

Year 6 School Closure work w/b 30th March 2020

We are at the end of week 1 of school closures. We hope you are all getting on ok and are finding lots of things to do to keep yourselves busy.

I'm sure you'll probably still have some work to do in your packs that we sent home, but we thought that we would update you with a bit more.

Don't forget also to regularly update your profile on Class Dojo so we can see all the things that you are doing – both school related and not!

If you have any questions, please don't hesitate to send one of us a message.

Many thanks,

Miss Froggatt & Mr Whitbread

Maths

This week's maths is geared around measurement – length, weight and capacity.

If you click this link, it will take you to some questions that you can answer.

<https://NOKUFIA.exampor.net>

You might find this website helpful when looking at measurement:

<https://www.bbc.co.uk/bitesize/topics/zcpnb9q>

During school closures, Carol Vorderman is running online maths sessions.

<https://www.themathsfactor.com/>

Below are a few more questions you could have a go at.

Capacity - Litres



Complete this table:

Millilitres (ml)	Centilitres (cl)	Litres (l)
450		
	370	
		6.93

Which is larger?

- a) 340ml or 3.4 litres
- b) 560cl or 0.56 litres

Distance and Length - Metres

Match these measurements:

40cm

0.4cm

4000mm

0.4m

4mm

400cm

4m

40,000m

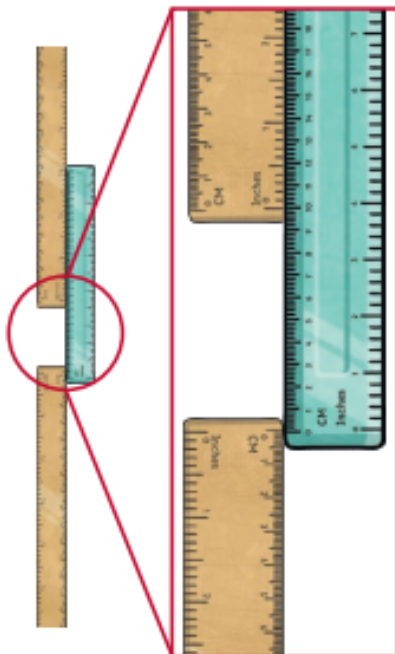
40km

4km

4000m

4m

Conversion Word Problem



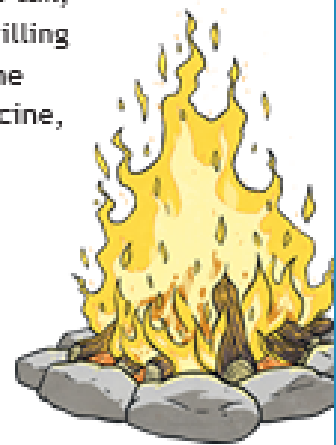
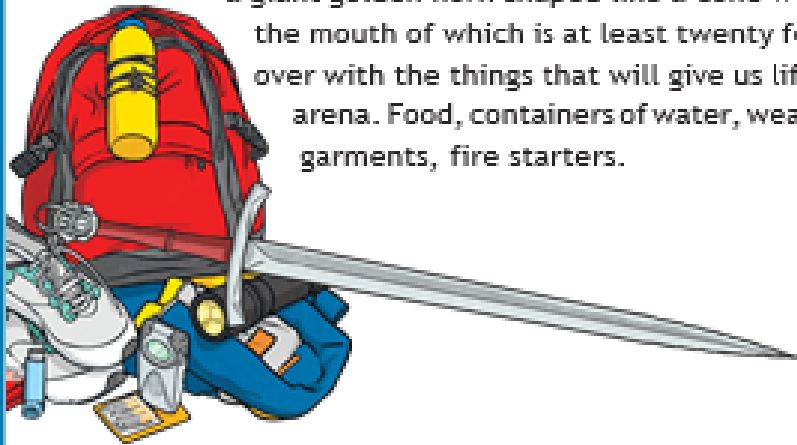
Natalia and Christian measure the height of a classroom using two metre sticks and a ruler. One metre stick reaches the ceiling and one is touching the floor. The cm ruler measures the gap between the metre sticks.

What is the height of the classroom in metres?

Reading

The Hunger GAMES

Sixty seconds. That's how long we're required to stand on our metal circles before the sound of a gong releases us. Step off before the minute is up, and land mines blow your legs off. Sixty seconds to take in the ring of tributes all equidistant from the Cornucopia, a giant golden horn shaped like a cone with a curved tail, the mouth of which is at least twenty feet high, spilling over with the things that will give us life here in the arena. Food, containers of water, weapons, medicine, garments, fire starters.



1. Find and copy the word that tells you that the tributes must stand on their metal circles for sixty seconds.



2. The word 'equidistant' is closest in meaning to.... (Circle one).

different distances same distance in the middle far away



3. How might the tributes be feeling as they wait on their metal circles? Why?



4. What do you think will happen to the tributes when the gong goes off?

How Volcanoes Erupt

Volcanoes are like holes on the Earth's surface. All volcanoes spit out lava, rocks, gas and ash which surrounds the land. This is called a volcanic eruption and takes place below the Earth's surface.

There are five main parts of a volcano including, the magma chamber, main vent, crater, cone and small vents. The magma chamber is a large space where lava is stored. Connected to it is the main vent which is long and wide like a tube. On top of it is the crater which is moderately curved like a bowl. Another part of the volcano is the cone which is a large, dome-shaped mount. Lastly, there are the small vents, which are small and thin.



Just before the eruption, hot molten rock from the mantle rises to the earth's surface. As a result of extreme pressure within the Earth, the magma rises to the surface of the earth. Due to the gas bubbles, which grow larger and larger, the magma finds the narrow vent, and spurts out. This culminates in magma which loses bubbles and turns into lava that flows away from the vent. Consequently, exposure to the atmosphere causes the lava to change colour from white to yellow, to orange to red. Eventually the lava turns black. It is now called basalt.



1. Find and copy the word that tells you that the pressure build-up is intense.



2. Tick true or false in the following table:

	True	FALSE
Eruptions happen above the Earth's surface.		
Pressure within the Earth causes the magma to rise to the Earth's surface.		
When the lava turns black it is known as basalt.		



3. The word closest in meaning to the word 'culminates' is... (Circle one).

combines results begins buries



4. Where is the lava stored in a volcano?

Father William by Lewis Carol

"You are old, Father William," the young man said,
"And your hair has become very white;
And yet you incessantly stand on your head –
Do you think, at your age, it is right?"
"In my youth," Father William replied to his son,
"I feared it might injure the brain;
But, now that I'm perfectly sure I have none,
Why, I do it again and again."



1. Why did the young man think that Father William might injure his brain?



2. 'You are old, Father William...'

List two other ways the poet has shown that Father William is an old man.



3. Tick true or false in the following table:

	True	False
Father William's hair wasn't always white.		
Father William occasionally stands on his head.		
The young man is Father William's son.		



4. Looking through the extract of the poem, do you think Father William should continue to stand on his head? Why/why not?

Writing

When Mr Whitbread was walking earlier this week, he came across this amazing waterfall. We will post the video on the Class Dojo page. Can you use this photo and video as inspiration for a piece of writing? Perhaps a fantasy story of what might lie beneath the waterfall? Or a diary entry written by someone who discovered the waterfall? It would be lovely to see some of your pieces of writing when they are done. Can you share them on Class Dojo?



Spelling

This week's spelling words all end in 'ance'

observance

tolerance

substance

assistance

resistance

significance

reluctance

importance

appearance

annoyance

Science

In Science, we have begun to look at classifying animals into different groups, based on their similar characteristics.

Classifying Organisms













Choose a habitat from the list below, or think of your own. Find out the names of 10 to 20 animals and plants that live in this habitat. Classify these organisms into the correct groups.

Habitats:

Amazon rainforest Great Barrier Reef Patagonia Galapagos Islands British woodland

Or your own choice: _____

List of plants and animals:

mammals: 	birds: 
amphibians: 	reptiles: 
fish: 	insects: 
arachnids: 	annelids: 
echinoderms: 	crustaceans: 
molluscs: 	flowering plants: 
non-flowering plants: 