

SMART *JUNIORS* 1

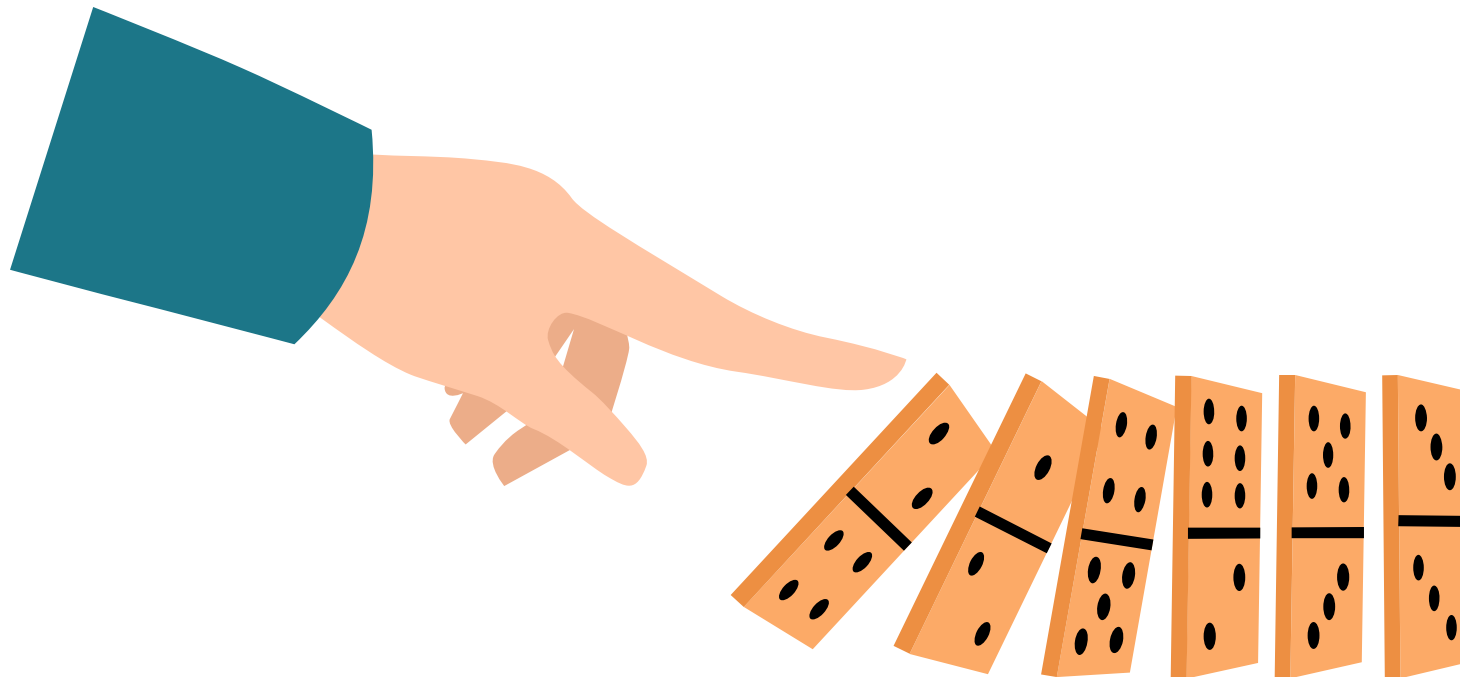
A Burning Planet

Lesson 46 Critical Thinking



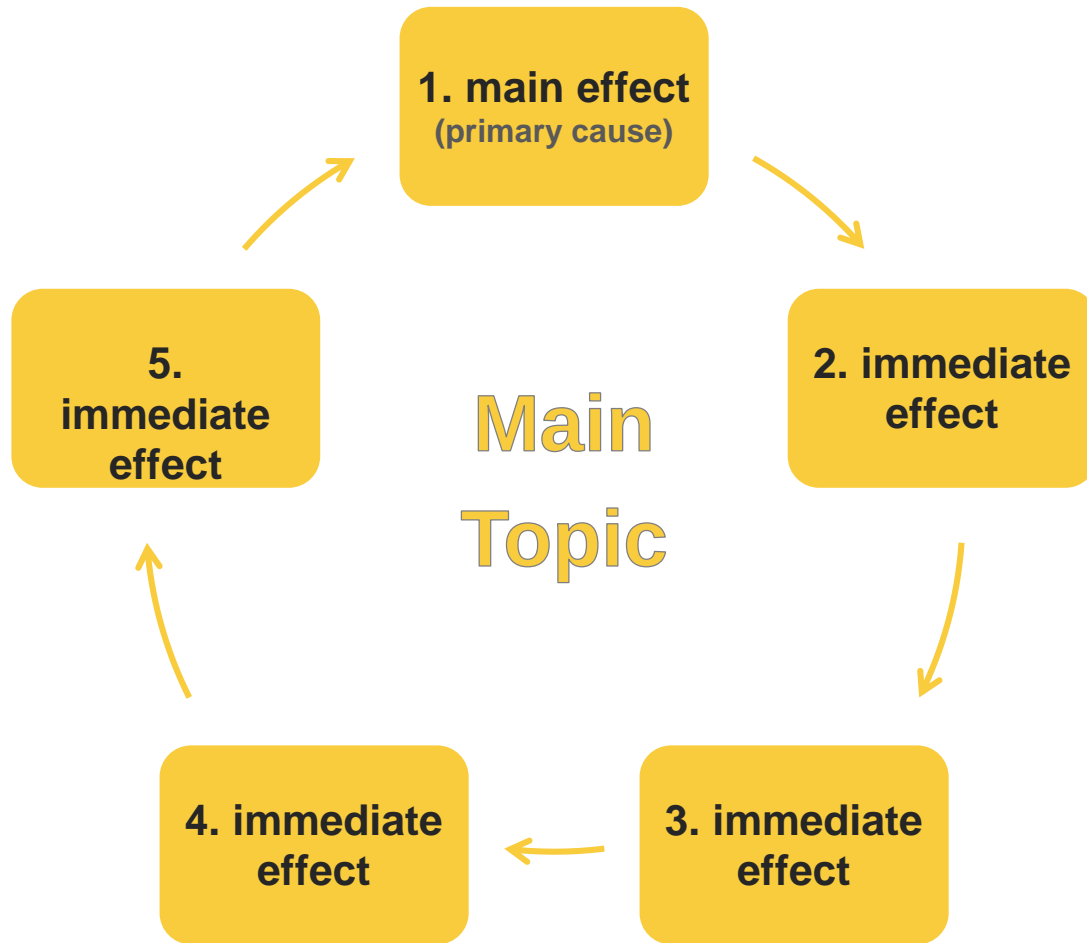
Cause-and-Effect Chain

- Have you ever noticed that when you do something, it can make something else happen, and then another thing happens? That's called a **cause-and-effect chain**.



Using a Cause-and-Effect Chain

We can use a **cycle** to show the connection of the causes and effects of a situation or event.



“ Its primary purpose is to explain the relationship between actions or events by creating a clear connection. ”



Using a Cause-and-Effect Chain

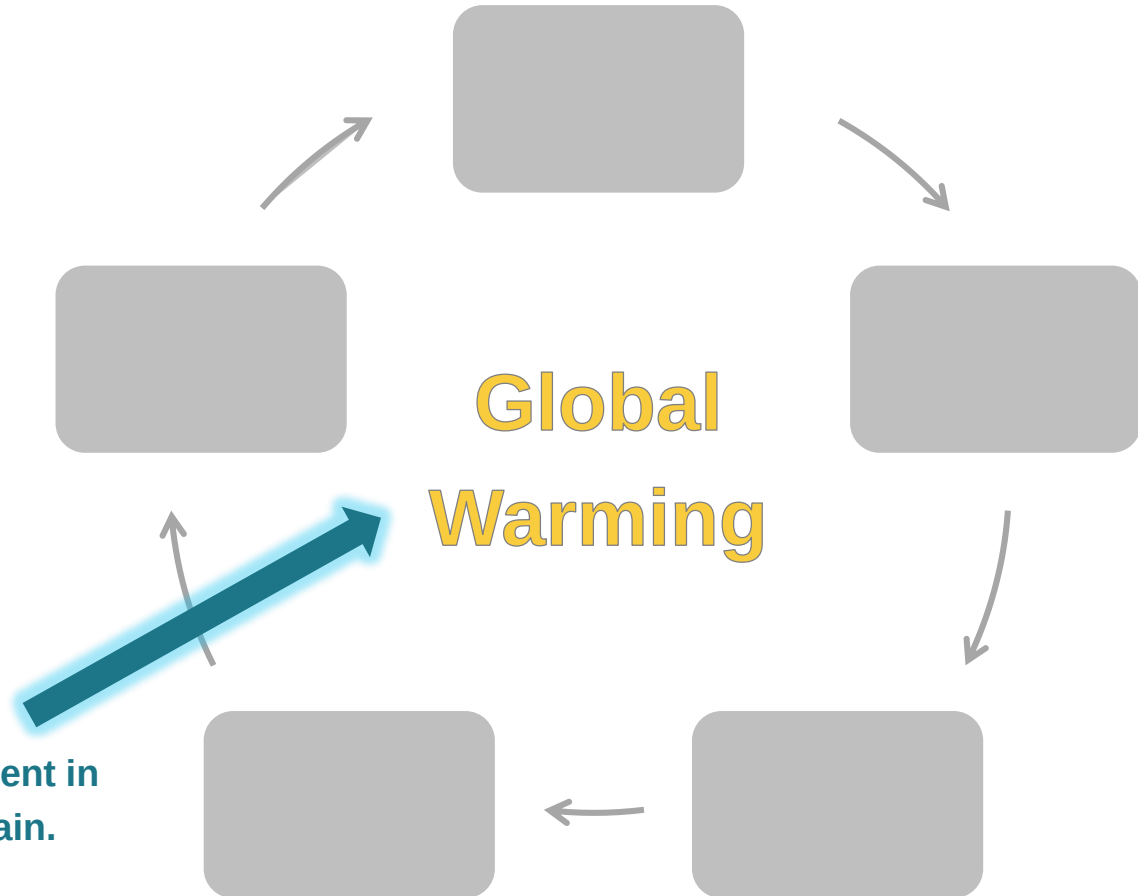
Let's take the "global warming" issue as an example and understand its cause-effect chain.

1. Choose an event.



- Education Inequality
- Global Warming
- Homelessness
- Bullying

2. Put your chosen event in the middle of your chain.

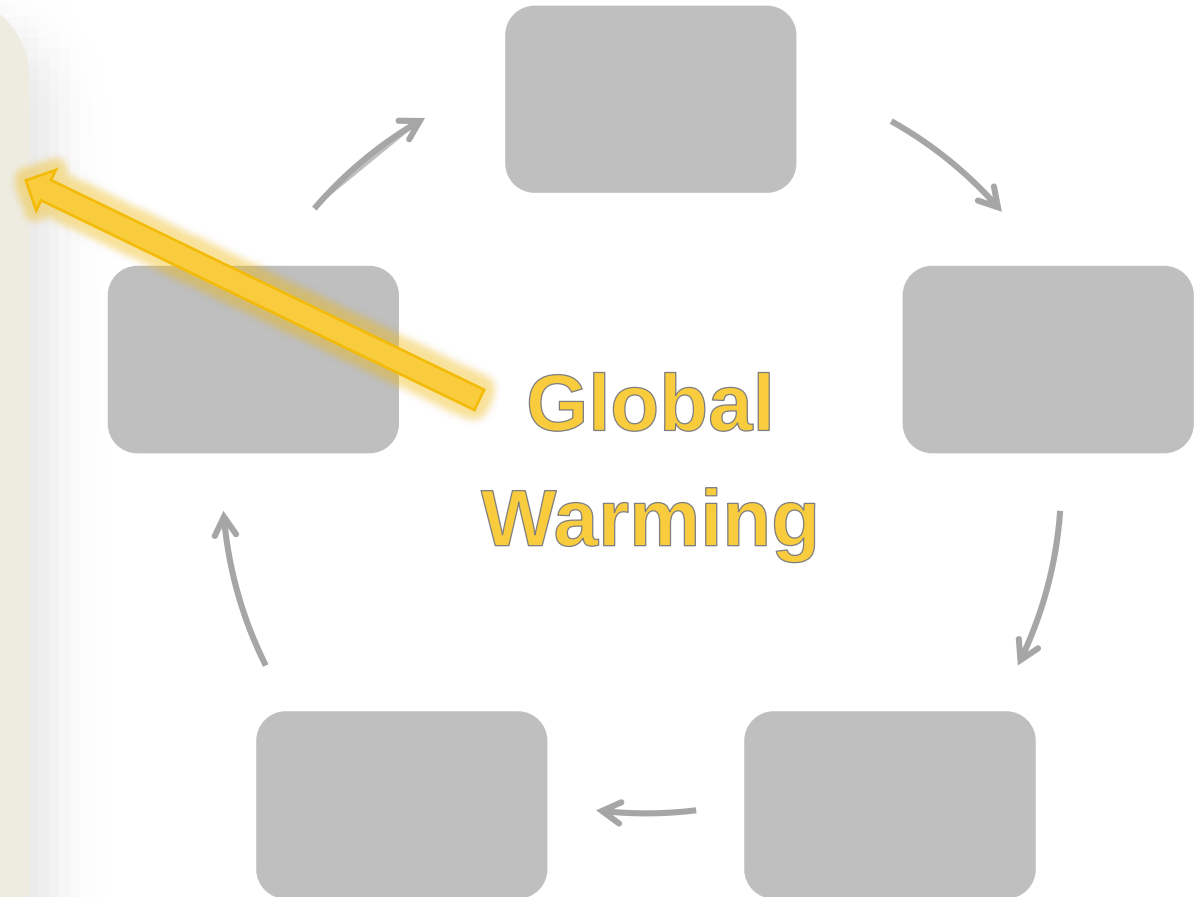


Using a Cause-and-Effect Chain

A Burning Planet | Paragraph 3

Once our Earth starts "burning", all the results will build on one another, leading to a vicious cycle. Let's check an example to see how this chain reaction works: as human activities create more carbon emissions into the atmosphere, global temperatures begin to rise. The rising temperatures result in drier and less rainy weather. The hot and dry weather without enough rainfall causes the forests to dry out. When the forests dry out in hot weather, they become more and more flammable and finally lead to forest fires. Forest fires, in turn, release more carbon emissions, making the problem of global warming worse.

- **Step 1:** Check how the specific event was described in the beginning of the paragraph.

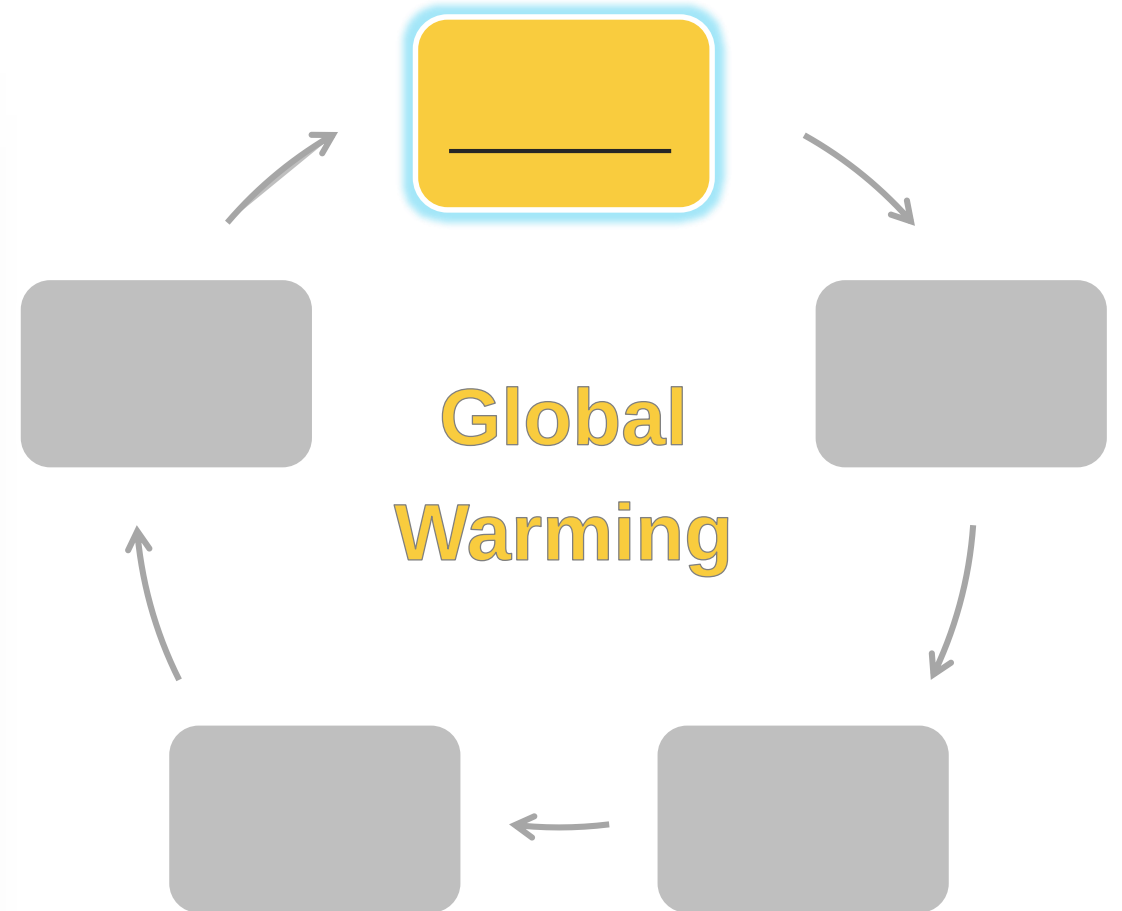


Using a Cause-and-Effect Chain

A Burning Planet | Paragraph 3

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- Step 2: Read the paragraph and identify the main effect.

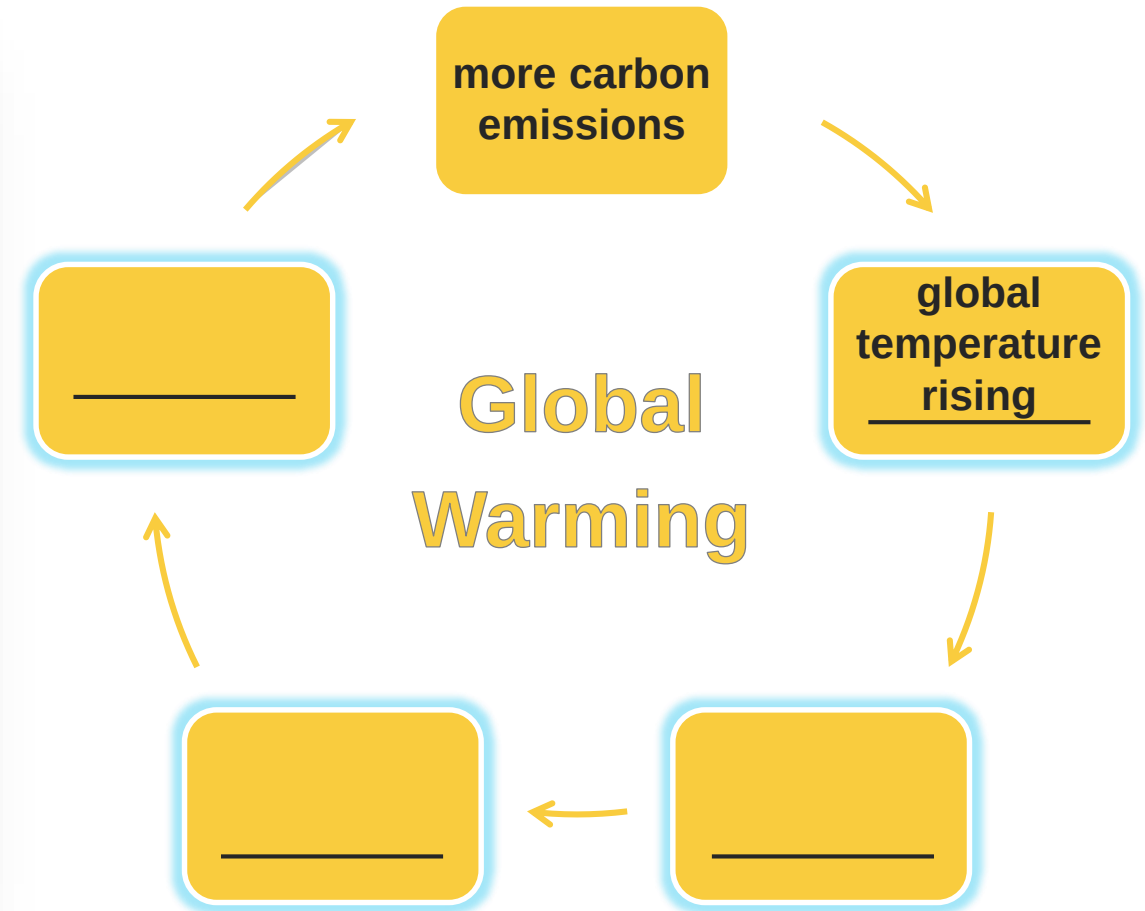


Using a Cause-and-Effect Chain

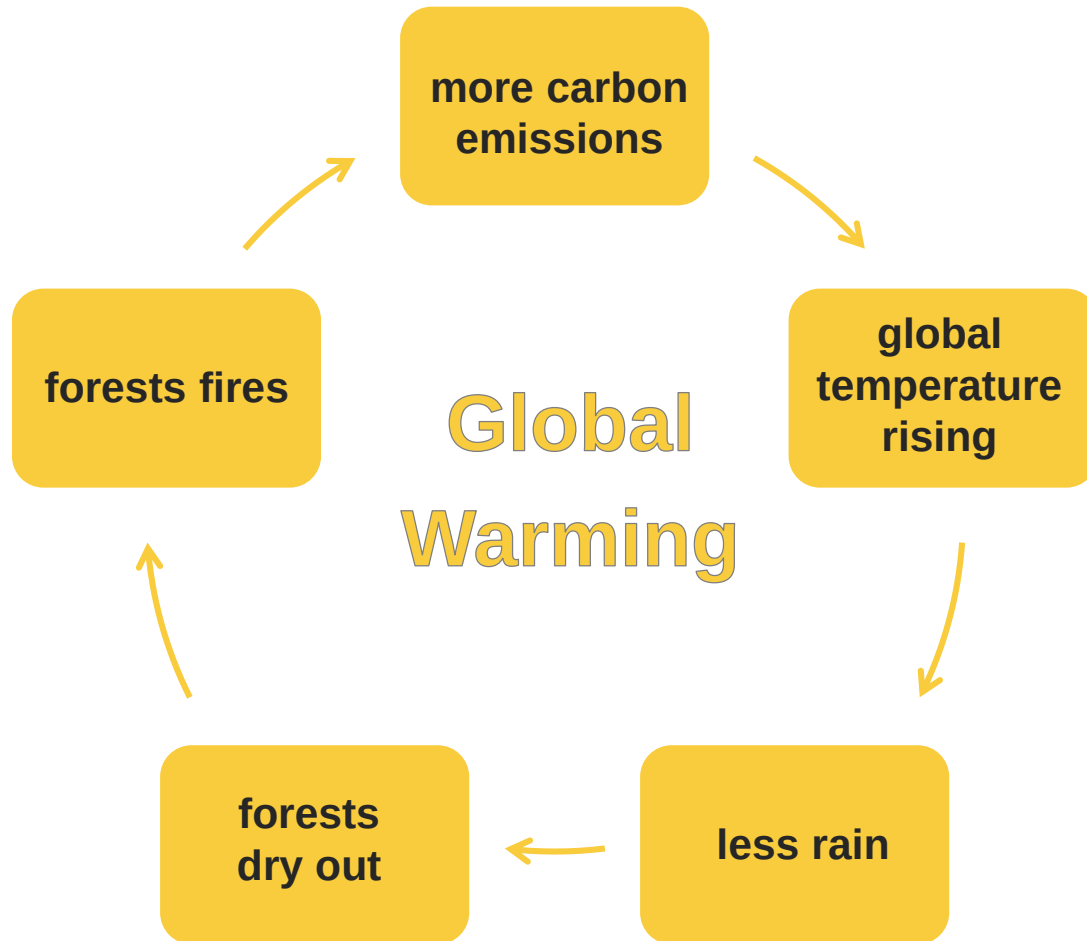
A Burning Planet | Paragraph 3

Once our Earth starts "burning", all the results will build on one another, leading to a vicious cycle. Let's check an example to see how this chain reaction works: as more carbon emissions accumulate in the atmosphere, global temperatures begin to rise. The rising temperatures result in drier and less rainy weather. The hot and dry weather without enough rainfall causes the forests to dry out. When the forests dry out in hot weather, they become more and more flammable and finally lead to forest fires. Forest fires, in turn, release more carbon emissions, making the problem of global warming worse.

- **Step 3:** Complete the immediate effects that result from the primary cause.



Check the final cause-and-effect chain.



“ It highlights that every effect has a cause, and every cause has an effect that results in a continual cycle of interconnected events or happenings. ”



CRITICAL THINKING

Expressing Cause and Effect

Choose the appropriate verb to **clearly convey** the **cause-and-effect relationship** between events.

Cause	Linking Verb / Phrase	Effect
A	leads to / causes / results in	B
Effect	Linking Verb / Phrase	Cause
B	caused by / due to / the result of	A

Using the right verbs allows you to analyze situations more effectively.

ex. An increase in global temperature **results in** less rain.
Cause Effect



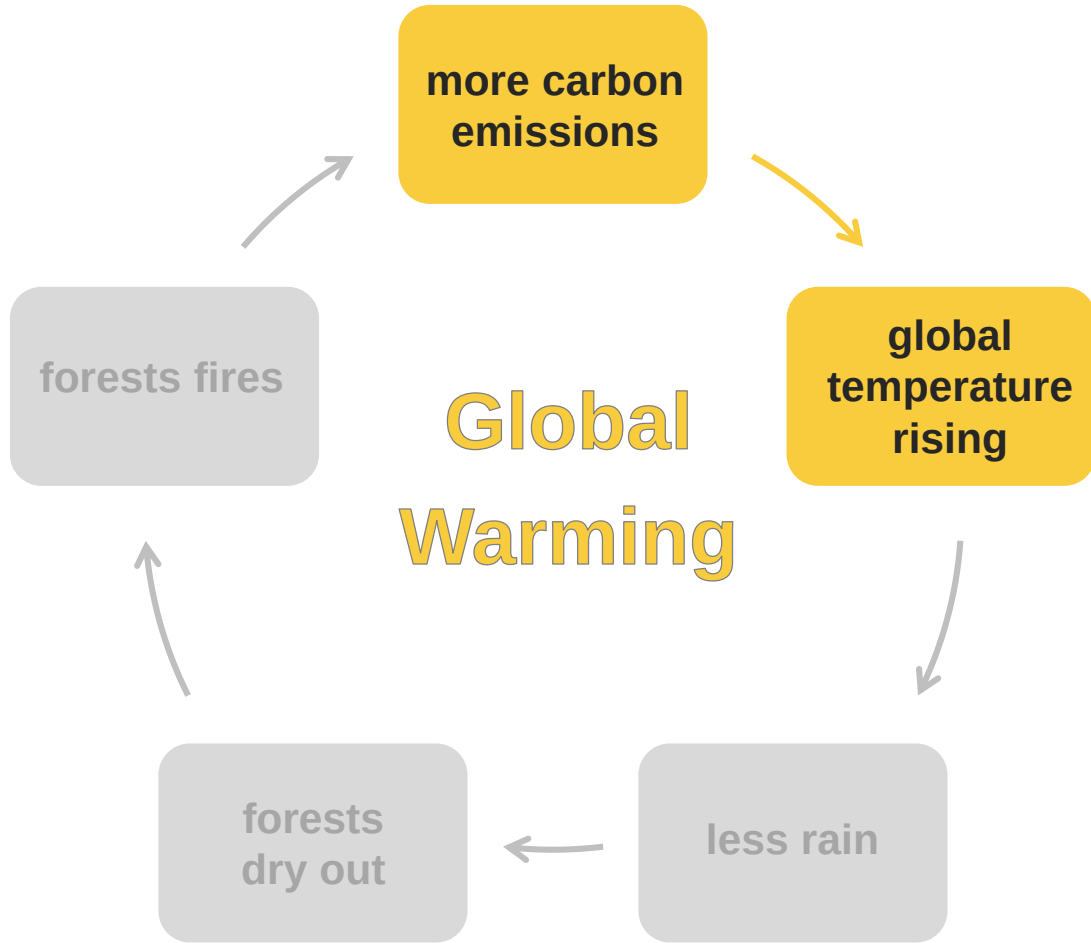
Expressing Cause and Effect

Choose the appropriate verb to complete the sentence.

1. The rising temperatures **due to / result in** drier and less rainy weather.
2. Dry forests occur **lead to / due to** the combination of hot and dry weather conditions, which are characterized by inadequate rainfall.
3. When the forests dry out in hot weather, they become more and more flammable and finally **caused by / lead to** forest fires.
4. The rising sea levels are **result in / caused by** the melting of the polar ice caps, which in turn leaves many people living in coastal areas in a terrible state of homelessness.



WRITING TASK



 Check the cycle to complete the paragraph.

When _____ begins, it creates a

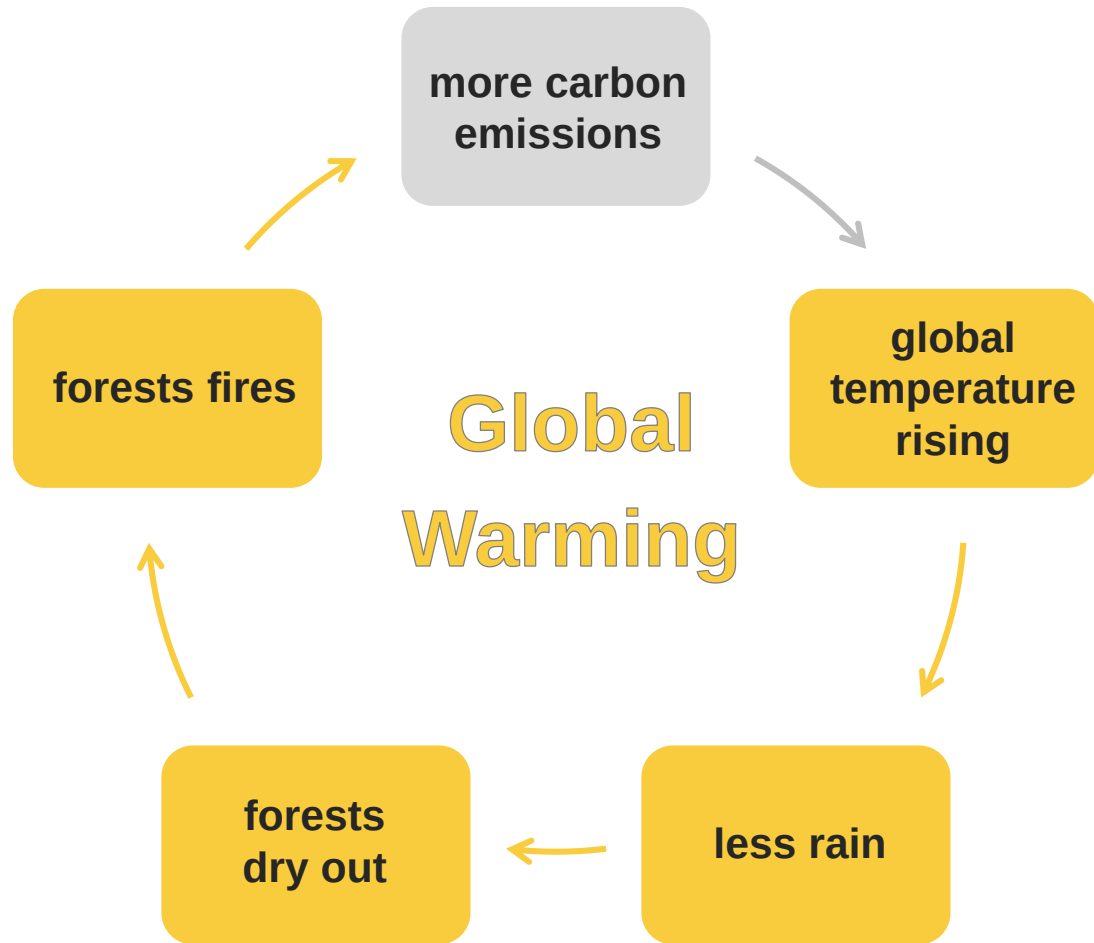
_____. The chain **starts with**

human activities that create more and more

_____. This will

result in _____.

WRITING TASK



 Check the cycle to complete the paragraph.

If the temperature keeps rising, it will **lead to** _____ . Less rainfall, **causes** _____ . When the forests become too dry, they can easily catch fire which **result in** _____ , and that goes back to the main cause and make global warming even worse.



When we want to present causal relationships for a specific topic, we can use a cause-and-effect chain. In the student's book page 95, choose a topic as a basis of your cause-and-effect chain. Make a chain and write a paragraph to explain the causes and effects using the right verbs.

TOPIC	CHAIN
<input type="checkbox"/> Obesity	
<input type="checkbox"/> Common Cold	
<input type="checkbox"/> Body Pain	





WHAT'S NEXT...

In the next lesson, we're going to learn about
the Present Perfect Tense and Past Tense.

See you next time!