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# Station 6 Worksheet: The Arctic

After watching the video about the fight for the Arctic, what are some key points the narrator is trying to tell you? How has climate change affected society’s actions towards the arctic region? What is the only legal way for Canada to extend its territory in the battle for the north?

**Climate change affected society’s actions because now that the ice has melted, energy resources such as oil and gas are becoming available for mining. The only legal way for Canada to extend its territory is to scientifically prove that Canada’s continental shelf actually extends all the way to the North Pole.**

Read the 2 pager about permafrost. What is permafrost? Why is it important for permafrost to not melt?

**Permafrost= frozen soil. It’s important for it not to melt because if it melts, the soil turns really boggy and musky releasing CO2 into the atmosphere causing a global warming effect.**

What type of mountain are the Innuitian Mountains?

**Fold Mountains**

Describe the topography, climate, and vegetation of the region:

1. Topography:

**Very flat landscape.**

**Fold mountains.**

**Glaciers.**

1. Climate:

**Very severe climate.**

**10 month winters,**

**Short summers and not very warm.**

**Like a desert because very little precipitation.**

1. Vegetation:   
   **Small shrubs, mosses, and lichens**

Bonus: If you have time Watch the video <https://www.youtube.com/watch?v=hC3VTgIPoGU> and <https://www.youtube.com/watch?v=cMfeWyVBidk> . You will be able to see how every day pop culture has taken real life issues/scenarios and transform these types of events to something enjoyable to all audiences with hopes to reaching out to as many people as possible.