

## What will the Earth be like in 500 years?



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Scientists can make some pretty accurate forecasts about the future. But predicting what the Earth will be like 500 years from now is a difficult task because

there are many factors at play. The Earth changes naturally over long periods due to shifts in its tilt, orbit, and other geologic factors. However, humans are significantly changing the planet, particularly through deforestation, habitat destruction, and global warming.

A warming planet can also contribute to extreme weather like heat waves, storms, and droughts that can change the land. These human-caused changes may lead to a very different Earth in 500 years. Or, if humans are willing to adapt, the planet may continue to sustain life as it does now. These changes could lead to a very different planet in 500 years, depending in large part on how willing humans are to change their ways.

Looking back over the last 500 years, human activity has greatly impacted the planet, from population growth to species extinction. Addressing climate change will require global collaboration and effort. That can be useful – until we get too much. Columbus couldn't predict modern technology, and similarly, today's solutions to climate change may evolve over time. So, the Earth in 500 years may be unrecognizable. Or, if humans are willing to change their behaviors, it may persist with its vibrant forests, oceans, fields, and cities for many more centuries, along with its most successful residents, humankind.

Petersen, S. (2021, June 14). What will the Earth be like in 500 years? *The Conversation*. <https://theconversation.com/what-will-the-earth-be-like-in-500-years-163066>

**Why is it hard to know what the Earth will be like in 500 years?**

- a) The earth never changes
- b) There are many things that change it
- c) Scientists stopped studying the future

**What are the two main things that change the Earth?**

- a) Animals and plants
- b) Nature and humans
- c) Weather and time

**How have humans changed the planet?**

- a) By cutting trees and causing global warming
- b) By protecting animals
- c) By making it rain more

**What kind of weather can global warming cause?**

- a) Very hot and stormy weather
- b) Only mild winters
- c) Less rain and no storms

**What might happen to the Earth in 500 years if humans don't change?**

- a) The earth will stay the same
- b) The earth could have many problems
- c) The earth will get colder

**What do humans need to do to help the Earth?**

- a) Keep doing what they're doing
- b) Change their actions to protect the Earth
- c) Stop all research

**What has human activity done to the planet in the past 500 years?**

- a) It made the planet cleaner
- b) It caused species to disappear
- c) It stopped natural changes

**Why might the Earth be very different in 500 years?**

- a) Because humans may change how it looks
- b) Because the Earth never changes
- c) Because humans will destroy it

**Listen to the conversation and answer the following questions.**

**Why does Emily want to make plans for the weekend?**

- A) She already booked a hotel
- B) She doesn't want to stay at home all weekend
- C) she is boring

**Who is the most adventurous of them?**

- A) Tom
- B) Emily

**What does Tom propose if they don't find a place to stay?**

- A) Go back home and try again the next day.
- B) Stay in the car or in a cheap hotel
- C) Stay in the house of a friend

**Why does Emily say they can't just go without booking a place?**

- A) Tom is bad at deciding things
- B) Tom wants to camping
- C) There might be no places to stay

**Why does Emily want to leave early on the weekend?**

- A) So they can do all the activities
- B) She doesn't want to drive in the dark
- C) She wants to avoid the traffic

**Why does Emily want to check the weather before camping?**

- A) If it rains, she doesn't want to sleep in a tent if it does
- B) She doesn't like the cold weather
- C) She wants to go fishing on the lake

**What does Tom suggest they could do if the weather is good?**

- A) Go hiking near the lake
- B) Having a picnic
- C) Fishing

**What did Tom forget to bring the last trip they did?**

- A) The tent
- B) The food
- C) Their cellphones

**Imagine that you are living in 2044 describe how has your life changed along these years (use modal verbs)**

<b>Criteria</b>	<b>Excellent (4)</b>	<b>Good (3)</b>	<b>Fair (2)</b>	<b>Poor (1)</b>
<b>Grammar</b>	Uses modals correctly with no mistakes.	Uses modals correctly. Few errors.	Several mistakes in the use of modals.	Modals are not used.
<b>Content and ideas</b>	Gives clear and detailed descriptions.	Gives good descriptions but can be more specific.	Basic, unclear descriptions.	Totally unclear descriptions.
<b>Vocabulary</b>	Wide range of vocabulary.	Good variety of vocabulary.	Basic vocabulary, too repetitive.	Very repetitive vocabulary, inappropriate words.
<b>Organization</b>	Well organized, coherent ideas.	Minor issues in organization.	The ideas are not totally clear, hard to understand.	Difficult to understand, makes no sense.
<b>Spelling and punctuation.</b>	No spelling/punctuation mistakes.	Few spelling/punctuation mistakes.	Considerable spelling/punctuation mistakes.	Full of spelling/punctuation mistakes.

Write it here...

**Speaking. Talk about a memory of your childhood, it doesn't matter if it is good or bad but something that left a mark on you, and you'll do it for 3 minutes.**

<b>Criteria</b>	<b>Excellent</b>	<b>Good</b>	<b>Fair</b>	<b>Needs improvement</b>
<b>Fluency</b>	Uses a wide range of grammatical structures with some or zero mistake	Uses a good variety of grammatical structures with occasional mistakes but don't affect the content	Uses basic grammatical structures with frequent mistakes	makes frequent mistakes needs to improve
<b>Grammar</b>	Speaks smoothly with a normal pace and using pauses in the correct time and good control	Speaks with a good pace uses more pause but easy to follow	Speaks slow and uses pauses a lot difficult to understand	Many pauses and hesitations make it hard to follow the conversation.
<b>Vocabulary</b>	Uses a wide range of words without any difficulty	Good vocabulary, but sometimes imprecise or repetitive.	Basic vocabulary with repetitions, and struggles to find the right word	Vocabulary very limited just knows the basics and hard to understand at times
<b>Pronunciation</b>	Clear and good pronunciation and good intonation	Mostly clear pronunciation with some mistakes	Some pronunciation issues that make words hard to understand	Mispronunciations and poor intonation often make it hard to understand the speaker.

## Activity 1

### Match the sentences

You must....

Be hungry after that long trip

She can....

Rain tomorrow so bring an umbrella

They should...

Play the guitar really well

It might ...

See a doctor about that cough

He must...

Finish the project by Friday

## Activity 2. Rearrange the sentences into their correct way using modal verbs

you / must / bring / the / tent.

might / tomorrow / rain / it.

I / help / you / can / with / this.

should / early / leave / we.

must / not / run / here / you

**Activity 3. Fill the blanks using the following modal verbs (can, could, might, must, should).**

1- We \_\_\_\_\_ bring jackets. It's going to be cold tonight.

2- You \_\_\_\_\_ ask for permission before entering.

3- She \_\_\_\_\_ play the piano when she was five.

4- They \_\_\_\_\_ arrive late because of traffic.

5- You \_\_\_\_\_ always wear a helmet when riding a bike.

## **Activity 4. Complete using the correct option**

- 1- \_\_\_\_\_ I use your phone?
  - a) Can
  - b) Should
  - c) Must
  
- 2- He \_\_\_\_\_ be tired after working all day.
  - a) might
  - b) must
  - c) should
  
- 3- You \_\_\_\_\_ not park here, it's illegal.
  - a) should
  - b) can
  - c) must
  
- 4- We \_\_\_\_\_ visit the museum tomorrow if we have time.
  - a) could
  - b) must
  - c) should
  
- 5- They \_\_\_\_\_ speak French fluently.
  - a) must
  - b) can
  - c) should

## Activity 5. Correct the sentences where necessary if not, tick the correct ones

You must ask permission to leave the classroom. ( )

She can't play the guitar because she's never learned. ( )

We might go to the park tomorrow if the weather is nice. ( )

He should eat more vegetables if he wants to be healthy. ( )

You can't walk your dog in this park, it's allowed. ( )