



20p

Day 3

Money - Using
money

Arithmetic

Let's practise our 2x 5x 10x

$2 \times 10 =$ $7 \times 10 =$

$3 \times 5 =$ $8 \times 5 =$

$4 \times 2 =$ $9 \times 2 =$

$5 \times 5 =$ $10 \times 10 =$

$6 \times 2 =$ $0 \times 5 =$

CHALLENGE 3 x table

Remember in year 2 the times tables to know really well are 2x, 5x, 10x. The 3x table and others are only if you want a challenge.

$1 \times 3 =$ $6 \times 3 =$

$2 \times 3 =$ $7 \times 3 =$

$3 \times 3 =$ $8 \times 3 =$

$4 \times 3 =$ $9 \times 3 =$

$5 \times 3 =$ $10 \times 3 =$

Using and adding money

- Yesterday we found out about money.
- When we buy things we have to know how much money to give.
- So we need to be able to add money amounts together so we know how much to pay the shop assistant.

I do -

- We need to practice adding amounts of coins together. Look at these coins.



50p



20p

I do -

- How much are these coins worth altogether?



$$50p + 20p = 70p$$

I can use my addition knowledge and base 10 knowledge to work this out.

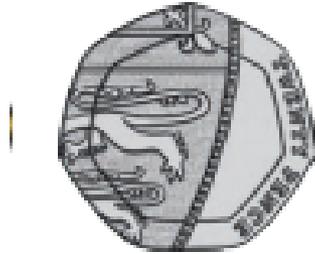
I do -



$$50p + 20p = 70p$$

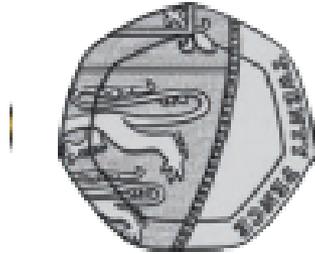
Remember to add the p on for pence.

We do -



$$20p + 2p =$$

We do -



$$20p + 2p = 22p$$

You do -

Draw the coins and your workings out in your home learning book.

How much are these coins worth?



=

How did you do -

Draw the coins and your workings out in your home learning book.

How much are these coins worth?



$$50p + 2p = 52p$$

You do -
Now try these.

1.  +  =

2.  +  =

3.  +  +  =

4.  +  +  +  =

How did you do?

1.  +  = 21p

2.  +  = 60p

3.  +  +  = 30p

4.  +  +  +  =

28p

CHALLENGE

How much are these coins worth altogether?



CHALLENGE-ANSWER

How much are these coins worth altogether?



$$£1.00 + 10p + 2p + 5p = £1.17$$

Listen to the link to hear what we are learning today.

https://youtu.be/YHhqNj_InSM

Day 4

Using money

Arithmetic

Let's practise our times tables

$1 \times 5 =$ $6 \times 2 =$

$2 \times 10 =$ $7 \times 5 =$

$3 \times 2 =$ $8 \times 10 =$

$4 \times 5 =$ $9 \times 2 =$

$5 \times 10 =$ $10 \times 5 =$

CHALLENGE 3 x table

Remember in year 2 the times tables to know really well are 2x, 5x, 10x. The 3x table and others are only if you want a challenge.

$1 \times 3 =$ $6 \times 3 =$

$2 \times 3 =$ $7 \times 3 =$

$3 \times 3 =$ $8 \times 3 =$

$4 \times 3 =$ $9 \times 3 =$

$5 \times 3 =$ $10 \times 3 =$

Now we know about money we can use it to buy some things.

- We need to work out what coins we would need to buy some things.
- Let's look at some items we would like to buy.

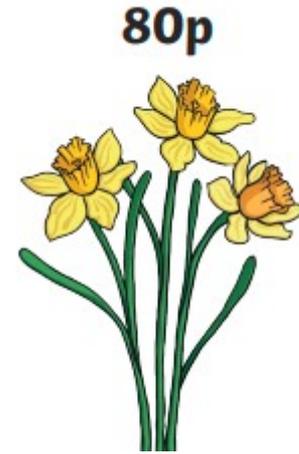
I do -

- I would like to buy some flowers.
- They cost 80p
- What coins do I need?



I do -

The flowers cost 80p so I
need enough money for 80p.
I look at the coins and add
them together to make 80p.



$$50p + 20p + 10p = 80p$$

We do -

I would like to buy this cupcake.

It costs 60p.



What coins will I need to give the shopkeeper.

Things to help you

- You might need to try different coins until you find the right one.
- Don't forget to use your base 10 knowledge if you need to.

How did you do?



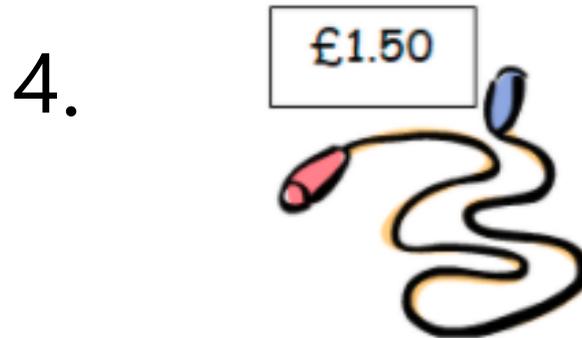
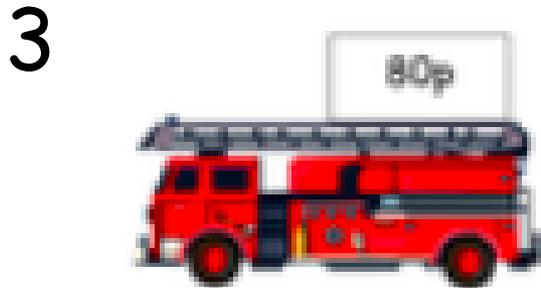
$$50p + 10p = 60p$$



You do-

Write the answers and your working out in your home learning books.

What coins do you need to buy the following items?



How did you do?

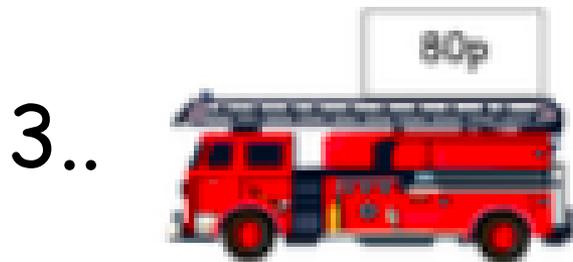
What coins do you need to buy the following items?



$$5p + 2p + 2p = 9p$$



$$10p + 1p = 11p$$



$$50p + 20p + 10p = 80p$$



$$£1.00 + 50p = £1.50$$

Day 5

Money- challenges

Practice what you know

- Play shops in your house.
- Gather some items together and put a price on each one of them. You can write them down on scraps of paper.
- Ask your grown ups if they have any coins you could borrow (remember to give them back when you have finished playing!)

Who is the shopkeeper?

- Next you need to tell people your shop is open!
- Ask people in your house if they will be your customers.
- Remember your customers will need some money to pay for the things and you will need to check they are giving you the correct money.

Some things you might want to sell in your shop.

- Toys
- Books
- Biscuits
- Fruit
- Something you have made yourself.
- Tins of beans etc.
- (Don't forget to ask your grown ups before you borrow anything for your play shop)

Money Challenges

- Time for your quiz. How much can you remember from this week? Click on the link to answer the questions.
- https://forms.office.com/Pages/ResponsePage.aspx?id=jp2v5jm_FEyFW3PuNqNMmc3VDY-Ly4c1OvOHY1pnoLJVUQIQyODIFUVJLUjlaWEpMU0xVVENFRjhWVy4u