

4 Glaciers



Find the best photo of a glacier you can, and stick it in this space!

1 Write down two things you know about glaciers.

a _____

b _____

2 Write down two things you'd like to find out about glaciers.

a _____

b _____

At the end of this topic, come back and see if you've found out about these things. If you have, draw a 😊 next to your question – if you haven't, draw a ☹!

4.1 Your place ... 20 000 years ago!

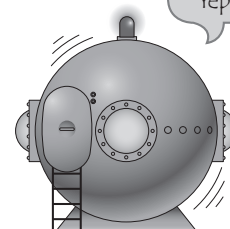
This is about understanding when the British Isles was in the grip of ice.



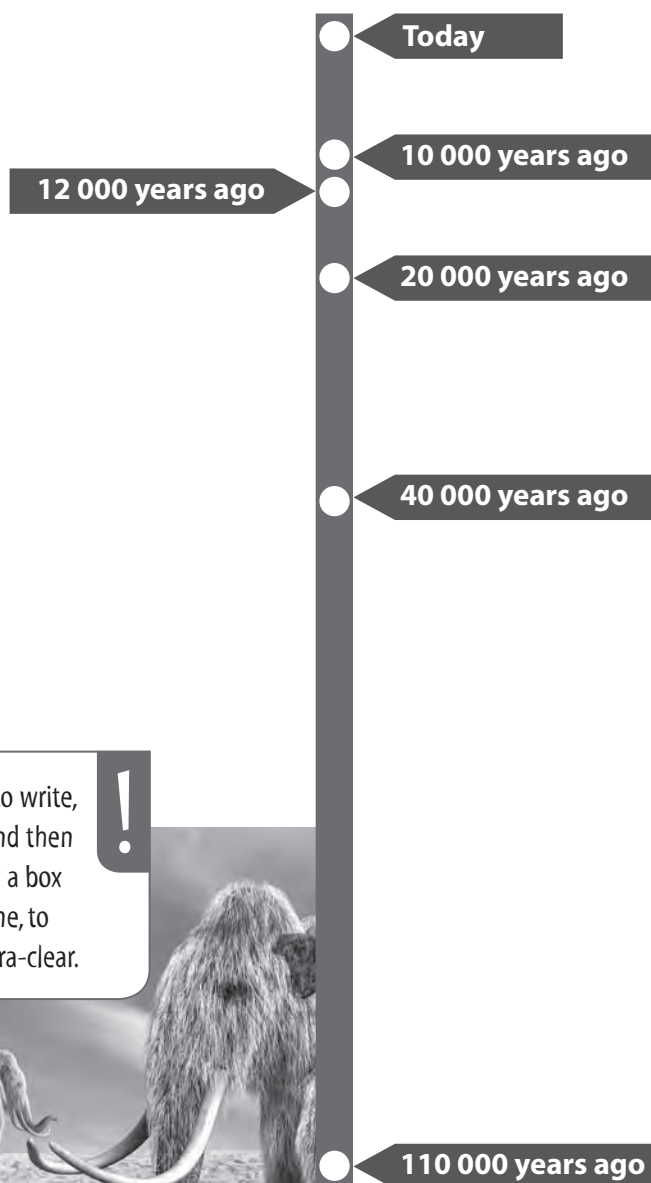
- 1 Write 'True' or 'False' in the box after each of these sentences.
 - a Woolly mammoth once roamed southern Britain.
 - b Woolly mammoth were like very large sheep.
 - c A few woolly mammoth can still be found in remote parts of Scotland.
 - d Woolly mammoth were like hairy elephants.

Seen any mammoths?

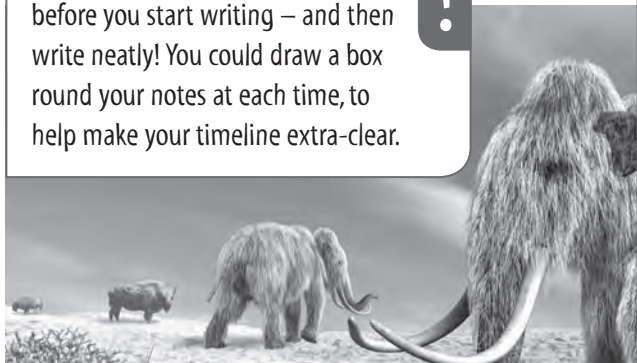
Yep!



- 2 Finish this timeline. The good thing is that the 'time' labels are already in place. To finish it, you need to add notes at each time label, saying what was happening at that time.



Tip: Plan what you're going to write, before you start writing – and then write neatly! You could draw a box round your notes at each time, to help make your timeline extra-clear.



4.2 Glaciers

This is about the world's glaciers today.



1 Tick the correct answer:

a How much of the Earth's surface do glaciers cover?

about 40% ☐ about 30% ☐ about 20% ☐ about 10% ☐

b During the last ice age, how much of the Earth's surface was covered by glaciers?

about 43% ☐ about 33% ☐ about 25% ☐ about 20% ☐

c Today, how much of the world's ice is in Antarctica and Greenland?

less than 90% ☐ 95% ☐ 99% ☐ over 99% ☐

d What are large cracks in glaciers are called?

cravats ☐ crevasses ☐ crevices ☐ creases ☐

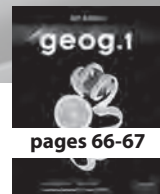
e How many continents have glaciers?

two ☐ three ☐ five ☐ all seven ☐

2 Do some research to find out about Vatnajokull Glacier in Iceland.

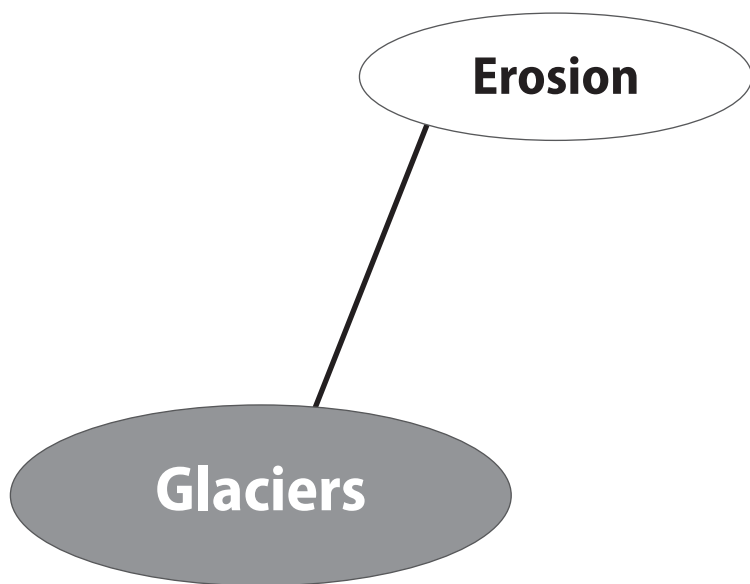
Find a photo and stick it in the big box below, and then write a fact about Vatnajokull in each of the smaller boxes.

4.3 Glaciers at work



This is your chance to show that you know how glaciers shape the landscape.

- 1 Draw a spider diagram to show the work that glaciers do and how they do it.



Tip: A good way to do this would be to start with the three jobs glaciers do – the first one has been put in place for you.

Tip: You could colour-code the different parts of your spider diagram – this would help make it even clearer.