

TRS501 – Earth science - CAUSE AND EFFECT

1. Cause of smth is....

- Another natural cause of climate change is _____.

2. cause + N

- In the past, _____ have caused climate change.

3. Subject + cause + N + to do smth

- At times in the past, massive volcanic activity has caused enormous amounts of greenhouse gases to be released into the atmosphere.

Subject: _____

N: _____

to do smth: _____

- These aerosols reflect solar radiation and cause the planet to cool.

Subject: _____

N: _____

to do smth: _____

- There is evidence that these changes in solar activity cause Earth to become warmer or cooler.

Subject: _____

N: _____

to do smth: _____

4. The main driver behind + N is...

- In modern times, the main driver behind climate change on our planet is _____ - _____.

5. is the consequence of...

- Today, climate change is mainly the consequence of anthropogenic production of _____.

6. resulting in...

- Volcanoes release clouds of dust and ash that block the sun, resulting in a _____.

7. has led to / leads to

- At times in the past, massive volcanic activity has caused enormous amounts of greenhouse gases to be released into the atmosphere. This has led to periods of _____.

8. prevent + **N** + from + doing smth

- In this process, greenhouse gases in the atmosphere absorb the sun's energy, preventing heat from escaping back into space.

N: _____

doing smth _____

9. as a result,

- In this process, greenhouse gases in the atmosphere absorb the sun's energy, preventing heat from escaping back into space. As a result, _____ .

10. Due to

- Scientific models of Earth's temperatures show that due to _____ , Earth is warming up three times faster now than in 1950.

11. As S1 + V1, S2 + V2

- As atmospheric levels of CO₂ have increased, average global temperatures have also risen, most significantly in recent years."

S1: _____

V1: _____

S2: _____

V2: _____

12. When S1 + V1, S2 + V2

- When carbon burns, it changes from a liquid to a gas, which is then released into the atmosphere.

S1: _____

V1: _____

S2: _____

V2: _____

- When plants are burnt or cut down and left to decay, they release CO₂ back into the atmosphere.

S1: _____

V1: _____

S2: _____

V2: _____