

Climate Change – Our Permafrost Past, Present and Future



DISCUSSION QUESTIONS CARD

1. What is climate change?

2. What are greenhouse gases (GHG) and what role do they play in climate change?

3. How do we contribute to GHG emissions in Canada and worldwide? Consider factors such as individual lifestyle choices, social trends and industries.

4. Brainstorm ideas on how you can limit your contributions to climate change. What is a carbon footprint and how can you reduce yours?

5. What is permafrost?

6. How does climate change affect permafrost and what potential consequences can these effects have for permafrost regions?

7. Choose one of the following ecosystems: forest, Arctic or marine. Can you describe in detail how it is being affected by climate change?

8. How can scientific research be combined with traditional knowledge in northern communities to create a mitigation approach to climate change?

9. Why is there a debate about the existence of climate change? What factors may influence a person's decision or ability to reduce their carbon footprint?
