

# 138 REASONS CURRICULAR CONNECTIONS

## 138 Reasons

(Grade 2-7)

We all know that salmon are important for people, both culturally and economically, but did you know that there are 138 other species that rely on salmon for their survival? Learn all about them through hands-on or eyes-on materials, interactive lessons, as well as a scientific experiment!

Grade	Subject	Curricular Area	Features
2	Social Studies	Big Ideas	<ul style="list-style-type: none"> <li>Local actions have global consequences, and global actions have local consequences.</li> </ul>
	English Language Arts	Big Ideas	<ul style="list-style-type: none"> <li>Through listening and speaking, we connect with others and share our world.</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Use developmentally appropriate reading, listening, and viewing strategies to make meaning</li> </ul>
	Math	Big Ideas	<ul style="list-style-type: none"> <li>The regular change in increasing patterns can be identified and used to make generalizations.</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Use reasoning to explore and make connections</li> </ul>
	Science	Big Ideas	<ul style="list-style-type: none"> <li>Living things have life cycles adapted to their environment.</li> <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>Questioning and predicting</li> <li>Demonstrate curiosity and a sense of wonder about the world</li> <li>Make and record observations</li> <li>Safely manipulate materials to test ideas and predictions</li> <li>Experience and interpret the local environment</li> <li>Compare observations with predictions through discussion</li> <li>Identify simple patterns and connections</li> <li>Compare observations with those of others</li> <li>Identify some simple environmental implications of their and others' actions</li> </ul>	
3	English Language Arts	Big Ideas	<ul style="list-style-type: none"> <li>Stories and other texts help us learn about ourselves, our families, and our communities.</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Use developmentally appropriate reading, listening, and viewing strategies to make meaning</li> </ul>
	Science	Big Ideas	<ul style="list-style-type: none"> <li>Living things are diverse, can be grouped, and interact in their ecosystems.</li> </ul>

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		Curricular Competencies	<ul style="list-style-type: none"> <li>• Questioning and predicting</li> <li>• Safely use appropriate tools to make observations and measurements, using formal measurements and digital technology as appropriate</li> <li>• Reflect on whether an investigation was a fair test</li> <li>• Demonstrate an understanding and appreciation of evidence</li> <li>• Identify some simple environmental implications of their and others' actions</li> </ul>
	Math	Big Ideas	<ul style="list-style-type: none"> <li>• Regular increases and decreases in patterns can be identified and used to make generalizations.</li> </ul>
	Arts Education	Curricular Competencies	<ul style="list-style-type: none"> <li>• Apply learned skills, understandings, and processes in new contexts</li> </ul>
4	Math	Big Ideas	<ul style="list-style-type: none"> <li>• Regular changes in patterns can be identified and represented using tools and tables.</li> </ul>
	English Language Arts	Big Ideas	<ul style="list-style-type: none"> <li>• Exploring stories and other texts helps us understand ourselves and make connections to others and to the world.</li> </ul>
	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>• Questioning and predicting</li> <li>• Safely use appropriate tools to make observations and measurements, using formal measurements and digital technology as appropriate</li> <li>• Make observations about living and non-living things in the local environment</li> <li>• Collect simple data</li> <li>• Experience and interpret the local environment</li> <li>• Compare results with predictions, suggesting possible reasons for findings</li> <li>• Reflect on whether an investigation was a fair test</li> <li>• Demonstrate an understanding and appreciation of evidence</li> <li>• Identify some simple environmental implications of their and others' actions</li> </ul>
Arts Education	Curricular Competencies	<ul style="list-style-type: none"> <li>• Adapt learned skills, understandings, and processes for use in new contexts and for different purposes and audiences</li> </ul>	
5	English Language Arts	Big Ideas	<ul style="list-style-type: none"> <li>• Exploring stories and other texts helps us understand ourselves and make connections to others and to the world.</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>• Use a variety of comprehension strategies before, during, and after reading, listening, or viewing to guide inquiry and deepen understanding of text</li> </ul>

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	Arts Education	Curricular Competencies	<ul style="list-style-type: none"> <li>Adapt learned skills, understandings, and processes for use in new contexts and for different purposes and audiences</li> </ul>
	Science	Curricular Competencies	<ul style="list-style-type: none"> <li>Questioning and predicting</li> <li>Make observations in familiar or unfamiliar contexts</li> <li>Observe, measure, and record data, using appropriate tools, including digital technologies</li> <li>Use equipment and materials safely, identifying potential risks</li> <li>Experience and interpret the local environment</li> <li>Identify patterns and connections in data</li> <li>Compare data with predictions and develop explanations for results</li> <li>Evaluate whether their investigations were fair tests</li> <li>Identify possible sources of error</li> <li>Demonstrate an understanding and appreciation of evidence</li> </ul>
6	Math	Big Ideas	<ul style="list-style-type: none"> <li>Data from the results of an experiment can be used to predict the theoretical probability of an event and to compare and interpret.</li> </ul>
	English Language Arts	Big Ideas	<ul style="list-style-type: none"> <li>Exploring stories and other texts helps us understand ourselves and make connections to others and to the world.</li> </ul>
	Arts Education	Big Ideas	<ul style="list-style-type: none"> <li>Dance, drama, music, and visual arts are each unique languages for creating and communicating.</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Adapt learned skills, understandings, and processes for use in new contexts and for different purposes and audiences</li> </ul>
	Science	Big Ideas	<ul style="list-style-type: none"> <li>Everyday materials are often mixtures</li> </ul>
Curricular Competencies		<ul style="list-style-type: none"> <li>Consider ethical responsibilities when deciding how to conduct an experiment</li> <li>Experience and interpret the local environment</li> <li>Use equipment and materials safely, identifying potential risks</li> <li>Decide which variable should be changed and measured for a fair test</li> <li>Observe, measure, and record data, using appropriate tools, including digital technologies</li> </ul>	
7	Arts Education	Big Ideas	<ul style="list-style-type: none"> <li>Dance, drama, music, and visual arts are each unique languages for creating and communicating.</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>Adapt learned skills, understandings, and processes for use in new contexts and for different purposes and audiences</li> </ul>

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	English Language Arts	Big Ideas	<ul style="list-style-type: none"> <li>• Exploring stories and other texts helps us understand ourselves and make connections to others and to the world.</li> </ul>
	Science	Big Ideas	<ul style="list-style-type: none"> <li>• Everyday materials are often mixtures</li> </ul>
		Curricular Competencies	<ul style="list-style-type: none"> <li>• Consider ethical responsibilities when deciding how to conduct an experiment</li> <li>• Experience and interpret the local environment</li> <li>• Use equipment and materials safely, identifying potential risks</li> <li>• Decide which variable should be changed and measured for a fair test</li> <li>• Observe, measure, and record data, using appropriate tools, including digital technologies</li> <li>• Reflect on their investigation methods, including the adequacy of controls on variables (dependent and independent) and the quality of the data collected</li> <li>• Suggest ways to plan and conduct an inquiry to find answers to their questions</li> </ul>