

Longer days

Skills:

Can understand most TV news and current affairs programmes.

Can produce appropriate collocations of many words/signs in most contexts fairly systematically.

Teens/Adults

Group

1 Look through these small conversations and guess what they have in common. What do you know about this topic?

Mary: The weather has been so much nicer lately, don't you think?

John: Yeah, definitely. Not as many extreme temperatures and storms like last year.

Sarah: Have you heard about the wildfires that have been happening in California?

John: Yeah, I saw some pictures online. It looks devastating.

Nick: Wow, it's so windy today! My power almost went out last night.

Laura: Yeah, the weather has been getting more and more extreme lately.

Rachel: Did you know that sea turtles are having a hard time finding suitable nesting sites because of rising sea levels?

Tom: No way! That's terrible. I remember going on vacation to Florida and seeing all those sea turtle nests on the beach.

2 In small groups, brainstorm how climate change influences our daily lives. Provide examples of how climate change has affected your own experiences.

3 Match the words on the left with the words on the right to make collocations:

gas

time measurements

change

ice sheets

rotation

high

the day

the length of time

1. remain _____

5. require precise _____

2. climate _____

6. melting _____

3. greenhouse _____

7. lengthen _____

4. planet's _____

8. impact _____

4 Watch the video and fill in the gaps with the words from Exercise 3:



Well, this summer, millions of people have experienced the fact that _____(1) is making our days hotter, but new research shows that it is also making them longer.

Well, the study published in the journal Proceedings of the National Academy of Sciences found that climate change actually added between 0.3 and one millisecond per century to the length of a day. Since 2000, that rate has accelerated to 1.3 milliseconds, which is faster than has ever happened before, according to researchers. And if _____(2) emissions _____(3), that number could double.

So why does this actually matter? Well, the precise time of day is a component of major technologies, financial transactions, the Internet and navigation systems are all just some examples of functions that _____(4) to work.

Also, how does climate change _____(5)? Well, here's how it works. With the oceans getting warmer, more _____(6), which creates a lot of extra water. All of this, researchers say, leads to the _____(7), including those at the equator, and heavier oceans make the world fatter, which slows the _____(8) down and _____(9).

5 Correct the statements about the text:

1. The study revealed that climate change added between 1 and 3 milliseconds per century to the length of a day.
2. The study found that if greenhouse gas emissions remain high, the number of added milliseconds could triple.
3. The oceans getting warmer does not lead to the world's oceans rising.
4. Heavier oceans do not affect the planet's rotation or the length of the day.

6 Choose the quote and comment on it. What does it mean? Do you agree or disagree with this quote? Why?

We are the first generation to feel the impact of climate change and the last generation that can do something about it.

Barack Obama

The climate crisis is not a political issue, it is a moral and spiritual challenge to all of humanity.

Pope Francis

Correct answers

1

Created in the “Communicative situations” tool.

Climate change, global warming

2

The idea is generated in the “Lead-in Activities” tool.

3

Made in “Matching Halves”

1. remain high
2. climate change
3. greenhouse gas
4. planet's rotation
5. require precise time measurements
6. melting ice sheets
7. lengthen the day
8. impact the length of time

4

Made in “Video to Text” + “Fill in the Gaps”.

1. climate change
2. greenhouse gas
3. remain high
4. require precise time measurements
5. impact the length of time
6. ice sheets are melting
7. world's oceans rising
8. planet's rotation
9. lengthens the day

5

Made in “True or False”.

1. This statement contradicts the factual information provided in the text – the text states the range as 0.3 to 1 milliseconds
2. Exaggerates the potential impact mentioned in the text, misrepresenting the factual data. The number could double.
3. This statement contradicts the factual information provided in the text – the text clearly states that warmer oceans lead to rising sea levels.
4. This statement contradicts the factual information provided in the text – the text says that heavier oceans do affect the planet's rotation and lengthen the day.

6

Made in “Famous Quotes”.