

hello

The word "hello" is rendered in a highly stylized, hand-drawn font. Each letter is composed of thick, rounded strokes in a vibrant color palette: teal, red, and orange. The letters have a 3D effect, with a dark navy blue shadow on the right side and a light cream shadow on the left. The 'h' is teal with a red shadow, the 'e' is orange with a red shadow, the 'l' is orange with a red shadow, the second 'l' is orange with a red shadow, and the 'o' is teal with a red shadow. The letters are surrounded by various decorative elements: small red and orange circles, teardrop shapes, and short, curved lines in teal, orange, and black, giving the impression of motion or celebration. The overall style is playful and modern.



**OUR
CHANGING
EARTH**

CHANGING PLANET



Past, Present, Future



geographical features

A photograph of a large, rugged mountain peak covered in snow and ice. The sky is a clear, vibrant blue. The mountain's surface is textured with dark rock patches and white snow. In the foreground, there are rocky, snow-covered slopes.

mountain



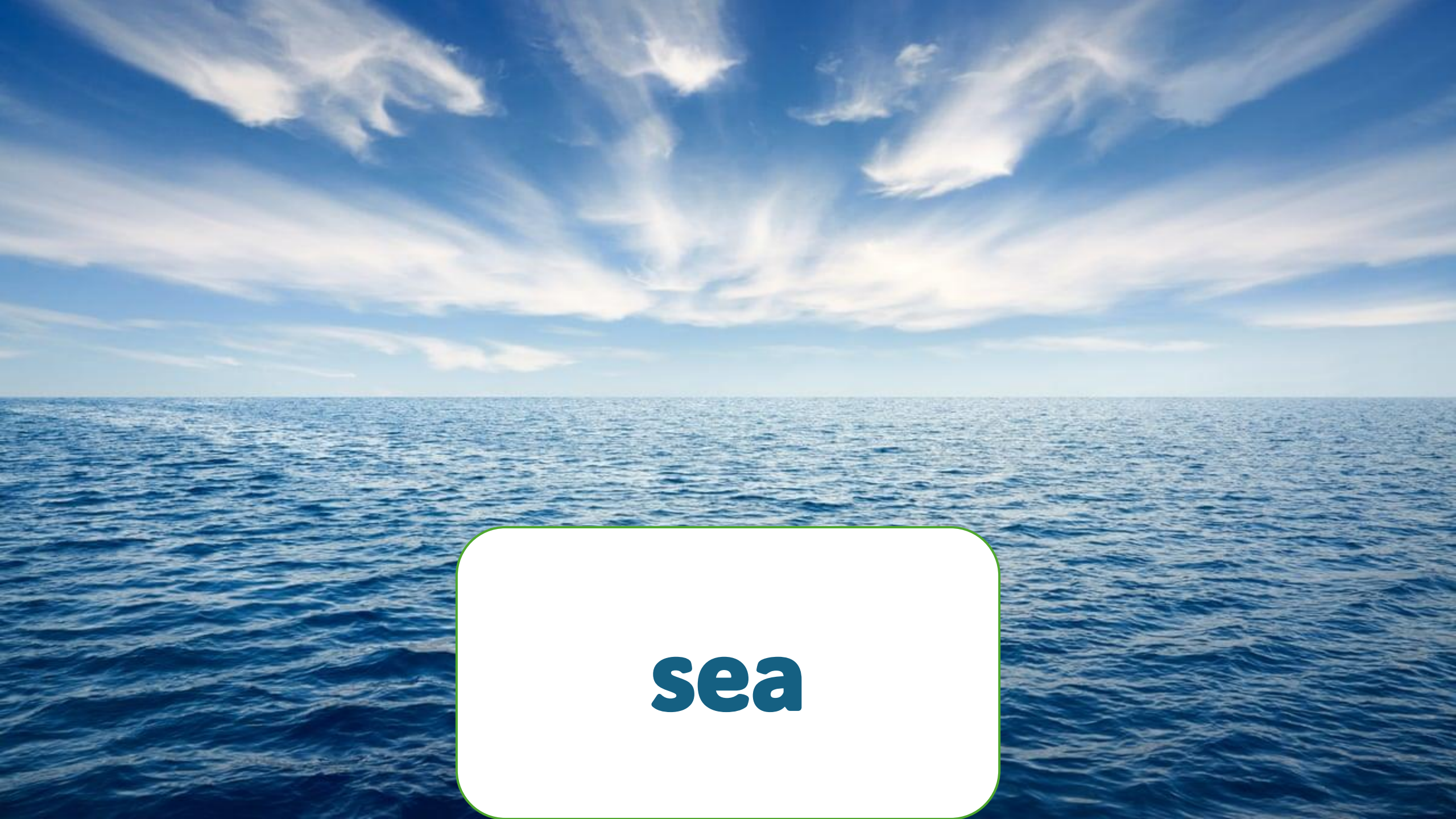
hills



river

An aerial photograph of a vast, dense forest. The trees are mostly green, with some lighter green and yellowish-green patches, suggesting a mix of species or seasonal changes. The forest extends to the horizon under a clear sky.

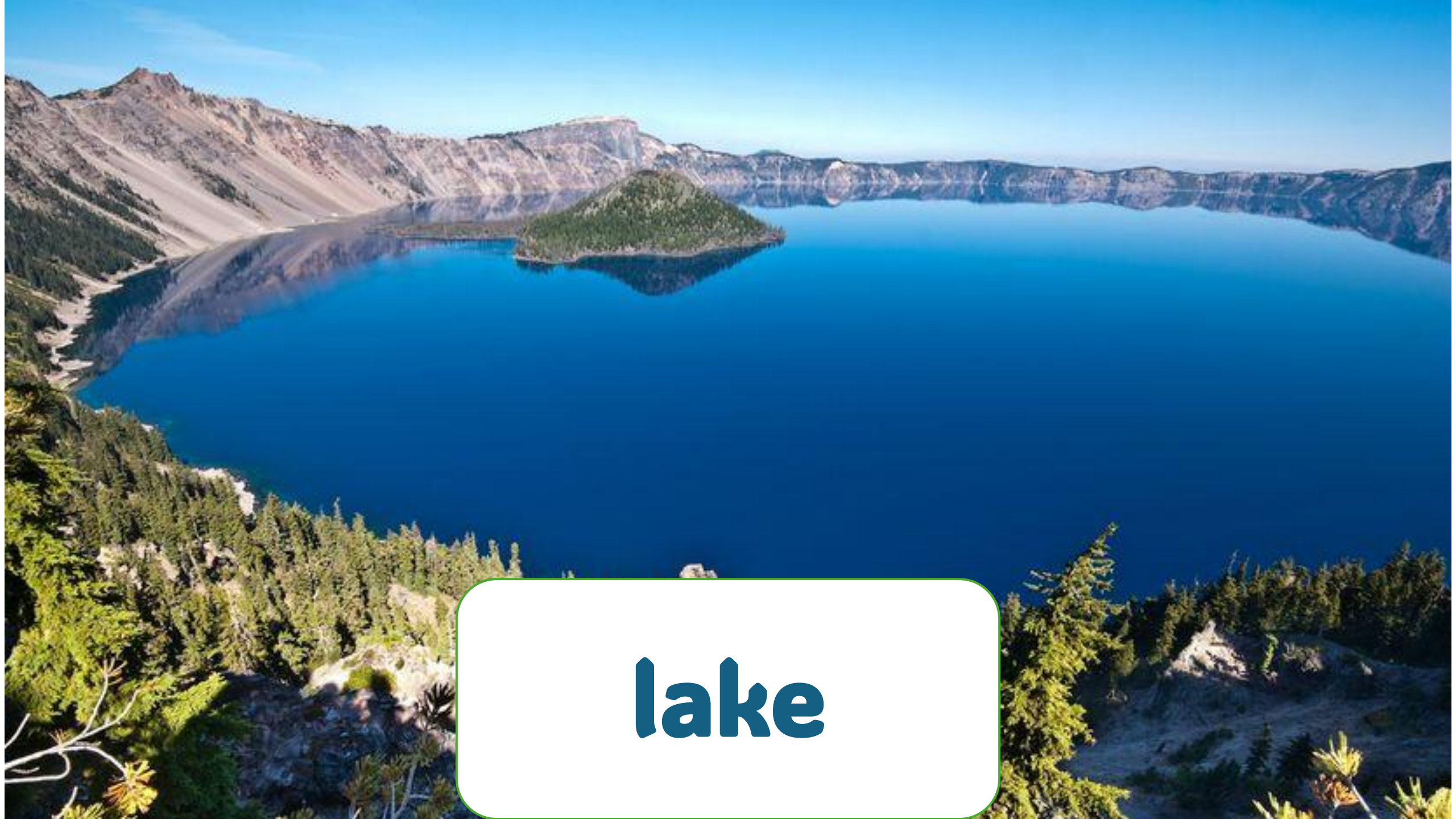
forest



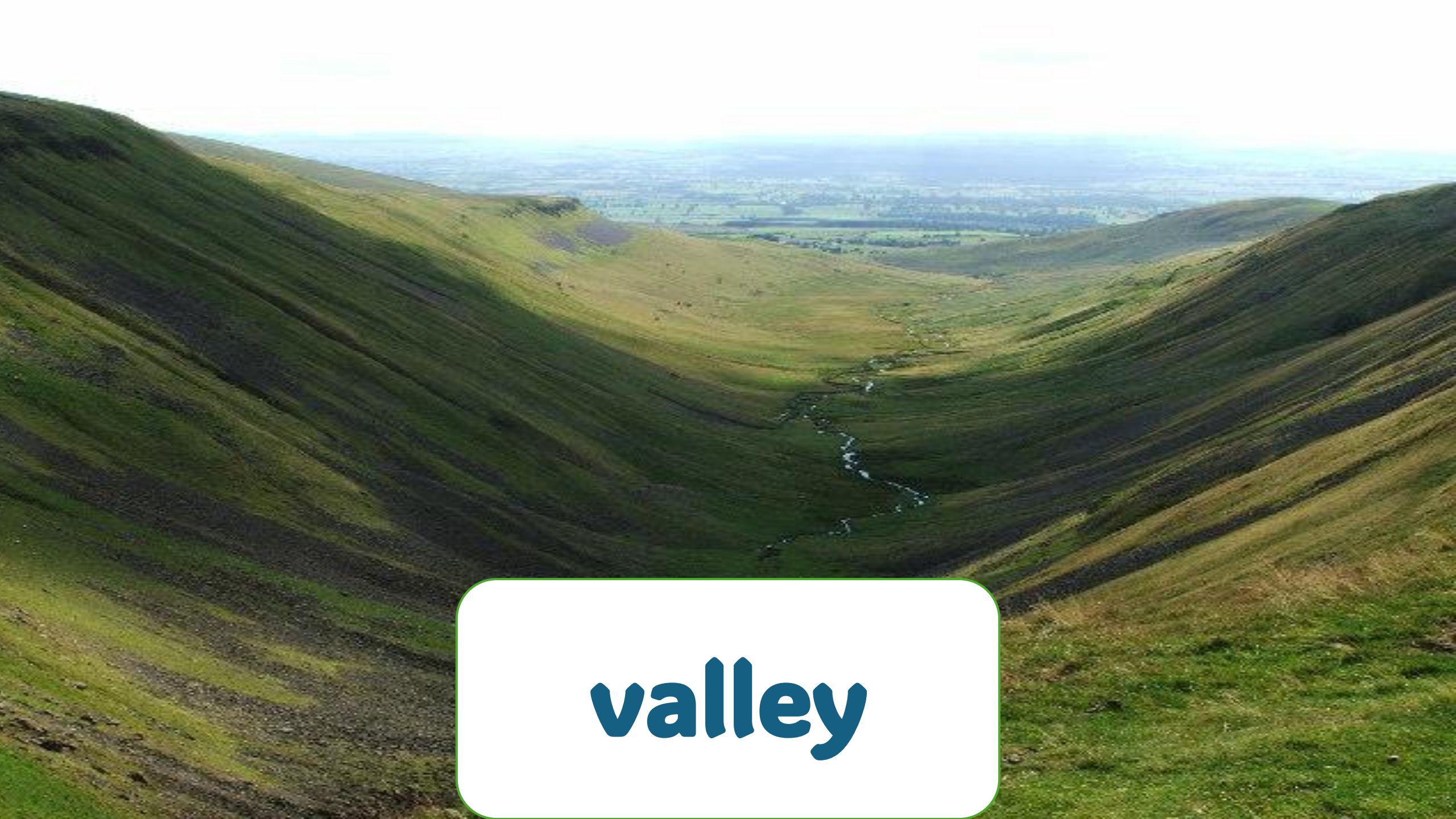
sea



volcano



lake



valley

A wide-angle photograph of a desert landscape. The foreground and middle ground are filled with rolling sand dunes. The sand is a rich golden-brown color and is covered in intricate, wavy ripples created by wind. The dunes recede into the distance, creating a sense of vastness. The sky above is a deep, dark blue-grey, filled with heavy, textured clouds. The lighting suggests it might be late afternoon or early morning, with long shadows and a warm glow on the sand.

desert

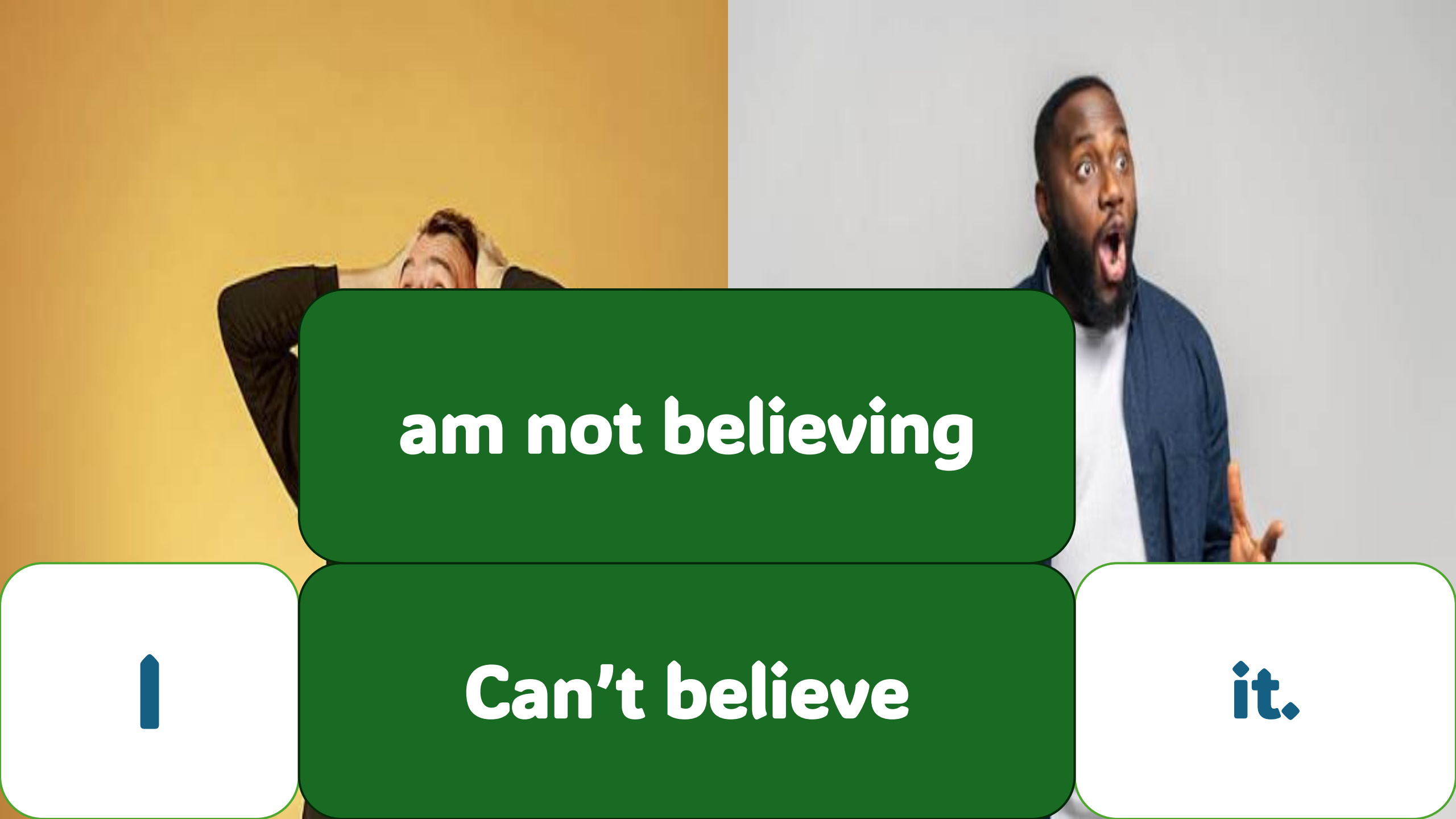
A hand is shown from the top right, holding a wooden-handled axe and smashing it against the screen of a black television. The screen is shattered with multiple cracks and a large hole. The background is white.

**am not
liking**

I

don't like

TV programmes.



am not believing

I

Can't believe

it.



is not knowing



He

doesn't know

anything.

A man with curly hair, wearing a pink shirt, is looking down. The background is a solid light blue color.

am hoping

I

hope

you are healthy.



am owning

I

own

this house.

1

Scientists believe the Earth is 4.6 billion years old. However, the **mountains**, valleys, **hills**, **rivers**, deserts and **forests** we see today are much younger than that. For example, Mount Everest is about 60 million years old and the Amazon rainforest is only 10 million years old. The youngest **sea** in the world is the Baltic Sea, about 15,000 years old.



2

The Earth is always changing because of **volcanoes**, earthquakes and, of course, wind and rain. Some of these changes are very slow and others are quick. Water and ice can make very big changes to the planet. For example, glaciers (rivers of ice) can cut through mountains and make **lakes** and deep **valleys**. Eighty or more volcanoes are under the oceans and sometimes they become new islands. This is happening in the South Pacific, near Tonga.



3

It's normal for our planet to change, but at the moment, scientists think it's changing faster than usual. They don't understand everything that's happening, but they know that some **deserts** (places where it doesn't rain much) are growing, and many **forests** are getting smaller. The weather is getting wetter in some places and drier in others, and there are more big storms.

4

However, these changes are not bad for everyone. Because the Arctic is getting warmer, some people in Greenland now own businesses and sell vegetables they grow on their land. That wasn't possible so far north 50 years ago. Farmers in Greenland like the warm weather and hope it will continue.

Geographical features

1 In pairs, discuss the questions. Then read the article and check your ideas.

- 1 How old is the Earth?
- 2 What's happening to the Earth's weather at the moment?

2 Read the article again and choose the best heading for each paragraph.

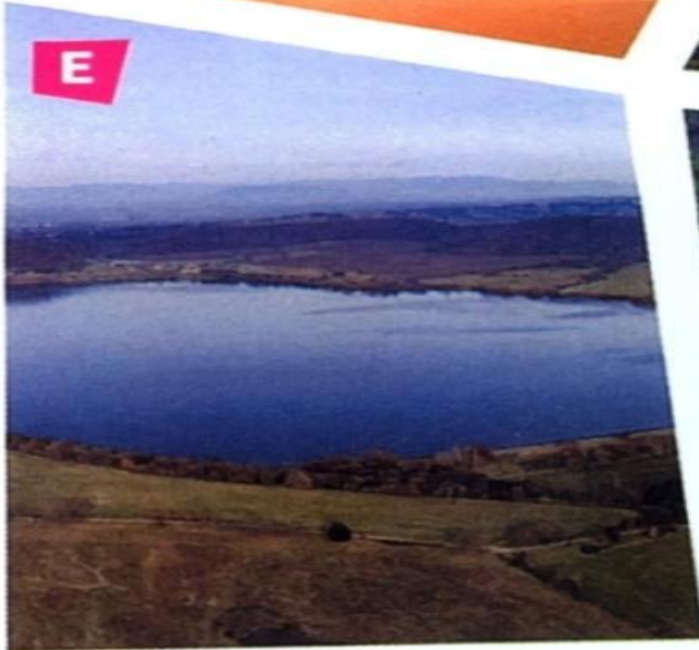
- A Good news in one part of the world
- B Problems for the planet
- C The age of the Earth
- D How the planet changes



3

EP

Match the words in **blue** in the article to the photos A–I. Listen and check. Then repeat.



4 Complete each sentence with the correct word from Exercise 3.

- 1** Not many plants and animals can live in _____ because they are very dry. *deserts / hills*
- 2** Many _____ have snow on top of them all year. *mountains / valleys*
- 3** There's a _____ near my home, and I like going fishing there. *river / sea*
- 4** There were so many trees in the _____ that it was impossible to see the sky. *forest / lake*
- 5** My friend and I cycled to the _____ for a swim. *lake / volcano*



PRONUNCIATION

th: /θ/ and /ð/



11

6

Listen to the sounds θ and ð and repeat them. Then put the words in the box into the correct column.



north
that
thing

other
there
think

south
these
this

θ earth

ð weather



12

Listen and check. Then repeat.

- 1** Find these verbs in the article on page 14 and underline them. What tense are they in?

believe	hope	know	like
own	think	understand	

The verbs above are about thinking, feeling and owning things. We don't usually use them in the continuous form.

- 2** Which of these words are also about thinking, feeling and owning things?

belong to	buy	climb	feel	hate
have	love	mean	need	prefer
run	sing	want	work	

3 Complete the sentences using the present simple or present continuous of the verbs in brackets.

- 1 Can you turn the TV off? I _____ (hate) that programme!
- 2 Mr Jones _____ (want) to talk to you. Are you free now?
- 3 Why _____ (you sing)? I _____ (need) to study!
- 4 That book _____ (belong) to me. It's not my friend's.
- 5 I _____ (love) this T-shirt. Can I buy it, Mum?
- 6 I can't talk now, sorry. I _____ (run).

4 Correct the mistakes in the sentences.



- 1 There are things in my bag that I'm needing at the moment.
- 2 The weather's cold at the moment, but I'm preferring it like that.
- 3 I'm thinking the party was great.
- 4 My brother is liking summer and I'm liking winter.
- 5 Get into the pool with me! The water is feeling great.

5 Use the prompts to write questions beginning *Do you ... or Are you ...* Then walk around the class and ask people your questions.

own / a bike?

learn to / play an instrument?

like / cabbage?

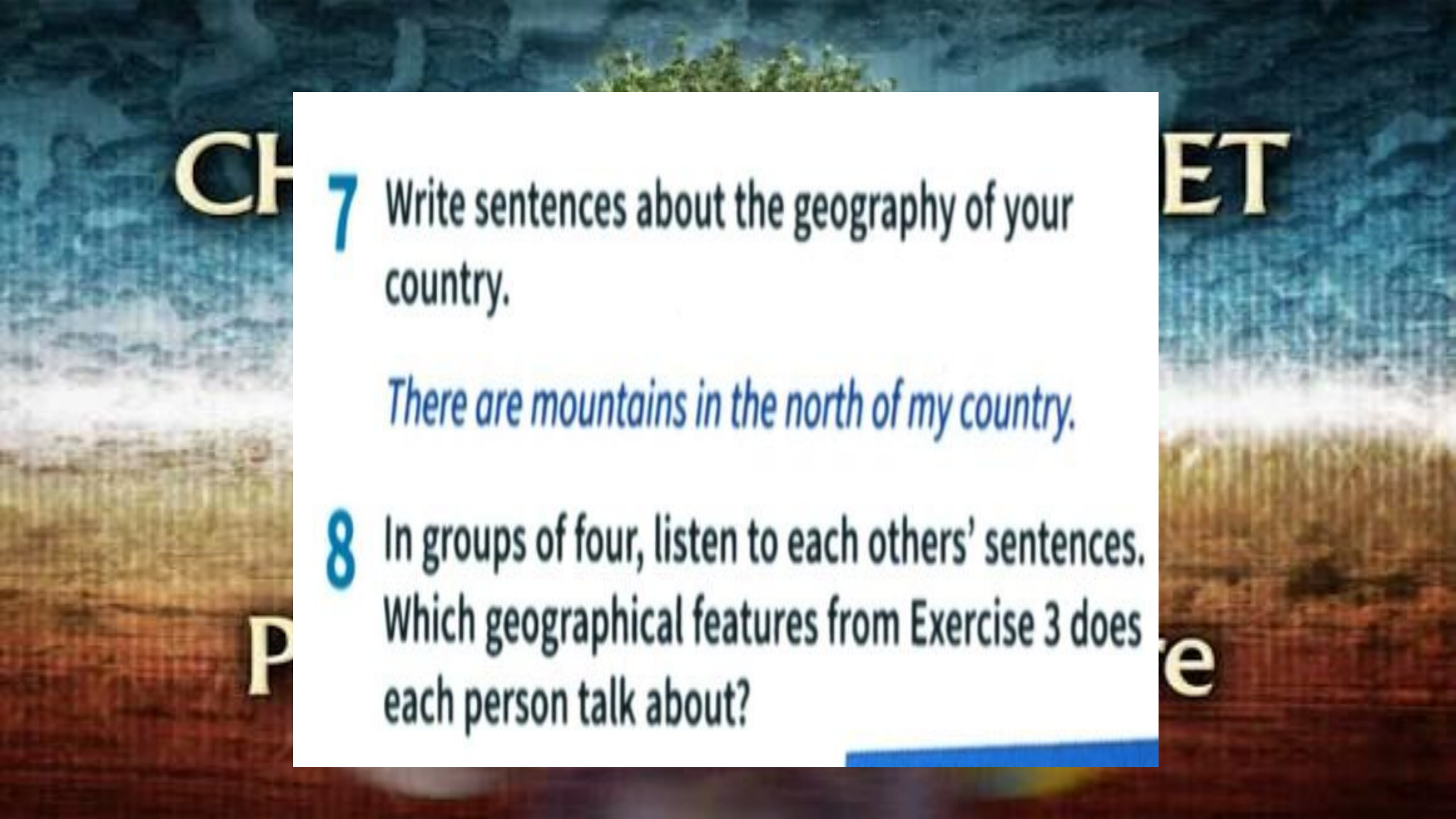
do / an art project at the moment?

think / English is easy?

plan to / do something interesting this weekend?

love / watching TV?

need / study for an exam?

- 
- 7 Write sentences about the geography of your country.

There are mountains in the north of my country.

- 8 In groups of four, listen to each others' sentences. Which geographical features from Exercise 3 does each person talk about?