

Year 4 Week Beginning- 18/05/20

Please continue to email us copies of any work that you have completed, as we are really enjoying seeing what you have done and how you are getting on. If you have done anything extra, we would love to see that too.

Also, if you have any problems or questions about any aspect of the home learning or activities, please don't hesitate to email us so that we can help. The Year 4 email address is class4@mereworth.kent.sch.uk

Finally, if you need any additional resources and activities, remember to have a look at the website suggestions sent with the Term 5 parent letter.

Mrs Hearn and Mrs Jones

Please note that any video links should be watched with an adult. Thank you

English Challenge - Roman Myth



Your challenge is to write your own Roman myth similar to the bee story that you read a few weeks ago.

https://www.ducksters.com/history/ancient_roman_gods_mythology.php This is a link to a web page which lists all the Gods and what they were in charge of.

Step 1) Choose an animal

Step 2) Decide what they need: great vision; being able to camouflage; being a good hunter etc.

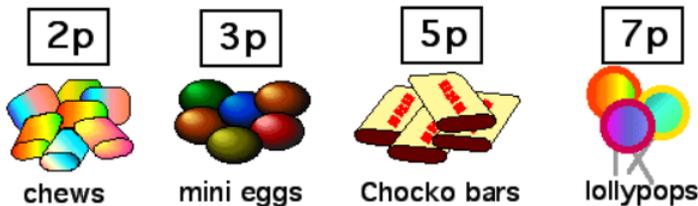
Step 3) Choose the most suitable God for your animal.

For example: **Neptune** – God of the sea **Diana** – The goddess of the hunt and animals. Then create a myth (including pictures) about your chosen animal and your God.

Maths Challenge: Measure – Money - Here are 2 investigations; choose **1** to do

1. The Puzzling Sweet Shop:

There were chews for 2p, mini eggs for 3p, Chocko bars for 5p and lollypops for 7p.



What could she buy if she wanted to spend all her money?

Alice, James, Katie and Henry went into the shop too. They each had 20p to spend and they all spent all of their money.

Alice bought at least one of each kind of sweet. Which one did she have two of?

James spent his money on just one kind of sweet, but he does not like chews. Which sweets did he buy?

Katie bought the same number of sweets as James but she had 3 different kinds. Which sweets did she buy?

Henry chose 8 sweets. What could he have bought?

Hint:

Think of the ways that 10 and 20 can be divided up using your Times Tables knowledge

2. How much did it cost?

Dan bought a packet of crisps and an ice cream.

The cost of both of them together is in one of the boxes below.

£1.85	75p	£1.74	£2.25	£1	£1.56
£2.10	80p	£1.80	£3.06	£1.44	£1.50
£1.60	£1.25	£1.20	90p	£1.45	£1.27

Use these clues to find out how much he paid:

1. You need more than three coins to make this amount.
2. There would be change when using the most valuable coin to buy them.
3. The crisps cost more than 50p.
4. You could pay without using any copper coins.
5. The ice cream costs exactly twice as much as the crisps.

Hint:

It might help to make a list of all the coins first, just to remind yourself.

Are there any amounts which you can definitely rule out using some of the clues?

Science Challenge: What is an Oobleck?

We have found out that substances change states (from solids to liquids to gases) when we change the temperature, such as freezing water into ice or boiling it away into steam. But this simple mixture shows how changes in pressure, instead of temperature, can change the properties of some materials.

Oobleck and other pressure-dependent substances (such as Silly Putty and quicksand) are not liquids such as water or oil. They are known as non-Newtonian fluids. This substance's funny name comes from a Dr. Seuss book called 'Bartholomew and the Oobleck'

Experiment – To make your own Oobleck You will need an adult to help you

You will need:

- 1 cup of water
- 1-2 cups of cornflour
- Mixing bowl
- Food colouring (optional)



Preparation:

- Pour one cup of corn flour into the mixing bowl, and dip your hands into it. *Can you feel how smooth the powder is?* It's made up of super-fine particles.
- Now pour the water in, mixing slowly as you go. Keep adding more water until the mixture becomes thick (and hardens when you tap on it). Add more corn flour if it gets too runny, and more water if it becomes too thick.
- Add a few drops of food colouring if desired. (If you want to turn your Oobleck another hue, it's easier to add the colouring to the water before you mix it with the corn flour)
- Oobleck is non-toxic, but please use caution when doing any science activity. Be careful not to get it in your eyes, and wash your hands after handling the Oobleck.

Procedure:

- Roll up your sleeves and prepare to get messy! Drop your hands quickly into the Oobleck, then slowly lower your hands into it. Notice the difference!
- Hold a handful in your open palm—*what happens?*
- Try squeezing it in your fist or rolling it between your hands—*how does it behave differently?*
- Move your fingers through the mixture slowly, then try moving them faster.
- *What else can you do to test the mixture's properties?*

Record your experiment and results in a way you choose.

Watch these videos with an adult:

<https://www.youtube.com/watch?v=nw8KaHglokQ>

<https://www.youtube.com/watch?v=DQoelYi6qfw>

DO NOT DISPOSE OF THE OOBLECK DOWN THE SINK. PUT IT IN THE GENERAL HOUSEHOLD WASTE IN A BAG IN YOUR RUBBISH BIN

Topic Challenge: How did the Romans change Britain?

Watch this clip with an adult



<https://www.bbc.co.uk/bitesize/topics/zqtf34j/articles/z2dr4wx>

Read the extract and watch the video.

Create a poster or leaflet detailing how the Romans changed Britain; remember to include pictures and headings.

Curriculum Challenge – 1 week: French

Watch this clip with an adult

- Create a word search using French colours.
- Create a poster to help you to remember the French colours.

This YouTube video will give you all the main colours:

<https://www.youtube.com/watch?v=H-5vyAgoHm8>