

HMDC Elementary Debate Class (Summer 2024) - Rebuttals

Topic: The use of “Geoengineering” technology to cool the planet would be desirable.

Rebuttal Introduction (PRO)

Hello, my name is... [Full Name].

In this speech, I will refute each of the opposing team’s arguments.

To begin, let’s discuss: Lacking Effectiveness

PRO-01: vs. Lacking Effectiveness

They said... using geoengineering will be ineffective.

We say... it will not be ineffective.

because...

First... Natural Examples Prove Effectiveness

Our research states... When the volcano Mount Pinatubo erupted in the Philippines, it released particles that reflected sunlight, cooling the entire planet for a short time.

This means... Geoengineering will work because nature proves that reflecting sunlight can cool the Earth.

Also... Technology is Improving

Our research states... Scientists have made significant progress in creating geoengineering technology that is now safer and more reliable.

This means... geoengineering will be effective because the technology has recently been improved.

Finally... Small-Scale Tests are Effective

Our research states... Geoengineering has been tested on smaller areas and has shown positive results in cooling those places.

This means... Geoengineering will be effective because small tests prove it can also work in larger areas.

Therefore... using geoengineering will NOT be ineffective.

The next argument I will refute is... Wasting Resources.

PRO-02: vs. Wasting Resources

They said... using geoengineering will waste resources.

We say... it will not waste resources.

because...

First... Effective Solutions Are Worth It

Our research states... Geoengineering can provide a quick solution to slow down climate change while we work on longer-term solutions.

This means... Using geoengineering will be a waste because it helps us deal with climate change faster.

Also... Saving Money by Preventing Disasters

Our research states... Geoengineering can prevent costly disasters like floods and storms, saving money in the long run.

This means... Geoengineering will save resources because it prevents the costs of natural disasters.

Finally... Investing in Our Future

Our research states... Spending money on geoengineering is an investment in a safer, cooler planet for future generations.

This means... Geoengineering will not waste resources because it helps protect our planet for the future.

Therefore... using geoengineering will NOT waste resources.

So, for all these reasons, please vote for the PRO. Thank you.

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Topic: The use of “Geoengineering” technology to cool the planet would be desirable.

Rebuttal Introduction (CON)

Hello, my name is... [Full Name].

In this speech... I will refute each of the opposing team’s arguments.

To begin, let’s discuss... Preventing Natural Disasters

CON-01: vs. Preventing Natural Disasters

They said... using geoengineering will prevent natural disasters.

We say... it will not prevent natural disasters.

because...

First... Unpredictable Side Effects

Our research states... Adding particles to the atmosphere could change weather patterns in unexpected ways, causing problems like droughts or floods.

This means... Geoengineering will not prevent disasters and it might create new and worse problems.

Also... Limited Impact on Storms

Our research states... Cooling the Earth might not be enough to stop powerful storms that are caused by many different factors.

This means... Geoengineering won’t prevent disasters because it can’t control the causes of big storms.

Finally... Short-Term Solution

Our research states... Geoengineering only works while it is being done, and stopping it could lead to sudden and severe climate changes.

This means... Geoengineering will not prevent natural disasters because it is not a permanent fix.

Therefore... using geoengineering will NOT prevent natural disasters.

The next argument I will refute is... Protecting Endangered Species.

CON-02: vs. Protecting Endangered Species

They said... using geoengineering will protect endangered species.

We say... it will not protect endangered species.

because...

First... Creating Risks to Ecosystems

Our research states... Geoengineering could harm ecosystems by changing weather and climate patterns, which could hurt the animals and plants living there.

This means... Geoengineering won’t help endangered species because it might damage their habitats.

Also... Distracting from Better Solutions

Our research states... Focusing on geoengineering might take attention and resources away from protecting natural habitats and reducing pollution.

This means... Geoengineering will not help because it distracts us from finding better ways to help them.

Finally... Causing Unintended Consequences

Our research states... Changing the climate in one area could have unexpected effects on animals and plants in other areas.

This means... Geoengineering could create new problems making things even worse for these animals.

Therefore... using geoengineering will NOT protect endangered species.

So, for all these reasons, please vote for the CON. Thank you.