**Natural Systems Summative**

Task: Create an infographic for a province/territory based on its physical characteristics and what each province/territory might have to confront in the face of ongoing Climate Change and severe weather.

**Part A:**

1. Using the infographic template provided, locate and label the following:
   1. Major Rivers (as per physical map requirements)
   2. Major Lakes (as per physical map requirements)
   3. Mountain Ranges (as per physical map requirements)
   4. Islands (as per physical map requirements)
   5. Oceans, Gulfs, Bays, Straits (as per physical map requirements)
2. In a creative yet organized fashion, provide information on the following and locate them on your map:
   1. Landform regions (both general and specific)
   2. Vegetation regions
   3. Soil regions
   4. Climate regions
3. Give a definition of Ecozone and create a list of the ones in your province/territory. Locate and communicate where they are (for e.g. “Taiga Plains are in the Northwest corner of the province”)
4. In a creative yet organized fashion, provide information based on our discussions of Canada’s geology. I.e.: rock types (both general and specific types), geologic eras, tectonic plates that can be found in your province/territory

**Part B:**

Research and communicate the impact that **climate change** and **extreme weather** will have on the physical and human systems of your province/territory.

1. Google “Climate Change” and then your province’s name (e.g. “Climate Change, P.E.I.”)
2. Provide a brief description of **three** specific examples of climate change that your province/territory is dealing with. (Egs could include increased risk of flooding, forest fires, insect infestations, algae blooms in water, longer growing seasons, and drought.)
   1. For eg: Larger tornadoes are touching down, like the one that touched down near Tilston in July 2015 (CBC).
   2. Don’t forget to provide a citation for where you got your information from!
3. Locate and label where these extreme weather events are happening and provide a visual for the event. This can either be an actual picture of the event or a drawing.

**Part C:**

1. Using the graphic organizer provided, gather the essential information from the first five websites that are listed and create a proper citation for each.
2. Briefly analyze the websites and critique them. Which ones are useful? Which ones aren’t? Why have you come to the conclusion you have? This part requires you to use the skills developed in our Web Cred activity in the library at the beginning of the year.
   1. Use <https://moz.com/researchtools/ose/> ; [wholinks2me.com](http://www.wholinks2me.com/) ; [Alexa.com](http://www.alexa.com/) to analyze the websites
3. Write a structured paragraph addressing the following question: “Should we trust a web source just because it is in the top five on a google search?”

**Final Product:**

1. The infographic, based on the template handed out in class. All of the required information must be on the infographic.
2. Your graphic organizer and References list which includes the five sources from your organizer and any other sources used for your infographic.
3. Your website analysis and structured paragraph.