

# NEW BRUNSWICK CURRICULUM CONNECTIONS

Grade	Subject	Coding Change Sessions	Curriculum Outcomes
K-12	Technology Education	Session 1 Session 2 Session 3 Session 5 Session 4 Session 6	<ul style="list-style-type: none"> <li>Assess social, cultural, economic, and environmental interdependence in a local and global context</li> <li>Use a variety of technologies, demonstrate an understanding of technological applications, and apply appropriate technologies for solving problems</li> </ul>
4	Physical Education	Session 2 Session 3 Session 4 Session 5 Session 6	<ul style="list-style-type: none"> <li>apply movement concepts with variety of movement activities</li> <li>select emotional and social skills that apply to the learning and performance of physical activity outdoors</li> </ul>
4	Science	Session 2 Session 3 Session 4 Session 6	<ul style="list-style-type: none"> <li>propose questions to investigate and practical problems to solve</li> <li>compare the structural features of plants that enable them to thrive in different kinds of places</li> <li>predict how the removal of a plant or animal population affects the rest of the community</li> </ul>
4	Social Studies	Session 3 Session 4 Session 5 Session 6	<ul style="list-style-type: none"> <li>Examine the relationship between humans and the physical environment</li> </ul>
4-5	Math	Session 3 Session 4 Session 5 Session 6	<ul style="list-style-type: none"> <li>explore possibilities and to take risks in order to succeed</li> <li>use technology to explore and learn new ideas.</li> <li>solve problems.</li> <li>think logically and critically.</li> </ul>
Grade	Subject	Coding Change Sessions	Curriculum Outcomes
5	Physical Education	Session 2 Session 3 Session 4 Session 5 Session 6	<ul style="list-style-type: none"> <li>Refine movement concepts with a variety of movement activities</li> <li>model emotional and social skills that apply to the learning and performance of physical activity</li> </ul>
5	Science	Session 2 Session 3 Session 4	<ul style="list-style-type: none"> <li>propose questions to investigate and practical problems to solve</li> </ul>

		Session 6	<ul style="list-style-type: none"> <li>demonstrate and describe processes for investigating scientific questions and solving technological problems</li> </ul>
Grade	Subject	Coding Change Sessions	Curriculum Outcomes
6	Health	Session 2 Session 3 Session 4 Session 5	<ul style="list-style-type: none"> <li>Identify and describe various environmental factors that affect our health</li> <li>describe the domains of wellness and identify strategies for promoting their own wellness</li> <li>identify strategies for promoting nutrition and physical activity</li> <li>identify how environments influence health choices</li> </ul>
6	Physical Education	Session 2 Session 3 Session 4 Session 5 Session 6	<ul style="list-style-type: none"> <li>Participation and self motivation</li> <li>Applying fitness concepts towards the development of a personal fitness plan</li> <li>Goal setting and action planning</li> </ul>
6	Science	Session 2 Session 3 Session 4 Session 6	<ul style="list-style-type: none"> <li>propose questions to investigate and practical problems to solve</li> <li>identify new questions or problems that arise from what was learned</li> </ul>
6	Social Studies	Session 2 Session 3 Session 4 Session 6	<ul style="list-style-type: none"> <li>analyze the importance of cross-cultural understanding</li> <li>Compare climate and vegetation in different types of physical regions of the world</li> <li>Compare the use of resources and sustainability practices between Canada and a selected country</li> <li>Analyze the effects of distribution on wealth around the world</li> <li>Take age appropriate actions to demonstrate an understanding of responsibilities as global citizens</li> </ul>
Grade	Subject	Coding Change Sessions	<ul style="list-style-type: none"> <li>Curriculum Outcomes</li> </ul>
7	Health	Session 2 Session 3 Session 4 Session 5	<ul style="list-style-type: none"> <li>identify strategies for promoting their own wellness</li> </ul>
7	Science	Session 2 Session 3 Session 4 Session 6	<ul style="list-style-type: none"> <li>provide examples of scientific knowledge that have resulted in the development of technologies</li> <li>describe the role of collecting evidence, finding relationships, and proposing explanations in the development of scientific knowledge</li> <li>compare various instruments used to measure temperature</li> </ul>
6	Social Studies	Session 2 Session 3	<ul style="list-style-type: none"> <li>Investigate the various ways economic systems empower or disempower people</li> </ul>

		Session 4 Session 6	<ul style="list-style-type: none"> <li>Analyze trends that could impact future economic empowerment</li> <li>Analyze the effects of distribution on wealth around the world</li> <li>Take age appropriate actions to demonstrate an understanding of responsibilities as global citizens</li> </ul>
Grade	Subject	Coding Change Sessions	Curriculum Outcomes
8	Health	Session 2 Session 3 Session 4 Session 5	<ul style="list-style-type: none"> <li>identify strategies for promoting their own wellness</li> <li>identify factors that enhance health or that cause illness</li> <li>practice positive decision making as it relates to self and others</li> </ul>
8	Science	Session 2 Session 3 Session 4 Session 6	<ul style="list-style-type: none"> <li>carry out procedures in order to investigate how temperature differences in water cause currents</li> <li>describe situations in daily life where the density of substances naturally changes or is intentionally altered</li> </ul>
8	Social Studies	Session 2 Session 3 Session 4 Session 6	<ul style="list-style-type: none"> <li>identify the basic weather and climatic patterns of Atlantic Canada</li> <li>demonstrate an understanding of the nature of cultural, ethnic, and linguistic groups in Atlantic Canada</li> <li>demonstrate an understanding of the local and global forces that cause cultures to constantly change</li> <li>demonstrate an understanding of how technology has affected employment and the standard of living in Atlantic Canada</li> <li>analyze how technology affects transportation and communications in the Atlantic region</li> </ul>
Grade	Subject	Coding Change Sessions	Curriculum Outcomes
9	Health and Physical Education	Session 2 Session 3 Session 4 Session 5	<ul style="list-style-type: none"> <li>Differentiate between the benefits of active living and physical fitness development, based on the wellness continuum</li> <li>Develop a personal plan for healthy active living</li> </ul>
9	Science	Session 2 Session 3 Session 4 Session 6	<ul style="list-style-type: none"> <li>explore and communicate current understanding of local, regional and global environmental issues.</li> <li>identify links between personal behavior and local, regional and global environmental issues.</li> <li>identify ways to measure environmentally sustainable behaviours, and describe links to economic and social factors.</li> <li>identify individual impacts on the environment using the concept of ecological footprint.</li> </ul>

9	Social Studies	Session 2 Session 3 Session 4 Session 6	<ul style="list-style-type: none"> <li>• Students will be expected to demonstrate an understanding of the interactions among people, places and the environment</li> <li>• Students will be expected to demonstrate the ability to make responsible economic decisions as individuals and as members of society.</li> <li>• Students will be expected to demonstrate an understanding of the interdependent relationship among individuals, societies, and the environment – locally, nationally, and globally – and the implications for a sustainable future.</li> </ul>
9	Computer Science	Session 1 Session 2 Session 3 Session 5 Session 4 Session 6	<ul style="list-style-type: none"> <li>• Students will create repeatable solutions to manageable challenges.</li> <li>• Students will represent, collect and manage data to accomplish a task</li> <li>• Students will analyze opportunities for modular code and create artifacts that use loops and other techniques that reuse code.</li> </ul>

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