

# RIVER SCHOOL PROGRAM CURRICULAR CONNECTIONS

## From Pollution to Solution

(Grade 2-5)

Students determine how personal choices have environmental consequences by “polluting” a giant model of the Lower Mainland, exploring pollution in our local ecosystems, and brainstorming alternatives to common pollutants. Students will be inspired to be part of the solution by Fin Donnelly’s marathon swims of the Fraser River.

Grade	Subject	Curricular Area	Features
2	Science	Big Ideas	<ul style="list-style-type: none"> <li>Water is essential to all living things, and it cycles through the environment</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Experience and interpret the local environment</li> <li>Identify simple patterns and connections</li> <li>Compare observations with predictions through discussion</li> </ul>
	Social Studies	Big Ideas	<ul style="list-style-type: none"> <li>Local actions have global consequences, and global actions have local consequences</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Recognize the causes and consequences of events, decisions, and developments</li> <li>Make value judgements about events, decisions, and actions and suggest lessons that can be learned</li> </ul>
3	Science	Big Ideas	<ul style="list-style-type: none"> <li>Living things are diverse and can be grouped and interact in their ecosystems</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Make observations about living and non-living things in the local environment</li> <li>Make simple inferences based on their results and prior knowledge</li> <li>Identify some simple environmental implications of theirs’ and others’ actions</li> </ul>
	Social Studies	Big Ideas	<ul style="list-style-type: none"> <li>Local actions have global consequences, and global actions have local consequences</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Recognize the causes and consequences of events, decisions, and developments</li> <li>Make value judgements about events, decisions, and actions and suggest lessons that can be learned</li> </ul>
4	Science	Big Ideas	<ul style="list-style-type: none"> <li>All living things sense and respond to their environment</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Make observations about living and non-living things in the local environment</li> <li>Make simple inferences based on their results and prior knowledge</li> </ul>

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			<ul style="list-style-type: none"> <li>Identify some simple environmental implications of theirs' and others' actions</li> </ul>
	Social Studies	Big Ideas	<ul style="list-style-type: none"> <li>Local actions have global consequences, and global actions have local consequences</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Recognize the causes and consequences of events, decisions, and developments</li> <li>Make value judgements about events, decisions, and actions and suggest lessons that can be learned</li> </ul>
5	Science	Curricular Competencies	<ul style="list-style-type: none"> <li>Experience and interpret the local environment</li> <li>Identify some of the social, ethical, and environmental implications of the finding from their own and other's investigations</li> </ul>
	Social Studies	Big Ideas	<ul style="list-style-type: none"> <li>Local actions have global consequences, and global actions have local consequences</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Recognize the causes and consequences of events, decisions, and developments</li> <li>Make value judgements about events, decisions, and actions and suggest lessons that can be learned</li> </ul>