

Building Liveable and Sustainable Communities Inquiry Research

Part A: Assessing sustainability

Your Task

- Students will be assigned a region in Canada according to the numbered regions on the map below.
- Students will look up this region on google earth to identify the important structures and landforms
- Students will assess the sustainability of this area according to “SMART growth/sustainable liveable communities”
- Students will develop criteria for sustainability and fill in a chart, this will help them to assess the sustainability of the community.
- Students will include MLA citations for all their academic resource.

Each group member must fill in **one** criteria on the chart for science and **one** criteria on the chart for Geography. You will be assigned an Innovator number (on a separate handout) that will indicate which part of the charts you are filling in. Use the guiding questions given with your innovator number to help you fill in the chart below. You will need to include at least 3 specific ideas/examples for each criteria you are assigned in both charts. This will require academic research, you may use the library website, resources, databases and your textbooks. You are required to include MLA citations for all your research material.

Science

Criteria	Evidence of this in your current community	Improvements/suggestions to make it more sustainable
Biodiversity and ecological Protection		
Resources Use- Water		
Energy Consumption and Creation		
Waste Management		
Agricultural Practices		

Geography

Criteria	Evidence of this in your	Improvements/Suggestions to
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Use prompting questions from chart	community	make things more sustainable.
Urban Design		
Local Economic Opportunities		
Sustainable Transportation		
Liveable Communities		
Climate Adaptations		