

# Friday 22<sup>nd</sup> January 2021

Morning job – Write a country alphabet: A is for Australia, B is for Belgium...

9:15 – 9:35 spellings

9:35 - 10:30 English

10:30 – 10:50 Break

10:50 – 12 Maths

12 -1:00 Lunchtime

1:00 – 1:20 Reading for Pleasure

1:20 – 2:45 History

2:45 – 3:00 end of day catch up / share

myth

gym

Egypt

pyramid

mystery

hymn

system



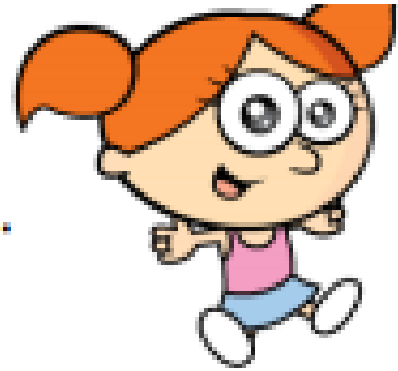
# Maths – Talk about numbers

- [https://www.youtube.com/watch?v= dVqV5ZEhSc](https://www.youtube.com/watch?v=dVqV5ZEhSc)

# Maths – Number of the Day - 696

- Write it in words
- One more
- Partition it
- The next odd number
- Ten more
- Round to the nearest ten
- The next even number
- One less
- Double it
- Ten less

Alex takes 153 seconds to skip around the playground.



Jack takes 2 minutes 23 seconds.

Who is the quickest?  
Explain how you know.

# True or False?

- 3 minutes 5 seconds  $<$  190 seconds
- 4 minutes = 204 seconds
- 170 seconds  $>$  2 minutes 50 seconds



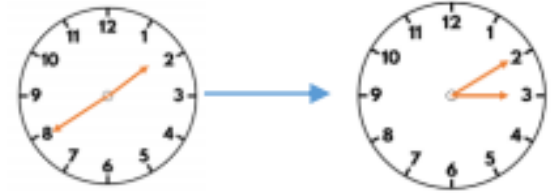
Joe works from half past 10 until 3 o' clock.

Emma works from 9 o' clock until half past 12

Who works the longest amount of time?



The clocks show the start and end time of the film Super Dog.



The film Crazy Cat starts at quarter past 1 and ends at quarter to 3

Teddy says,



Super Dog must be the longest film, because it ends the latest.

Do you agree with Teddy?  
Explain why.

Dora works out how many seconds there are in 4 minutes 15 seconds.

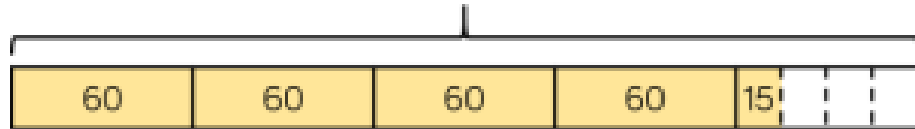
She says,



That's easy, it is 415 seconds.

Dexter uses a bar model to help him.

4 minutes 15 seconds



Each minute has 60 seconds. So it's 4 lots of 60 plus 15.



Who is correct?



# quiz

- <https://www.funtrivia.com/playquiz/quiz35512228a7478.html>
- <https://www.educationquizzes.com/ks2/maths/time-year-3/>

Reading

What is a volcano?



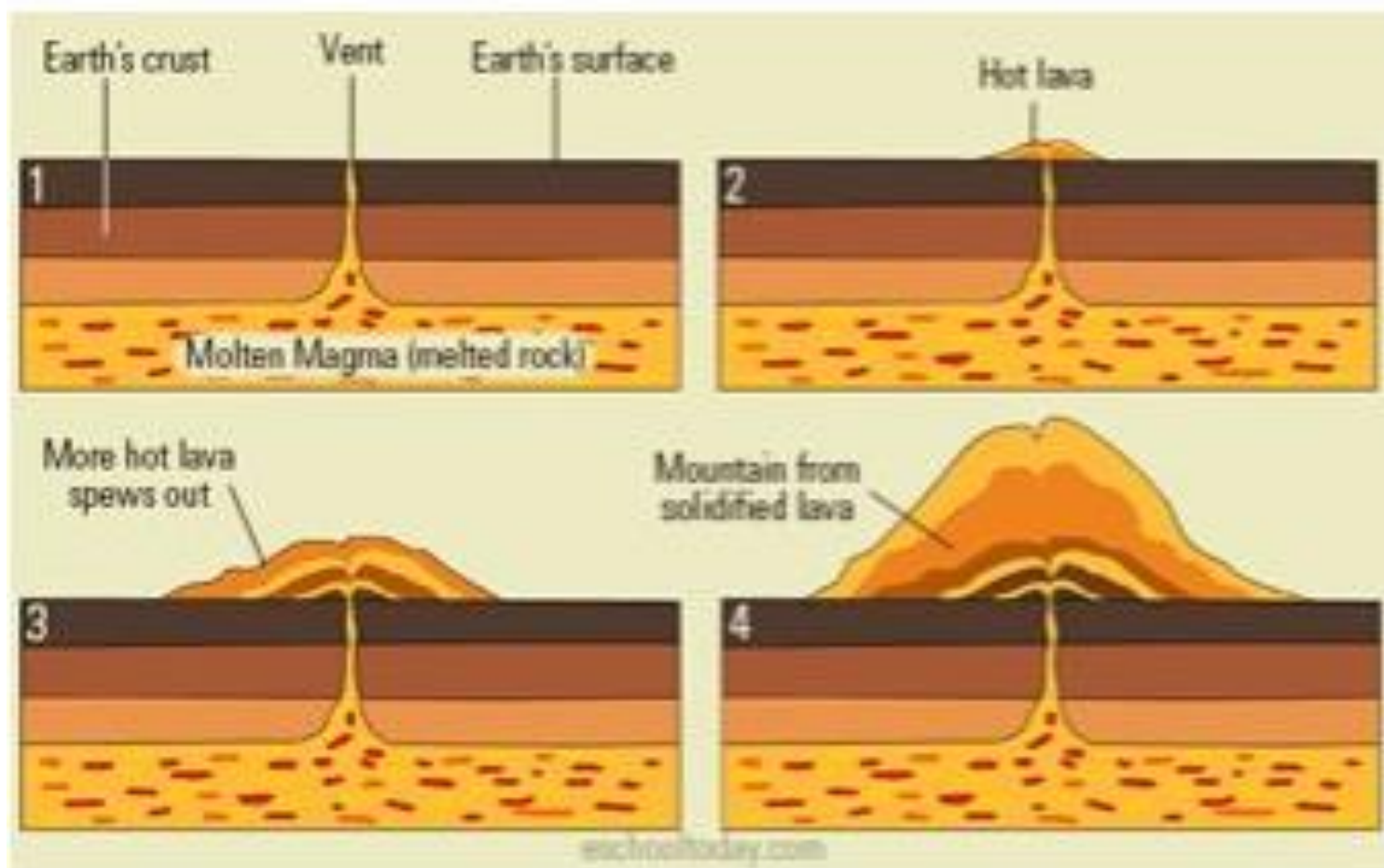






How do volcanoes form?

<https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zd9cxyc>





### crater

The crater is the mouth of the volcano which surrounds the vent.



### secondary vent

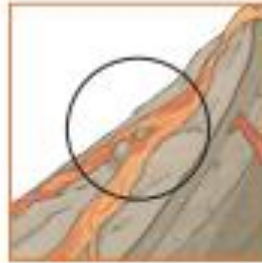
Another vent through which the magma and other rocks and gases can flow out.



### main vent

The main vent is the primary

chamber towards the vent.



### lava flow

After erupting, some of the hot lava will flow down the sides of the volcano.



### layers of rock

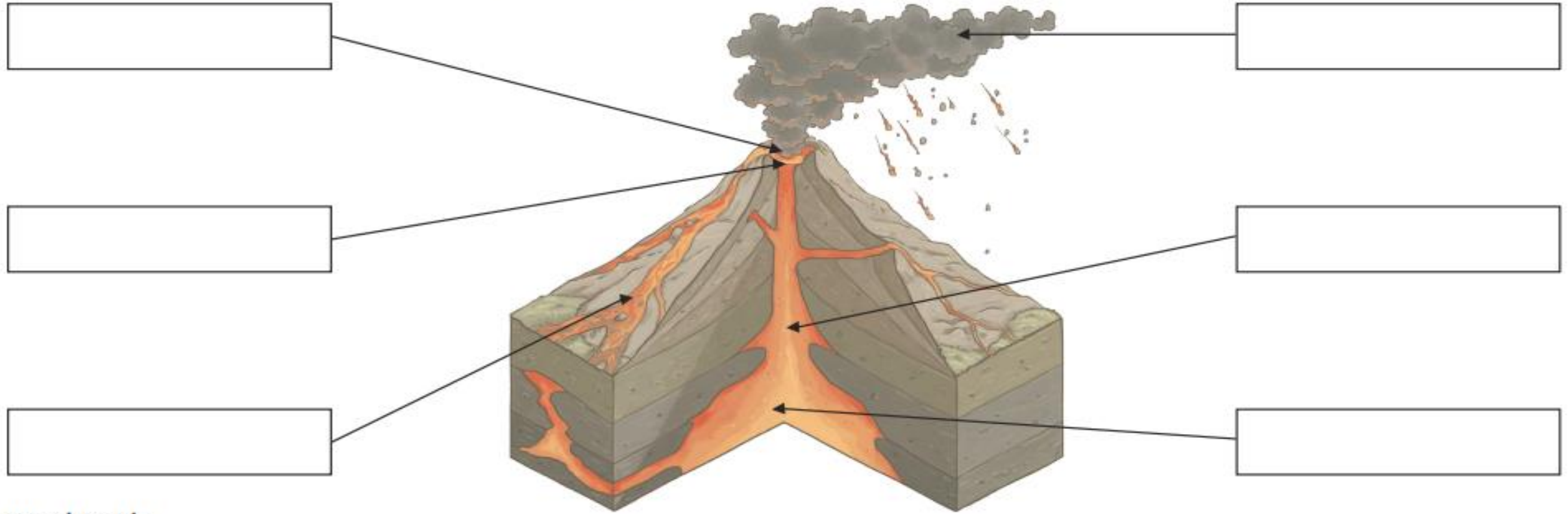
The earth's crust is made of several layers of rock.



### ash cloud

# Volcano Labelling Activity

Using the word bank, can you label the key features of the volcano?



## Word Bank

ash cloud	magma chamber	main vent
lava flow	conduit	crater

Mrs Higgs' Volcano

# How to make an erupting volcano model

## For the volcano model:

- Two A3 sheets of card
- 200 ml plastic bottle
- Pencil
- Scissors
- Tape
- Paint and paintbrushes

## For the eruption:

- Small bowl
  - Cup
  - 1 tbsp bicarbonate of soda (baking soda)
  - 1 tbsp washing up liquid
  - 2 tbsp water
  - ½ cup vinegar
  - 1 tbsp red food colouring
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1. Place your bottle upside down in the centre of a sheet of card and draw a small circle around the neck.

2. Cut a straight line through the card to the middle of the circle, and cut it out.





In the middle of the card, draw around the bottleneck and cut out the circle

3. Overlap the two sides of the card to make a cone shape. Tape this into place, leaving hole where you cut out the circle.

Cut around the base of the cone so that it sits flat, but make sure that it is still taller than your bottle.

4. Place the cone over the bottle. Tape the top of the paper cone to the neck of the bottle to hold it in place. Tape the base of the cone to the other sheet of card.

5. Use paint to decorate the cone and make it look like a volcano. Allow your model to fu dry.



Cut away the card at the base of the cone so that it sits flat

6. In a bowl, combine the bicarbonate of soda and washing up liquid. Add the water and mix thoroughly. Pour this mixture into your volcano.
  7. In a cup, mix together the vinegar and food colouring.
  8. When you're ready, pour the vinegar into the bottle with the bicarbonate. Wait for it to erupt and watch how the lava flows.
  9. Experiment with different amounts of bicarbonate and vinegar and see how the volcano's eruption changes.
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Stand back and watch your volcano erupt

Take care when handling the eruption ingredients and stand back when watching the eruption to make sure you don't get any in your eyes. Make sure you are working in a well ventilated area.

To make cleaning up easier, it's best to stand your model on a wipe-clean surface.

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