



the BC Spaces for Nature Wilderness Education Program

NATURE IS OUR CLASSROOM!

CURRICULUM OUTLINE FOR TEACHERS Junior High (Grades 8, 9 & 10)



Topic KNOWING AND CARING FOR OUR WILDERNESS

Thank you for your interest in WildED. The following is an outline for our junior high in-school presentation and how this syllabus links to BC's curriculum.

Program Objective

WildED's specially designed in-school activities, nature hikes, and teacher workshops provide students and teachers with:

- Wonder** to inspire a personal connection with wilderness
- Education** to understand and appreciate the importance of the natural world
- Power** to take action in preserving and conserving our wild places

Overview

British Columbia is a part of Canada's cordillera region, which is a place of diverse landscapes and species. This presentation's spectacular slides of our amazing geographic regions, including temperate rain forests, windward coasts and ocean, wetlands, rivers, alpine tundras, and much more, will "wow" students. Students will also be introduced to the incredible variety of species that have adapted specially to inhabit BC's wilderness areas.

Students will learn how their own lives are linked to wildlife and wild areas through topics such as: the human influence on the carbon cycle; nature, a source of clean air and water; and consumption and resource extraction and their effects on ecosystems.

Through problem based learning, students will be challenged to critically evaluate current issues of sustainability, resource management, and conservation in BC. Most importantly, students will have fun and be inspired to want to learn more about BC wilderness and to "get out there" to make their own personal connections with the natural world.

Links to Learning Outcomes

Science 8

Earth and Space Science: Water Systems on Earth

- describe how water and ice shape the landscape

Science 10

Life Science: Sustainability of Ecosystems

- explain the interaction of abiotic and biotic factors within an ecosystem
- assess the potential impacts of bioaccumulation
- explain various ways in which natural populations are altered or kept in equilibrium

Earth and Space Science: Plate Tectonics

- analyse the processes and features associated with plate tectonics

Social Studies 9

Environment: Europe and North America from 1500 to 1815

- describe and compare North America's diverse geographical regions

Social Studies 10

Environment: Canada from 1815 to 1914

- describe the physiographic regions of Canada and the geological processes that formed these regions
- evaluate attitudes and practices in resource development in British Columbia from 1815 to 1914 and their impact on contemporary resource management

Actual lesson plans can vary according to group age, size, time constraints, and by request.