



the BC Spaces for Nature Wilderness Education Program

NATURE IS OUR CLASSROOM!

## CURRICULUM OUTLINE FOR TEACHERS Late Intermediate (Grades 6 and 7)



### Topic ECOSYSTEMS: LIFE ON THE WILD SIDE

Thank you for your interest in WildED. The following is an outline for our Late Intermediate level 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

What are ecosystems? What do they look like from a pair of hiking boots, a sea kayak, or a set of backcountry skis? Students take a virtual tour into BC's wilderness areas to explore some of our amazing natural communities. Through spectacular slides students come face-to-face with amazing plants and animals that are specially adapted to survive in BC environments.

Games and hands on activities help students understand the importance of keystone species, how food webs function, types of interactions between species, the cycling of nutrients, and the interdependence of life. Through problem-based learning, students are challenged to critically evaluate current BC issues in sustainability, resource management, and conservation. Most importantly, students have fun and are inspired to want to learn more about BC wilderness and get out there to make their own personal connections with our wild areas.

#### Links to Learning Outcomes

##### Grade 6

Science:

- analyse how different organisms adapt to their environments
- demonstrate the appropriate use of tools to examine living things that cannot be seen with the naked eye

Social Studies:

- interpret graphs, tables, aerial photos, and various types of maps

##### Grade 7

Science:

- analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems
- assess survival needs and interactions between organisms and the environment
- assess the requirements for sustaining healthy local ecosystems
- evaluate human impacts on local ecosystems

Social Studies:

- use various types of graphs, tables, timelines, and maps to obtain or communicate information

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