

Climate Change Questions (extra credit assignment)

Instructions: Answer the following questions in detail; explain your thoughts and give specific examples. Students should use the infographics as a starting point but will need to use google to find credible sources to further their knowledge (ex. Government websites, legitimate news sources and academic articles).

1. What does GHG stand for? How do humans produce GHGs?
2. Define Climate Change. How do humans contribute to climate change?
3. How do Canadians contribute to climate change? (*consider gross and per capita emissions*).
4. Despite the known problems with fossil fuels, countries have struggled to reduce their emissions. Why is it difficult to stop using fossil fuels? *Consider your own lifestyle*.
5. What are the impacts of climate change on the Canada's biodiversity and environment? (*Discuss 3*)
6. What are the impacts of climate change on the Canada's economy and health? (*Discuss 3*)
7. What is mitigation? How can we mitigate climate change?
8. What is adaptation? How can we adapt to climate change?
9. What strategies could we use in our community to mitigate climate change?
10. In your opinion, is Canada's carbon tax an effective mitigation policy? If not, suggest an alternative policy! (Please support your answer with sources).