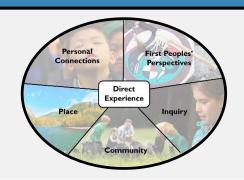


## Field School: Study & Activity Overview

Field School offers students the opportunity to immerse themselves in educational experiences that are inspired by nature. Designed around 5 <u>guiding principles</u>, our curriculum-based programs seek to connect students to themes of Place, Inquiry, Community, Personal Connections and First Peoples' Perspectives. Most importantly, Field School is about engaging learners in fun and meaningful ways that foster understanding and care for our world.



Study	Symbol	Description	Hands-on elements				
Salmon		Explore the extraordinary life cycle of salmon in extensive onsite spawning and rearing habitat.	<ul> <li>Catch and release salmon fry/smolts from streams</li> <li>Examine live salmon fry and adult specimens using different instruments in the hatchery</li> <li>Wade in active streams and learn first-hand about stream dynamics and natural habitats</li> </ul>				
Forest	A STATE OF THE STA	Investigate the biodiversity and interconnectedness of a temperate rainforest ecosystem using our extensive trail network.	<ul> <li>Hug (and measure!) an ancient old-growth Cedar tree</li> <li>Learn how to use your senses to explore a range of forest features</li> <li>Share and discuss local First Nations legends and teachings that relate to the traditional knowledge of the area</li> </ul>				
Pond	The same of the sa	Sample and examine the organisms that live in an aquatic ecosystem using dip nets, microscopes, viewing trays and other tools.	<ul> <li>Explore different features of an active pond ecosystem</li> <li>Sample and examine a range of invertebrates</li> <li>Identify different organisms and how they contribute to the health and diversity of the posystems</li> </ul>				
Farm	2	Explore through the senses, the connection between farms, kitchen gardens, domesticated animals and humans.	<ul> <li>Collect freshly laid eggs and check the progress of recently hatched chicks</li> <li>Get face to face with 200kg+ adult pigs and their offspring; handle, groom and learn about to role of goats in farming practices</li> <li>Sample fresh produce and honey and connect first hand with the farm to table process</li> </ul>				
Birds & Wildlife		Observe seasonal and migratory birds and wildlife; explore adaptations, physiology and interactions of wildlife.	<ul> <li>Examine close-up a wide range of bird and habitat specimens and artifacts</li> <li>Compare adaptations of different animals using binoculars and other tools and technolog</li> <li>Share and discuss local First Nations legends and teachings that relate to the traditional knowledge of the area</li> </ul>				
Recreation	7	We offer a range of recreational activities designed to develop teamwork, communication and problem-solving skills in a fun, cooperative outdoor learning environment. Activities include hiking, canoeing, challenge course, archery, animal tracking and more.					

<sup>\*</sup> Look for the symbol on the next page to find the BC curriculum highlights.

## CHEAKAMUS

## **BC** Curriculum: Field School's Big Idea Highlights

Grade 4		Grade 5		Grade 6		Grade 7	
All life is interdependent with its environment. (Sc)	→ ★ ★ ↓	Multicellular organisms have organ systems that enable them to survive and interact with their environment. (Sc)		Multicellular organisms rely on internal systems to survive, reproduce, and interact with their environment. (Sc)		The theory of evolution by natural selection provides an explanation for the diversity and survival of living things. (Sc)	<b>♦</b>
Energy comes in a variety of forms that can be transferred from one object to another. (Sc)	<b>♦</b> • <b>* * *</b>	Humans use earth materials as natural resources. (Sc)		Exploring and sharing multiple perspectives extends our thinking. (ELA)	<b>♦ ★</b> ※	Earth and its climate have changed over geological time. (Sc)	<b>♥ ↓ ※ ↓</b>
The pursuit of valuable natural resources has played a key role in changing the land, people, and communities of Canada. (SS)	<b>₽</b> ■ <b>₽</b>	Natural resources continue to shape the economy and identity of different regions of Canada. (SS)	***	Geometry and measurement empower us to make meaning of the world. (Ma)	<b>♦</b> ■ ■	Economic specialization and trade networks can lead to conflict and cooperation between societies. (SS)	₩ 🕈
Interactions between First Peoples and Europeans lead to conflict and cooperation, which continues to shape Canada's identity. (SS)  Personal choices and social and environmental factors influence our health and well-being. (PHE)		Personal choices and social and environmental factors influence our health and well-being. (PHE)	*	Daily physical activity enables us to practice skillful movement and helps us develop personal fitness. (PHE)	$\approx$	Geographic conditions shaped the emergence of civilizations. (SS)	•
		We can describe, measure, and compare spatial relationships. (Ma)	¥ +			Exploring and sharing multiple perspectives extends our thinking. (ELA)	*

Sc = Science

SS = Social Studies

ELA = English Language Arts

Ma = Math

PHE = Physical & Health Education