

Assignment #3: Sculpted Society – Full Description

Due Date: Thursday, December 13 (beginning of class)

This project will give you the chance to have your voice heard! Select a topic below and create a sculpture that displays **your** opinions, concerns, ideas and thoughts on that topic. You will also write one paragraph explaining why you chose the topic and how your sculpture represents your opinion on the topic.

Topic Options:

Taken from Environment Canada website

- A. **Air:** The air we breathe is an important factor in our quality of life, and Canadians rank air pollution issues among their main environmental concerns. Although we enjoy good air quality when compared to many other countries, evidence gathered over the last ten years has increased concerns about the health effects of air pollutants.
- B. **Climate Change:** The international scientific community agrees that there has been a significant change in global climate in recent years. Human activities – particularly the burning of fossil fuels for transportation and industrial processes – emit greenhouse gases (GHGs) that trap heat in the atmosphere. As well, we have cleared more and more land for human use, resulting in the loss of forests and wetlands that absorb and store greenhouse gases. As a result, we have enhanced the natural greenhouse effect to the point that it has the potential to warm the planet at a rate that has never been experienced in human history.
- C. **Habitat and Wildlife:** Canada is the second largest country in the world, and is home to many globally important ecosystems, including 25 per cent of the world's wetlands and boreal forests. Canada is also home to approximately 70 000 known wild species of plants and animals, of which more than 500 are listed as being [Species At Risk](#) in Canada. The regions with the most endangered or threatened species are those in which humans have had the greatest impact on the environment. Human activities that result in environmental contamination, over-harvesting and excessive trade, climate change and the presence of [invasive species](#) are major threats to species and their habitats.
- D. **Pollution & Waste:** Over-crowded garbage dumps, contaminated sites, acid rain and polluted air and water. Along with industry, the everyday actions of individuals – such as driving, yard work, home energy and home water use – are major causes of waste and pollution in Canada.
- E. **Water:** Effective management of our vast freshwater resources and prevention of water pollution are essential to ensuring the health and wellness and to protecting Canada's ecosystems. Human actions – such as wasteful amounts of water use and improper disposal of toxic chemicals – can affect both the quality and quantity of Canada's water.

Are you concerned about a topic that is **not** listed above? Come and talk to me if you want to explore a different issue. All topics **must be approved by instructor**.