## Week beginning $1^{\text {st }}$ March P6/5 Maths Planner



## P6/5 Maths What to expect!

- At the beginning of each week we will upload 3 PowerPoints into the January Home Learning folder on teams. Literacy, Numeracy and General.
- Teachers will be on hand to support throughout the school day.
- Teachers will host daily live meets at 9.10am and 1pm where they will talk through your task. These will be for help, support, check ins and fun will take place! Feel free to join whenever you can.
- You can work through the activities at your own pace, choosing activities you would like to complete :)


## \#P6/5areoutofthisworld

## Suggested Updated Timetable

P6/5 Home Learning Suggested Timetable

|  | 9:00-10:30am |  | $\begin{aligned} & \hline \text { Break } \\ & 10: 30 . \\ & 119 a \mathrm{l} \end{aligned}$ |  | 11am-12:30 | $\begin{gathered} \text { Lunch } \\ \text { 12.30-1:00 } \end{gathered}$ | 1.00-2.00 |  | 2.00-3.00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Monday |  |  |  | $x^{2}$ | LiEEACy |  |  | an | Body |
| Tuesday | LicE | $A C Y$ |  |  |  |  | Mary | ueen | of Scots |
| Wednesday |  |  |  |  | LíERACy |  | Human Bo |  | PE |
| Thursday | LIEE | $A C Y$ |  |  |  |  |  | /Fre | ench |
| Friday | Uidincy | Ma |  |  | ICT |  | Mary Quee Scots |  | PE |

Your daily lives are at 9:10am and 1:05pm everyday!

## Morning Challenge <br> 01.03.21

How many squares can be found by joining four dots on the grid below?


## Learning Intentions

- to discuss and understand there are many different payment methods
- to explore the most appropriate way of paying in different situations is
- to use and understand some of the key language relating to credit and debit card use

Think about it...

What products and services do we use money to pay for?
Think about what your parents and grandparents use money for...

### 01.03.21

## How can I pay for things?




Start


A A birthday card
B A library card

C A debit card
D


A You need to be 18 before you can have a debit card
B Some banks will give you a debit card from the age of 11

C You can have a debit card on your parents' account
D
You get a debit card as soon as you open a bank account


A A card


## How can I pay?



- When you want to buy goods, how do you pay?
- Which of these have you seen before?
-What are they and how do they work when paying?


## How should he pay today?

- An e-reader or tablet
- A bag
- Plain white trainers
- A bike and a safety helmet



# Different ways to pay Infographic 



There are many different ways to pay and manage your money. Before you choose you should think about and decide which way is best for you.


## Cash

Use
To pay almost anywhere,
apart from online.
Where
Paying for goods and services in a shop.

Who
Most people will use cash at some point and it can be usedat anyage.

## Fectures

- Pay for goods immediately and cvoid debt
- You canonly spend it if you have it
- It's easy to use
- It's easily lost or stolen
- Can't be used for online shopping


## Cheques

## Use

To send money safely to a named person or business. Used to pay bills, tradesmen, friends or school-related expenses but are used less and less nowadays.

Where
Anywhere that accepts cheques.

Who
Most banks let you have a cheque book at 16 or 18.

## Fectures

- You need to think about how much money is in your account
- You need to write the name of the payee on the cheque
- Many shops no longer accept them
- You need to have a bankaccount



## Bank cards

## Use

To give you access to the money in your bank account. There are two main types: debit cards and credit cards.

## Where

Withdraw cash at anATM, use online and in most shops.

## Who

Some banks offer debit cards to 11 year-olds, but you have to be 18 years old to have a credit card.

## Fectures

- Debit cards: Access the available money in your current account
- Credit cards: Spend money, pay it back later (with interest if you pay late)



## Online banking

## Use

To pay bills and check your account.

## Where

Anywhere with internet, on your computer, tablet or mobile.

## Who

You have to be at least 16 years old to bank online.

## Features

- Check your bank balance and see a record of how much you've spent
- Transfer money between accounts
- Make payments from home any time using your sort code and account number
- Set up bill payments
- Mobile apps for banking on the move


## Help the Williams family find out how much money they have left at the end of the month.

1. Look at the first thing in the list that they spent their money on and see how much it was. Subtract this amount from 'the balance': $£ 2,000-£ 80=$
2. Write the new balance in the box.
3. Go to the next thing in the list (petrol) and do the same.
4. Keep doing this until you have gone through everything and got to the bottom of the list.
5. When you get to the end of the list, look at how much money the Williamses have left in their account then answer the questions below the table

| Date | What the money is spent on | How much it cost | How much money is left ('the balance') |
| :---: | :---: | :---: | :---: |
|  | Money in bank account at start |  | £2,000 |
| 28 April | Supermarket shop | £80 |  |
| 1 May | Petrol | £40 |  |
| 6 May | Family day out | £70 |  |
| 7 May | Mortgage payment | £750 |  |
| 9 May | Cash spending money | £200 |  |
| 9 May | Gas bill | £160 |  |
| 11 May | Supermarket shop | £80 |  |
| 13 May | Petrol | £40 |  |
| 14 May | Car insurance | £50 |  |
| 17 May | Cash spending money | £50 |  |
| 17 May | Car service | £100 |  |
| 18 May | Supermarket shop | £80 |  |
| 20 May | Petrol | £40 |  |
| 26 May | Supermarket shop | £80 |  |

## ChELENGE

- How much money have the Williams family got left at the end of the month?
- Can they afford to take $£ 200$ out for spending money?
- How much spending money should they take out?
- The Williams family also need to make the final payment on their holiday ( $£ 600$ ) - do they have enough money in their bank account to do this, or should they pay it on their credit card?



## When and how do I use a contactless card?

- How does my contactless card work?
- Can I pay for everything using my contactless card?
- Is there anything I need to think about when using a contactless debit or credit card?


## Starter - Daily 5

### 02.03.21

| Pyramids |
| :--- | :--- |
| 1. $3948 \div 7$ |
| 2. Simplify $3 / 12$ |
| 3. $357 \times 42$ |
| 4. $(23+9) \times 5$ |
| 5. 74738 |
| $-\quad 5547$ |



## Think about it...

## Mathematical Talk

How many pence make a pound?
Why do we write a decimal point between the pounds and pence?

How would we write 343 p using a pound sign?
How can the amounts be partitioned in to pounds and pence?
Is there only one way to complete the part-whole model?
How can these amounts be converted into pounds and pence?

## Mini Maths <br> $\underline{02.03 .21}$

## Chilli Challenges

Can you complete a challenge?



## CHOOSE YOUR SPICE!!!

Mild Medium Hot


## Mild



9
Here is a cafe price list for sandwiches.


Tommy buys two sandwiches
The total cost is 68 p.
Which two sandwiches does he buy?
$\qquad$ and $\qquad$
Rosie buys an egg sandwich. She pays with a single coin. Here is her change.


What coin did Rosie use to pay?

$\square$ How much money is in each purse?

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

$\square$ Convert these amounts to pounds and pence:

$$
357 \text { p } 307 \mathrm{p} \quad 57 \mathrm{p} \quad 370 \mathrm{p}
$$



## Hot

How much money is in each purse?

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


4 Convert these amounts to pounds and pence:


Some children are converting 1206 p into pounds.

Who is correct?


What have the others done wrong?

### 03.03.21

## Money Learning intentions varies dependent on groups

## Vanishing Point 03.03.21

Choose an amount of money below.
Subtract 15 p. Then subtract 25 p from the answer. Then 35 p, then 45 p, and so on.

What is the final amount you are left with? This is the vanishing point.
Find the vanishing point of each amount.


Which number leaves the largest vanishing point?

# Money 

### 03.03 .21

## Pyramids

## Starter

Vanishing Point Morning Challenge

Main Task
LI: to add and
subtract money and multiply/divide money by a number

Teejay $2 \mathrm{a} \mathrm{pg}. \mathrm{70-71}$
Finisher
Wednesday Finisher

\left.| Cubes |
| :--- |
| Starter |
| Vanishing Point |
| Morning Challenge |$\right]$| Main Task |
| :--- |
| LI: to use decimals |
| in money and add |
| and subtract |
| money |
| Teejay 1a pg. 90-91 |
| Finisher <br> Wednesday Finisher |

## Cubes

Starter
Vanishing Point
Morning Challenge
Main Task
LI: to use decimals in money and add and subtract money

Teejay 1a pg. 90-91
Finisher
Wednesday Finisher

## Cuboids

## Starter

Vanishing Point
Morning
Challenge
Main Task
LI: to work with money up to $£ 20$

Teejay 1b
pg. 76 \& 77
Finisher
Wednesday Finisher

## Spheres

## Starter

Vanishing Point Morning Challenge

Main Task
LI: to work with money up to $£ 20$

Teejay 1b pg. 77 (from Q4) \& 78

Finisher Wednesday Finisher


## Cuboid

### 03.03.21



## Spheres

03.03 .21


Kara buys a magazine costing £18-29.
she gives the shopkeeper the xact money as shown.

There are many different ways of giving the exact money when buying something.
4. Look at how much Kara gave the shopkeeper.

Write down other ways she could have paid exactly
5. Write down the coins that you could pay exactly for :-
a $£ 7.77$
b $£ 10.53$
c $£ 11.94$
d $£ 18.91$
e $£ 19.05$
f $£ 14.87$
$9 £ 15.55$
h £19.99.
6. Harry gave the shopkeeper a $£ 5$ note to pay for his $£ 4.12$ cake.
a How much change should he get?
b Give an example of what notes and coins might make up his change.

7.


CfE Book 1 b - Chapter 7

May's mum handed over a $£ 10$ note for her $£ 6.79$ scarf.
a How much change should she get?
b Give an example of what notes and coins might make up her change.
8. James paid for a $£ 4.75$ box of chocolates with a twenty pound note
List the coins or notes he could get for his change.


Sammy buys a box of sweets for $£ 2.69$
9.

Sammy buys hands over a $£ 10$ note.
a How much change should she get?
b Give an example of what notes and Give an might make up her change coins might make up her change.
10. Jason goes to Hamburger Palace and buys food costing £13.27. He pays with a $£ 20$ note.
a How much change should Jason get ?
b Give an example of what notes and coins he might have in his change.

11. David has these notes and coins.

He buys an ink cartridge costing £15.85 for his printer.
Which of these notes and coins make up the $£ 15 \cdot 85$ ?
12.


Frank gave a $£ 20$ note to pay for his $£ 11.55$ weekly newspaper bill.
His change is shown
Has Frank been given the correct change ?


If not, what is missing ?
13. Anika has only a $£ 20$ note to pay for her $£ 1 \cdot 47$ sandwich.

Give an example of what notes and coins she might have in her change.


Maney


## Wednesday Finisher 03.03.21

Draw nine dots in a square.


Can you draw a line through all nine dots without taking your pen off the paper? You can start at any dot you like.

## Thursday



### 05.03.21

## LI: to use my knowledge of number operations to break the code

## Mini Maths <br> 05.03.21

## Chilli Challenges

Can you complete a challenge?

## CHOOSE YOUR SPICE!!!

Mild Medium Hot

I Mary buys these two items.


She pays with the following coin.


Here is the change she is given.


Has she been given the correct change?

## Presents

2 Mo buys a key ring.


His mum gives him a quarter of the money.

How much money does he have to pay himself?

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?

Amir has these digits cards.
4
6 3 2

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.

A class has $£ 100$ to spend on books.

> Book Prices
> Hardback $=£ 8$
> Paperback $=£ 4$

How many books could they buy for £100?
How many different ways can this be done?

Dexter buys a teddy bear for £6.00, a board game for $£ 4.00$, a CD for $£ 5.50$ and a box of chocolates for $£ 2.50$ He has some discount vouchers. He can either get $£ 10.00$ off or pay half price for his items. Which voucher would save him more?
Explain your thinking.

Here is Dora's receipt.

| Receipt |  |
| :--- | :---: |
| Sandwich |  |
| Orange juice |  |
| Crisps | 60 p |
| Banana |  |
| TOTAL |  |

Use the information to complete the receipt:

- The sandwich costs £2.15 more than the crisps.
- The orange juice is the same price as the crisps and banana together.
- The banana is half the price of the crisps.

