

Understanding Climate Change



Climate change is a big problem that the world faces today. It means that the weather on Earth is getting warmer at a fast rate. The main cause of this warming is human activity, such as using cars and factories. These actions release gases that trap heat in the atmosphere. This effect is known as the greenhouse effect. Over time, it leads to an increase in the planet's overall temperature.

One of the biggest issues of climate change is that ice at the poles is melting. This causes sea levels to rise and can lead to flooding in coastal areas. Animals that live in these cold places are also losing their homes. This is why some animals, like polar bears, are in trouble.

Another issue is that the weather patterns are changing around the world. Some places get a lot more rain and floods happen, while other places get very dry. Farmers find it hard to grow food when the weather changes a lot. This can lead to food shortages and higher prices in shops.

People around the world are working to fix these problems. One way to help is to use less electricity and water. People can also ride bikes or walk instead of driving cars. Governments are making laws to control how much pollution factories can make. They are also trying to make more power from the sun and wind, which is cleaner.

The most important thing is that everyone understands how serious climate change is. If we all work together, we can protect the Earth for future generations. It starts with small changes in how we live every day. We must take care of our planet, as it is the only home we have.

CEFR Level Card

General Level: B1.1

Vocabulary: A2.1

Verb Form: A1.6

Clause: B1.0

Wordlist

coastal ADJ B2 1

Definition (En):

- a. of or relating to a coast
- a. located on or near or bordering on a coast

flooding NOUN B2 1

Definition (En):

- n a technique used in behavior therapy; client is flooded with experiences of a particular kind until becoming either averse to them or numbed to them
- v fill quickly beyond capacity; as with a liquid
- v cover with liquid, usually water
- v supply with an excess of
- v become filled to overflowing

greenhouse NOUN B2 1

Definition (En):

- n. a building with glass walls and roof; for the cultivation and exhibition of plants under controlled conditions
- a. of or relating to or caused by the greenhouse effect

melt VERB B2 1

Definition (En):

- v. reduce or cause to be reduced from a solid to a liquid state, usually by heating
- v. lose its distinct outline or shape; blend gradually
- v. become less intense and fade away gradually

overall ADJ B2 1

Definition (En):

- n. (usually plural) work clothing consisting of denim trousers (usually with a bib and shoulder straps)
- n. a loose protective coverall or smock worn over ordinary clothing for dirty work
- s. involving only main features
- s. including everything

polar ADJ C2 1

Definition (En):

- s. having a pair of equal and opposite charges
- a. located at or near or coming from the earth's poles
- a. of or existing at or near a geographical pole or within the Arctic or Antarctic Circles

pole NOUN C1 1

Definition (En):

- n. a long (usually round) rod of wood or metal or plastic
- n. a native or inhabitant of Poland
- n. one of two divergent or mutually exclusive opinions
- n. one of two points of intersection of the Earth's axis and the celestial sphere

shortage NOUN B2 1

Definition (En):

- n the property of being an amount by which something is less than expected or required
- n an acute insufficiency

trap VERB B2 1

Definition (En):

- n. a device in which something (usually an animal) can be caught and penned
- n. drain consisting of a U-shaped section of drainpipe that holds liquid and so prevents a return flow of sewer gas
- n. something (often something deceptively attractive) that catches you unawares
- n. a device to hurl clay pigeons into the air for trapshooters

warming NOUN B2 1

Definition (En):

- s. imparting heat

Phrases and Idioms

Lemma	Sentences
lead to (something)	<ul style="list-style-type: none"> · Over time, it leads to an increase in the planet's overall temperature. · This causes sea levels to rise and can lead to flooding in coastal areas. · This can lead to food shortages and higher prices in shops.
as it is	<ul style="list-style-type: none"> · We must take care of our planet, as it is the only home we have.
greenhouse effect	<ul style="list-style-type: none"> · This effect is known as the greenhouse effect.
how much	<ul style="list-style-type: none"> · Governments are making laws to control how much pollution factories can make.
in trouble	<ul style="list-style-type: none"> · This is why some animals, like polar bears, are in trouble.
instead of (something)	<ul style="list-style-type: none"> · People can also ride bikes or walk instead of driving cars.
live in something	<ul style="list-style-type: none"> · Animals that live in these cold places are also losing their homes.
on earth	<ul style="list-style-type: none"> · It means that the weather on Earth is getting warmer at a fast rate.
other place	<ul style="list-style-type: none"> · Some places get a lot more rain and floods happen, while other places get very dry.
over time	<ul style="list-style-type: none"> · Over time, it leads to an increase in the planet's overall temperature.
small change	<ul style="list-style-type: none"> · It starts with small changes in how we live every day.
start with (someone or something)	<ul style="list-style-type: none"> · It starts with small changes in how we live every day.
such as	<ul style="list-style-type: none"> · The main cause of this warming is human activity, such as using cars and factories.
take care of (someone or something)	<ul style="list-style-type: none"> · We must take care of our planet, as it is the only home we have.

Lemma	Sentences
trap (someone or something) in (something)	· These actions release gases that trap heat in the atmosphere.
work together	· If we all work together , we can protect the Earth for future generations.

Reading Comprehension Exercises

True / False / Not Given

1. The world is dealing with the issue of climate change.
2. The weather on Earth is cooling down quickly because of climate change.
3. Cars and factories do not affect the greenhouse effect.
4. The ice at the poles never melts.
5. Polar bears are having a hard time because their homes are disappearing.
6. The weather patterns around the world are staying the same.
7. Food prices are falling because of stable weather conditions.
8. Using less electricity and water can help with climate change problems.
9. Governments are banning all factories to stop pollution.
10. Small changes in our daily lives can help protect the Earth for future people.

Multiple Choice

- 1) What is the primary cause of the climate becoming warmer?
 - a) Children playing outside
 - b) Movements of the Earth
 - c) Human activities
 - d) Sun becoming hotter

- 2) What is the greenhouse effect?
 - a) A type of gardening
 - b) Gases that trap heat in the atmosphere
 - c) Plants growing faster
 - d) The sun's rays getting weaker

- 3) What are governments doing to address climate change?
 - a) Stopping all cars
 - b) Making laws to limit pollution
 - c) Closing all factories
 - d) Banning electricity

- 4) What is a consequence of the ice melting at the poles?
 - a) More playgrounds are built
 - b) Sea levels fall
 - c) Animals get new homes
 - d) Sea levels rise and flooding occurs

- 5) How does climate change affect animals like polar bears?
 - a) They are getting too warm
 - b) They are becoming pets
 - c) They are losing their homes
 - d) They are learning to fly

- 6) What is one way people can help combat climate change in their daily lives?
 - a) By watching more television
 - b) Using more water
 - c) Riding bikes instead of driving
 - d) Eating more junk food

- 7) What impact does climate change have on farmers?
- a) It creates perfect farming conditions
 - b) They get more holidays
 - c) It makes growing food difficult
 - d) Their clothes go out of fashion
- 8) Why is it important for everyone to understand the seriousness of climate change?
- a) So people can ignore it
 - b) Because it is a small problem
 - c) To protect Earth for the future
 - d) It is not really important
- 9) What impact does climate change have on weather patterns?
- a) Weather becomes predictable
 - b) Days get longer
 - c) Some places get floods or droughts
 - d) Snowfalls increase globally
- 10) What can contribute to higher food prices according to the text?
- a) Faster internet speeds
 - b) Food becoming tastier
 - c) Stable weather conditions
 - d) Food shortages due to climate change

Short Answer

1. Why is the weather on Earth getting warmer?
2. What is the greenhouse effect?
3. What happens when ice at the poles melts?
4. Why are polar bears in trouble?
5. What can happen to farmers due to changing weather patterns?
6. What do floods and dry weather lead to?
7. What are people around the world doing to deal with climate change?
8. How can using less electricity and water help the planet?
9. How are governments trying to reduce pollution from factories?
10. What must we do to protect the Earth for future generations?

Exercise Answers

True / False / Not Given Answers

1.

Answer: True

Explanation: The text starts by mentioning that climate change is a significant problem that the world is facing, which makes the statement true.

Answer location: "Climate change is a big problem that the world faces today."

2.

Answer: False

Explanation: The text explicitly states that Earth's weather is getting warmer, not cooler, which is the opposite of the statement.

Answer location: "It means that the weather on Earth is getting warmer at a fast rate."

3.

Answer: False

Explanation: The text clearly states that human activities like using cars and factories contribute to the greenhouse effect.

Answer location: "The main cause of this warming is human activity, such as using cars and factories."

4.

Answer: False

Explanation: The text directly mentions that ice at the poles is melting as one of the big issues of climate change.

Answer location: "One of the biggest issues of climate change is that ice at the poles is melting."

5.

Answer: True

Explanation: The text indicates that animals, including polar bears, are in trouble because they are losing their homes due to climate change.

Answer location: "Animals that live in these cold places are also losing their homes. This is why some animals, like polar bears, are in trouble."

6.

Answer: False

Explanation: The text clearly states that weather patterns are changing, which contradicts the statement.

Answer location: "Another issue is that the weather patterns are changing around the world."

7.

Answer: False

Explanation: The text says that unstable weather leads to food shortages and higher prices, not lower prices.

Answer location: "This can lead to food shortages and higher prices in shops."

8.

Answer: True

Explanation: The text suggests that using less electricity and water is one method to help with climate change issues.

Answer location: "One way to help is to use less electricity and water."

9.

Answer: Not given

Explanation: The text mentions governments making laws to control pollution from factories but does not say that they are banning all factories.

Answer location: "N/A"

10.

Answer: True

Explanation: The text concludes by stating that small daily changes can contribute to protecting the Earth for future generations, making the statement true.

Answer location: "It starts with small changes in how we live every day. We must take care of our planet, as it is the only home we have."

Multiple Choice Answers

1.

Answer: C

Explanation: The text directly states that human activities like using cars and factories are the main cause of the warming.

Answer location: "The main cause of this warming is human activity, such as using cars and factories."

2.

Answer: B

Explanation: The greenhouse effect is described in the text as gases that trap heat in the atmosphere.

Answer location: "These actions release gases that trap heat in the atmosphere. This effect is known as the greenhouse effect."

3.

Answer: B

Explanation: The text mentions that governments are creating laws to restrict pollution from factories as one of their actions against climate change.

Answer location: "Governments are making laws to control how much pollution factories can make."

4.

Answer: D

Explanation: The text explains that melting ice at the poles causes sea levels to rise, which can result in flooding.

Answer location: "One of the biggest issues of climate change is that ice at the poles is melting. This causes sea levels to rise and can lead to flooding in coastal areas."

5.

Answer: C

Explanation: Specifically for polar bears, the text notes they are in trouble because they are losing their homes due to climate change.

Answer location: "Animals that live in these cold places are also losing their homes."

6.

Answer: C

Explanation: One of the suggestions for daily life changes in the text is for people to ride bikes or walk instead of driving cars.

Answer location: "People can also ride bikes or walk instead of driving cars."

7.

Answer: C

Explanation: The text indicates that changing weather patterns make it difficult for farmers to grow food.

Answer location: "Farmers find it hard to grow food when the weather changes a lot."

8.

Answer: C

Explanation: The text emphasizes the importance of understanding the seriousness of climate change to protect the Earth for future generations.

Answer location: "The most important thing is that everyone understands how serious climate change is. If we all work together, we can protect the Earth for future generations."

9.

Answer: C

Explanation: The text explains that climate change is altering weather patterns, leading to more floods in some places and droughts in others.

Answer location: "Some places get a lot more rain and floods happen, while other places get very dry."

10.

Answer: D

Explanation: The text mentions that one result of the changing weather patterns is food shortages, which can lead to higher prices in shops.

Answer location: "This can lead to food shortages and higher prices in shops."

Short Answer Answers

1.

Answer: Human activity.

Explanation: The text states that human activities like using cars and factories are the main cause of the Earth getting warmer.

Answer location: "The main cause of this warming is human activity, such as using cars and factories."

2.

Answer: Gases that trap heat in the atmosphere.

Explanation: The greenhouse effect is described as gases trapping heat in the atmosphere.

Answer location: "These actions release gases that trap heat in the atmosphere. This effect is known as the greenhouse effect."

3.

Answer: Sea levels rise.

Explanation: As ice melts at the poles, the text explains that this results in rising sea levels.

Answer location: "This causes sea levels to rise and can lead to flooding in coastal areas."

4.

Answer: Losing their homes.

Explanation: Polar bears are in trouble because they are losing their homes due to the melting ice.

Answer location: "Animals that live in these cold places are also losing their homes."

5.

Answer: Hard to grow food.

Explanation: The text mentions that changing weather patterns make it difficult for farmers to grow food.

Answer location: "Farmers find it hard to grow food when the weather changes a lot."

6.

Answer: Food shortages and higher prices.

Explanation: The consequence of floods and dry spells as described in the text includes food shortages and increased prices.

Answer location: "This can lead to food shortages and higher prices in shops."

7.

Answer: Working to fix these problems.

Explanation: The text states that globally, people are making efforts to address climate change issues.

Answer location: "People around the world are working to fix these problems."

8.

Answer: Helps to fix problems.

Explanation: Using less electricity and water is presented as one of the ways to help fix problems caused by climate change.

Answer location: "One way to help is to use less electricity and water."

9.

Answer: Making laws.

Explanation: To curb factory pollution, governments are enforcing laws according to the text.

Answer location: "Governments are making laws to control how much pollution factories can make."

10.

Answer: Work together.

Explanation: The protection of Earth for the future requires collective effort, as mentioned in the text.

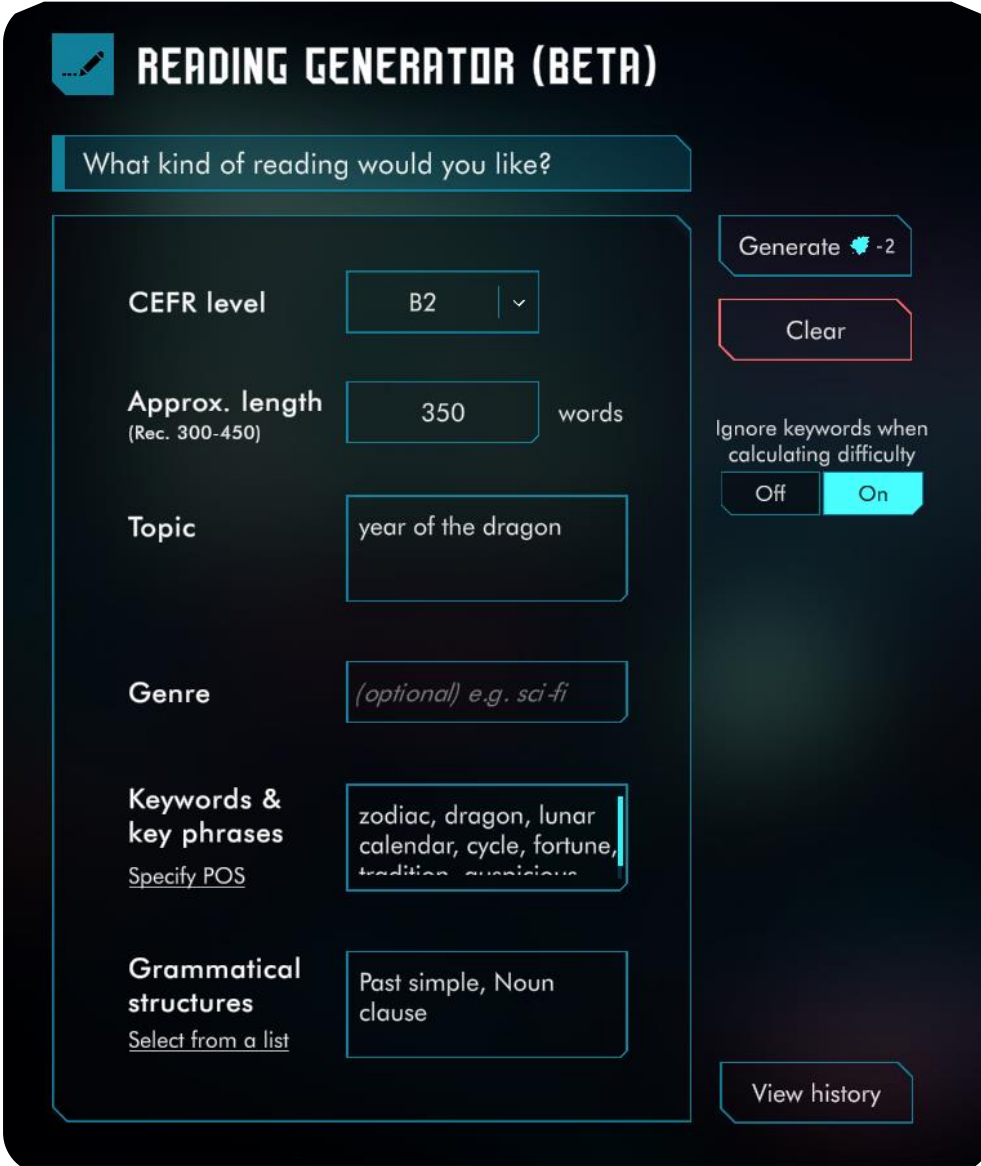
Answer location: "If we all work together, we can protect the Earth for future generations."

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- the length of the reading
- the topic
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What kind of reading would you like?

CEFR level


Approx. length words
(Rec. 300-450)

Topic

Genre

Keywords & key phrases
Specify POS

Grammatical structures
Select from a list

Generate  -2

Clear

Ignore keywords when calculating difficulty
 Off On

View history