



Canadian Geography 2202

Unit 1: The Natural Environment (Understandings 2.1.1, 2.1.2, and 2.1.3)

The student of Canadian Geography 1202 will examine the vast, physically diverse, and northern character of Canada. These characteristics have an impact upon life in Canada, whether it is felt in the types of land activities which are carried on, or reflected in the distribution of population.

Specific Curriculum Outcomes

1.4 Students will describe major landforms and water forms in Canada

2.1 Students will identify the basic elements which make up weather and climate patterns

2.3 Students will analyze how wind systems affect climate in Canada

2.4 Students will examine the influence of ocean currents on climate in Canada

Suggested Teaching and Learning Strategies:

Introduction to Oceanography and Planktology presentation Resource

Ocean Currents Activity

Thermohaline Activity

Unit 2: Natural Resources (Understandings 2.1.4 and 2.1.5)

Canada has a vast storehouse of resources for the responsible use of Canadians. These resources are neither limitless nor evenly distributed, however, and what is a resource depends upon the needs and wants of Canadians, their attitudes, and the types of extractive technologies available. Resource utilization requires responsible but difficult choices since they affect the quality of life of Canadians.

Specific Curriculum Outcomes

4.2 Students will examine the main features of the types of farming carried on in Canada (no section on fish farming, only terrestrial plant and animals)

5.2 Students will examine selected activities associated with the harvesting of the fish resource

5.3 Students will reflect upon issues related to a sustainable fishery (general aquaculture, how aquaculture is way more sustainable than wild fishery)

Suggested Teaching and Learning Strategies:

General Aquaculture Presentation Resource, concentrating on the sustainability section and the statistics on aquaculture role in filling the gap made by the wild fishery

Myths and realities of Aquaculture

Map of aquaculture sites and species in Canada

Map of aquaculture sites and species in Newfoundland

Ocean Market Activity

Canada's Sustainable Fish and Seafood

5.1 Students will identify selected features of commercial fish habitats

Suggested Teaching and Learning Strategies:

With mention of the plankton and zooplankton the second section of the Oceanography and Planktology Presentation Resource would be useful as well as the General Aquaculture Presentation Resource_(section with the mussel life cycle.)

Handbook of Mussel Farm Site Monitoring and Enhancing the Seed Production Resource

Newfoundland Plankton Resource

Energy Flow of a Mussel Farm Activity

Make a Plankton Net Activity

Make a Plankton Viewer Activity

(A field trip to use the plankton net and viewer is an option, making the net going to the wharf and collecting samples and viewing the samples in the viewers either in the field or back in the classroom and microscopy if available. Try to ID some plankton.