

INFORMATIVE/EXPLANATORY ESSAY ORGANIZER

Introduction: Paragraph 1

Interesting Lead

Thesis

Fact 1

Fact 2

Fact 3

Body: Paragraph 2

Restate Fact 1

Supporting Detail 1

Supporting Detail 2

Supporting Detail 3

Body: Paragraph 3

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Restate Fact 2

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Supporting Detail 1

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Supporting Detail 2

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Supporting Detail 3

Body: Paragraph 4

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Restate Fact 3

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Supporting Detail 1

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Supporting Detail 2

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Supporting Detail 3

Conclusion: Paragraph 5

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Rephrase Thesis

.....
Rephrase Facts

.....
Closing Sentence

INFORMATIVE/EXPLANATORY ESSAY ORGANIZER

Introduction: Paragraph 1

Interesting Lead

What is climate change?

Thesis

The temperature rising and weather patterns changing in our atmosphere are due to climate change.

Fact 1

Cause of climate change

Fact 2

Negative effects

Fact 3

Possible Solutions

Body: Paragraph 2

Restate Fact 1

What is causing climate change?

Supporting Detail 1

greenhouse gas effect

Supporting Detail 2

Burning fossil fuels

Supporting Detail 3

Examples of fossil fuels
(carbon dioxide, methane)

Body: Paragraph 3

Restate Fact 2

Negative effects of climate change

Supporting Detail 1

Oceans - sea level

Supporting Detail 2

extreme weather

Supporting Detail 3

damage to ozone layer

Body: Paragraph 4

Restate Fact 3

Possible Solutions for climate change

Supporting Detail 1

less carbon dioxide

Supporting Detail 2

Government policies

Supporting Detail 3

plant trees

Conclusion: Paragraph 5

Rephrase Thesis

Climate change is the rising temperature of our atmosphere and changes to our weather patterns

Rephrase Facts

Cause of climate change

Negative effects

Possible solutions

Closing Sentence

Climate change is real and countries around the world need to work together to make positive changes.

Climate Change

The temperature rising and weather patterns changing in our atmosphere are due to climate change. It is important to understand what causes climate change. Many negative effects of climate change are often reported in the media. Everyone needs to learn about positive solutions that can slow down or improve climate change on Earth. Are you concerned about climate change?

What is causing climate change? Too many gases (known as greenhouse gases) being trapped in our atmosphere are causing what is known as the greenhouse gas effect. The greenhouse gas effect is where gases that are trapped in the atmosphere allow shortwave radiation to pass through from the sun. However, they block the longwave heat energy that the Earth radiates back toward space. This leads to heat being trapped and the Earth's average temperature raising. When humans burn forests and fossil fuels like oil, coal and natural gas, enormous amounts of carbon dioxide are released into the atmosphere. Another example of a greenhouse gas is methane, which is released from sewage treatment, landfills, and when getting fossil fuels from the ground. Burning fossil fuels releases gases into the atmosphere and they are the main cause of climate change.

There are many negative effects of climate change. An increase in our atmosphere's average temperature has caused glaciers and ice shelves to melt and this has raised the sea level. A rising sea level will harm the habitats of wildlife and put coastline communities in danger of flooding, storm surges, or they may even disappear into the ocean! In the past 40 years, there have been many extreme weather related events. For example, the devastating wildfires in many countries like Australia were partly caused by severe drought. There have also been many deaths related to long heat waves, flooding, and super storms like severe hurricanes and typhoons. Scientists also worry about the negative effect of damage to the ozone layer. The ozone layer is a thin layer of ozone gas high up in the atmosphere that protects the earth from damaging UV-B radiation from the sun. There are now holes in the ozone layer caused by climate change and UV-B ray exposure can damage our eyes and skin (cancer), damage plants, and kills important plankton in the ocean. Climate change is causing many problems on earth.

Is there a solution so that we can slow down or stop climate change? One of the best ways to fight climate change is to reduce the amount of carbon dioxide that is put into the atmosphere. We can reduce carbon dioxide by burning less fossil fuels, using different forms of energy such as waterpower, wind power, or solar power. Governments around the world can make changes in their own countries. In 2015, 195 countries signed an agreement called the Paris Agreement to promise to set goals and explain how they will fight climate change. Sadly, many countries are not meeting their goals. Maybe one of the best solutions is simply planting more trees. Trees use carbon dioxide and if there are enough trees planted then they could absorb a lot of the carbon dioxide produced by humans. People around the world need to look for solutions to climate change.

Human activities have caused the temperature in our atmosphere to increase and our weather patterns to change. This effect is known as climate change. The human activity that is most to blame for causing climate change is the burning of fossil fuels. Rising sea levels and extreme weather are the most dramatic negative effects of a changing climate. People all over the world need to work on limiting the damage to our atmosphere and find solutions that limit the use of fossil fuels. Climate change is real and countries around the world need to work together to make positive changes.