

DATE: _____

English Essay

Climate Change

Causes & Consequences

Brain Storming

Climate Change , Greenhouse gases & effect , Burning of fossil fuel, deforestation, industrialization, Transportation, Aerosols, CFCs, floods drought , smog , Dengue , Malaria, Femine , Heatwaves , 3R-strategy, Awareness

Outline :

1) Introduction:

- a) While the Earth's climate has changed throughout the history, the current warming is happening at a rate not seen in the past 10,000 years.
- b) What is climate change?
- c) The man caused climate change has various effects

that pose serious threats to life on earth and everything within this eco-system.

2) Causes :

a) Human Activities

- Burning of fossil fuels : Green house gases
- Deforestation
- Industrialization
- Agricultural Practices

b) Natural Phenomenas

- Volcanic Eruptions

3) Evidences of Climate Change:

a) Rising Temperature

b) Ocean Warming

c) Sea Level Rise

d) ~~Ice~~ Ice Melting

4) Effects :

a) Impact on Weather

- Heatwaves and Extreme temperature

b) Impact on Eco-system

- Disruption in Agriculture
- Forest loss due to deforestation and wildfires

→ Natural disasters

- Drought
- Famine
- Floods

c) Impact on Humans

- Health issues (Heatstroke, dengue & malaria)
- Migration and Conflict
- Ozone depletion (UV rays & skin issues)

5) How to deal with climate change?

a) Mitigation: Actions aimed to reduce the causes of climate change

- Reduce Greenhouse gases
- Promote Renewable energy
- Afforestation

b) Adaption to changes

- Building defenses
- Efficient use of resources

c) Raising Awareness

6) Conclusion