



HOME LEARNING

YEAR 4

18/05/2020

Morning Message

Good Morning year 4.

Welcome to week 5 of home learning. Hope you all had an amazing weekend. You'll be pleased that we do have a range of exciting activities for you this week so please enjoy them.

In English you will be researching about sharks and design an information leaflet. We are continuing with money in maths.

Answer for Friday's question was San Salvador. Today's country is **Dominican Republic**. What is the capital of **Dominican Republic**?

Continue practising your spellings and multiplication tables. For this, you will be using Purple Mash-**Monster Multiplication**. Please make sure you read every day.

Let's have a lovely day everyone.

Ms. Foster, Ms. Greenaway & Mr. Sowa

Today's Picture



Writing

Design an information leaflet/text all about sharks.

Sharks have often been portrayed as the 'bad guys' of the ocean whereas in fact they deserve to be respected and protected. There are over 1,000 species of shark found across all the oceans of the world. Sadly, sharks like all marine life, are under threat **from fishing nets, plastic pollution, habitat destruction and fishing for their fins.**

Design an information text to encourage people to learn all about sharks.

Think about:

What information you need to include and where will you find this? Remember how to effectively search the Internet for information. (Use kid Rex or other child friendly search engines) How will you set your work out? You could create a leaflet with pictures and fact boxes or you could go for a page with sub-headings.

Remember to:

1. Research sharks before you begin writing.
2. Use headings: (here are some ideas)
 - **Species of shark**
 - **Habitat**
 - **Diet**
 - **Threats to sharks**
 - **How we can support work to protect sharks**

Links to help you:

<https://www.bbc.co.uk/cbbc/shows/shark-bites>

<https://www.sharktrust.org/activities-downloads> (A-Z of sharks and more activities for you to complete if you like!)

<https://www.dkfindout.com/us/animals-and-nature/fish/sharks/>

Reading

Monday-

In your home learning writing book write today's date in the margin.

Write: Reading Day 1.

Your extract for this week is a non-fiction newspaper report written by reporter Amanda Kelper.

You must read the extract out loud to a family member practising using volume, tone and expression.

As you read the text underline or make notes of any words that you do not understand in your home learning writing book.

BACK TO EARTH WITH A BUMP!

Reported by Amanda Kelper, Media Correspondent, London

Last week, British astronaut Tim Peake returned home from an incredible six month stay aboard the International Space Station (ISS), alongside his crewmates Yuri Malenchenko and Timothy Kopra. He is the first British astronaut to have lived on the ISS.

The men were launched into space on 15th December 2015 and in the months before take-off, they trained intensively for their trip. Training involved learning to speak Russian, spending 12 days under the sea and a winter survival expedition.

During their space mission, the astronauts conducted experiments, tested out new technology and inspired the next generation of space travellers. Peake told reporters that the highlight of his trip was a spacewalk where he had to make a repair on the space station. Whilst he was 400km away from his home, Tim also ran the equivalent of the London Marathon on his treadmill.

Having circled the planet nearly 3,000 times in 186 days, the crew returned home to Earth via a Soyuz capsule, which reached speeds of up to 28,000 kilometres per hour (25 times the speed of sound). The touchdown was bumpy due to high winds, however the astronauts landed safely near the town of Zhezkazgan in Kazakhstan. They all returned in good health. Having arrived back on solid ground, the astronauts were pulled out of the capsule and carried as their leg muscles were too weak to walk. Whilst sitting in their space suits, the men were checked over by medical staff. During these checks, Peake was asked how it felt to be home, 'The smells of Earth are so strong and it's wonderful to be back in the fresh air.'

Landing with a bump! Tim Peake lands safely in Kazakhstan.

Tim later flew from Kazakhstan to the headquarters of the European Space Agency in Cologne, Germany where he is recovering and adjusting to life back on Earth. Scientists are carrying out tests to see how his body has been affected by his time in space.

In a recent press conference, Peake commented on how he'd missed family and friends, and even the rain. Tim expressed how much he was now looking forward to spending some quality time with his family. When asked if he'd return to space in the future, he replied, '...in a heartbeat.'

His service to science has earned him an honour from the Queen. Peake was made a CMG, or companion of the order of St Michael and St George. In response, Tim said, 'I am only one privileged person in a complex team of technicians, scientists, engineers, educators, trainers and flight directors, all working in pursuit of one of the greatest scientific and technical challenges of our time - exploring our solar system for the benefit of people on Earth. This award is for them.'

Children to access **Accelerated Reader** whilst at home.

Please follow the link below to the exact same page as the children have seen in school:

<https://ukhosted3.renlearn.co.uk/1922510/Public/RPM/Login/Login.aspx?srcID=s>

Maths

Year 4

Power Maths Book 4C

18-5-20

Pages 32 - 34

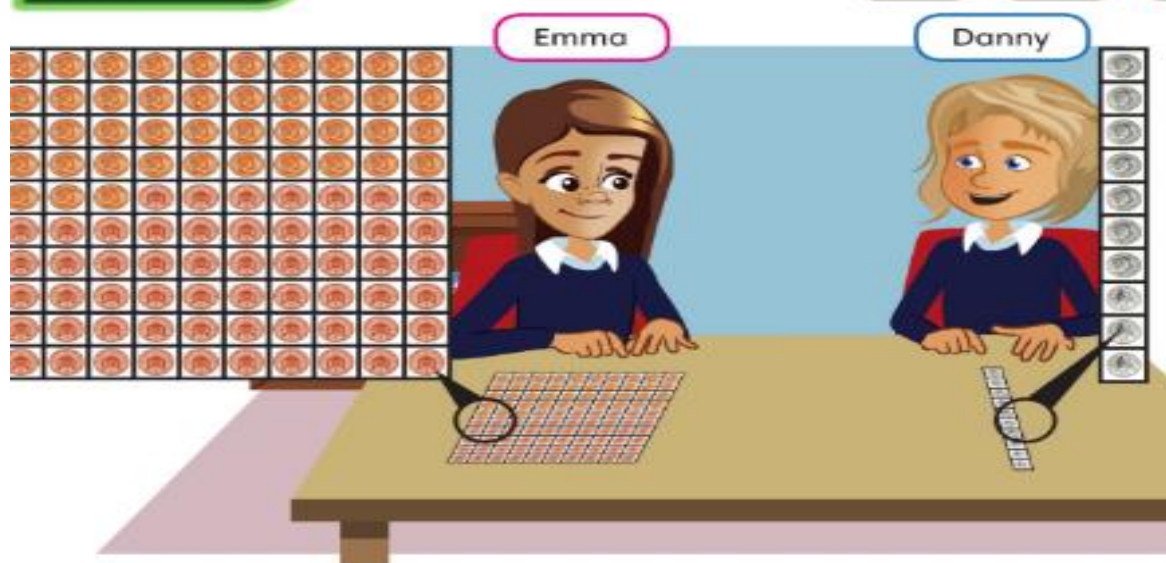
Today we're seeing what we are continuing with money.

Watch the video clip below.

<https://www.bbc.co.uk/bitesize/clips/zafb9j6>

Pounds, tenths and hundredths

Discover

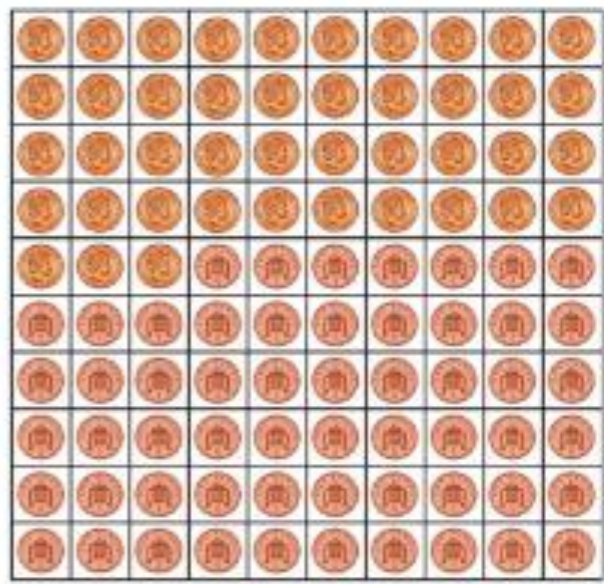


- 1** a) How much money does Emma have?
How much money does Danny have?
- b) How much money shows heads for Emma?
Give the answer in pounds.
How much money shows heads for Danny?
Give the answer in pounds.

Vocabulary: tenths, hundredths, decimal point, 0.1 and 0.01 whole number, decimal place, =, >, <, comparing decimals, ordering decimals, halves, quarters

Share

a) Emma has 100 1p coins.
 $100 \times 1p = 100p$
 100 pence is equal to £1.
 Emma has £1.



1p is $\frac{1}{100}$ of £1. If the £1 is the whole, then 1p is a hundredth of the whole.



Danny has 10 10p coins.
 $10 \times 10p = 100p$
 100 pence is equal to £1.
 Danny also has £1.



10p is $\frac{1}{10}$ of £1. If the £1 is the whole, then 10p is a tenth of the whole.



They have different numbers of coins but the same amount of money.





b) There are 43 1p coins showing heads.

This is $\frac{43}{100}$.

$$\frac{43}{100} = 0.43$$

Emma has £0.43 showing heads.

There are 7 10p coins showing heads. This is $\frac{7}{10}$.

Danny has £0.70 showing heads.

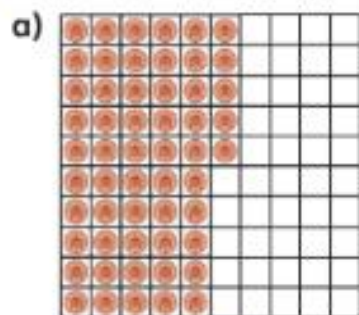
Remember, the decimal point separates the pounds from the pence.



We do not write Danny's money as £0.7. Seven 10p coins are equal to 70 pence. So we write it as £0.70 (0 pounds and 70 pence).

Think together

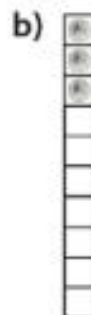
I How much money in pounds is shown on each grid?



There are 1p coins.

This is equal to .

There is £ .



There are 10p coins.

This is equal to .

There is £ .

2 How much money in pounds is there in each box?

A



C



B



D



There is £ in box A.

There is £ in box C.

There is £ in box B.

There is £ in box D.

3 a) Aki has three-tenths of £1.

How much money does Aki have?

b) Lexi has $\frac{17}{100}$ of £1.

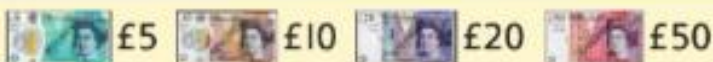
How much money does Lexi have?

c) Mo has £1. He loses $\frac{9}{100}$ of £1.

How much money does Mo have left?

CHALLENGE

I remember that 10p is $\frac{1}{10}$ of £1 and 1p is $\frac{1}{100}$ of £1.



→ Practice book 4C p32

complete **pages 32– 34** in your Power Maths books.

Tuesday and Thursday: Go on the Mathletics website to complete the tasks that have been set.

<https://www.mathletics.com/uk/>

Weekly Spellings

Spelling focus for the week: We are revising the statutory spelling words for Year 4.

greatest	puzzles	optician
hottest	fractions	electrician
largest	numerator	politician
quickest	denominator	musician
fastest	multiply	mathematician

You should know what the word means and be able to use it in a sentence.

Foundation Work (for the week)

Science

This week we are looking at the inside of our teeth and what they are made from.

There is a quiz to do on purple-mash, it is set as a 2Do.

Before you do it have a look at this video and do some research on what teeth are made from.

This is what the quiz page looks like.

Information can be found on this video:

<https://youtu.be/dpZ0Nv3uZqw>

And this website: <https://www.childrensuniversity.manchester.ac.uk/learning-activities/science/teeth-and-eating/the-structure-of-the-tooth/>

You have all week to do your research and the quiz, good luck.

Keep smiling with those incisors!



Diary

Write a diary of what work and activities you did today.
Remember to include your **emotions and opinions**.