



5B Home Learning – Wednesday 22nd April

- The cheetah is the fastest land animal in the world. They can reach a top speed of around 113 km per hour.
- The smallest bone found in the human body is located in the middle ear. The staples (or stirrup) bone is only 2.8 millimetres long.
- The longest river in the world is the Nile River, it reaches 6650 kilometres in length (4132 miles).

ENGLISH

What are relative clauses? Watch the following video to find out:

<https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zsrt4qt>. Read the information about relative clauses after the video and highlight the words that form a relative clause in the sentence.

Now complete the relative clauses activity which you will find at the end of this task sheet. Don't forget to use capital letters and full stops in your sentences and best handwriting please!

MATHS

1. <http://www.primaryhomeworkhelp.co.uk/maths/timestable/interactive.htm> Play one of the fun games to test your knowledge of times tables.
2. Can you explain the following mistakes that have been made?

Explain the mistakes

Mistake 1

$$12.4 + 6.35$$

$$18.39$$

Mistake 2

$$12.4 + 6.35$$

$$\begin{array}{r} 12.4 \\ + 6.35 \\ \hline 7.59 \end{array}$$

Explain the mistakes

Mistake 1

$$20 - 16.9$$

$$4.1$$

Mistake 2

$$2000 - 70$$

$$1030$$

Mistake 3

$$537 - 294$$

$$\begin{array}{r} 537 \\ - 294 \\ \hline 363 \end{array}$$

Relative clauses.

Task 1. Identify the relative clauses in each of these sentences by highlighting/underlining only the relative clause:

Jim, who was an overweight whale, bumped his head on an oil tanker as he swam.

The villain marched across the crater that had once been a playing-field full of flowers.

The police officer called to his partner, who ignored him and continued to eat his doughnut.

I'm looking for a minion that can use Word 2010.

The man, who lives next door to me, might be a werewolf.

Task 2. Match an (embedded) relative clause with a sentence start and sentence end. (How silly can you make your sentences?)

Sentence Starts	Embedded Clause	Sentence Ends
Berty	which had sharp teeth	cried bitterly.
Bill	which was green	dived under.
Carter	which was covered in spots	flew away.
Mr Snakeye	who was red faced	held on tightly.
Mr Wiggle	who had on a green hat	held the gun.
Mrs Biggerstuff	who was wearing a cloak	hid by the car.
Mrs Windscreen	who had a mean mouth	hissed angrily.
The dog	who wore dark sunglasses	mumbled.
The parrot	who was thin as a pole	ran home.
The policeman	who had no teeth	shouted loudly.
The snake	who had gnarled fingers	slipped over.
The teacher	who wore red 'Speedo' trunks	tripped over.
Yan	who had a wig on	whistled.

Task 3. Using the pictures below, write some sentences which include relative clauses in different positions (at the end of the sentence as well as embedded into the middle of one).

Relative Pronouns: **who**, **whom**, **whose**, **that** or **which**



GEOGRAPHY: Rivers

In 2009 Keswick, Cockermouth and Workington were flooded. Here are some photos of the flooding in Cockermouth: <https://www.visitcumbria.com/cockermouth-floods/>

Then in 2015 Storm Desmond struck Britain and the towns flooded yet again. Take a look at this video of the flooding in Cockermouth: <https://www.youtube.com/watch?v=pg8Dx1B7iuQ> By the way, at 4:40 you can see the confluence of the River Cocker (on the right) and the River Derwent (on the left).

Have a chat with your parents/carers – they'll remember the floods and how they affected Workington.

Many settlements are located by rivers. They were originally located there for a number of reasons. For instance, they were located beside a river because it was a water supply, or even because it was easier to travel on the river, or do trade with another settlement.

Our capital city, London, is one such settlement beside a river – the River Thames. However, London is in danger of devastating floods, not only due to lots of rain, but also because of very big tides coming up from the English Channel. So how can you stop London from flooding? Take a look at these two videos. Like the river erosion video from last week, they were not made for children, but stick with them as there are lots of interesting facts and, as you'll see, the Thames Barrier is engineering genius!

https://www.youtube.com/watch?v=3K6vfwJm_R4

<https://www.youtube.com/watch?v=jp4Y1HrRBD0>

Your task: I want you to make a barrier to stop flooding! **Warning:** you may get wet!

If you have Lego or KNEX or something similar, build a house. If you don't have those items, simply choose an item that you and your folks at home won't mind getting wet – it could just be a bottle of shampoo.

Put your 'house' at one end of your bath (on the bottom, not on the high sides). Then, at the opposite end, turn on the tap or, if you have one, your overhead shower. How can you stop the 'flood' overwhelming your house? **Build a barrier in your bath that holds back the water.**

And this is where your genius comes into play. **What can you use to hold back the flood?** It may not hold back all of the water, but even reducing the water that gets to your house will make a difference for its residents.

I am intrigued to see what you use, so do send me a photo if you can, either to Class Dojo or to rbishop@ashfield-jun.cumbria.sch.uk

(Please don't worry if you are unable to build a barrier. The fact that you are learning about the Thames Barrier and thinking about how you could stop the flooding, makes you a 5B genius!)