

## **NOVA SCOTIA CURRICULUM CONNECTIONS**

Grade	Subject	Coding Change Sessions	Curriculum Outcomes
4	Health	Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>demonstrate an awareness that values are an integral part in making healthy decisions and fostering healthy behaviour</li> <li>demonstrate an awareness of the link between positive self-identity and making healthy decisions that affect relationships and care of self</li> <li>explore the relationship between sustainable development and health</li> </ul>
4	Physical Education	Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>Analyse the physiological indicators that accompany moderate to vigorous physical activity and adjust their activity accordingly</li> <li>Analyse the benefits of physical activity, including how physical activity contributes to academic success.</li> <li>Analyse the use of cues in improving motor skills and movement patterns</li> <li>Implement mind-body exercises</li> <li>Apply navigation skills while orienteering outdoors</li> </ul>
4	Science	Session 2 Session 3 Session 4 Session 6	<ul> <li>Learners will hone their skills of questioning, observation, cause and effect, as well as drawing conclusions from evidence.</li> <li>Investigate the impact of environmental factors on sound</li> <li>Measure sounds in the environment using probeware</li> <li>Investigate the water cycle</li> <li>Measure weather conditions using instruments and probeware</li> </ul>
4	Social Studies	Session 3 Session 4 Session 5 Session 6	<ul> <li>Investigate the relationship between exploration and innovation</li> <li>Investigate how humans interact with the physical environment, with a focus on Canadian Aboriginal perspective</li> <li>Question the impact that humans have on the environment</li> <li>Investigate how the physical environment impacts where people live and how they live</li> </ul>





Grade	Subject	Coding Change	Curriculum Outcomes
5	Health	Sessions Session 2 Session 3 Session 4 Session 5	Examine relationships in their lives that promote positive health outcomes and those that interfere with learning, relationship building/friendship, or quality of life at home
5	Physical Education	Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>Analyse the physiological indicators that accompany moderate to vigorous physical activity and adjust their activity accordingly</li> <li>Analyse the benefits of physical activity, including how physical activity contributes to academic success.</li> <li>Analyse the use of cues in improving motor skills and movement patterns</li> <li>Implement mind-body exercises</li> <li>Apply navigation skills while orienteering outdoor</li> </ul>
5	Science	Session 2 Session 3 Session 4 Session 5	<ul> <li>Analyse ways to maintain health body systems</li> <li>Investigate the function and structure of body systems and how they are interconnected</li> </ul>
Grade	Subject	<b>Coding Change</b>	Curriculum Outcomes
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6	Health	Session 2 Session 3 Session 4 Session 5 Session 6	Identify responsibilities of global citizenship and take age- appropriate action to address a global health issue
6	Physical Education	Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>Analyse the physiological indicators that accompany moderate to vigorous physical activity and adjust their activity accordingly</li> <li>Analyse the benefits of physical activity, including how physical activity contributes to academic success.</li> <li>Analyse the use of cues in improving motor skills and movement patterns</li> <li>Implement mind-body exercises</li> <li>Apply navigation skills while orienteering outdoors</li> </ul>
6	Science	Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>Test series and parallel circuits for movement of electric current</li> <li>Compare renewable and non-renewable energy</li> <li>Investigate types of energy transformation</li> <li>Analyse impact of electrical energy consumption</li> <li>Investigate the characteristics of living things</li> <li>Investigate significant ecological relationships</li> </ul>





6	Social Studies	Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>Analyse actions of local communities to support cross cultural understanding</li> <li>Investigate actions that are being taken to improve cross-cultural understanding</li> <li>Investigate factors that influence sustainability practices</li> <li>Investigate reasons for different perspectives on a sustainability practice between Canada and a selected country</li> <li>Analyse the importance of the rights and responsibilities of being an active global citizen.</li> <li>Analyse various perspectives on a position in relation to a local/national/international issue.</li> </ul>
Grade	Subject	Coding Change	Curriculum Outcomes
7	Health	Sessions Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>Identify relationships between their strength, abilities, and interests and their educational plans</li> <li>Provide leadership among peers and younger schoolages children on active transportation</li> <li>Examine opportunities for physical activity at school, home, and within their community</li> </ul>
7	Science	Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>Identify the roles of producers, consumers, and decomposers in a local ecosystem and describe both their diversity and their interactions</li> <li>Identity questions, investigate, and record collected data on the ecosystems component using materials effectively</li> <li>Identify signs of ecological succession in a local ecosystem and predict its future based on characteristics and succession.</li> </ul>
7-9	Social Studies	Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>Demonstrate and understanding of the rights and responsibilities of citizenship and the origins, functions, and sources of power, authority, and governance</li> <li>Demonstrate an understanding of culture, diversity, and world view, recognizing the similarities and differences reflected in various personal, cultural, racial, and ethnic perspectives</li> <li>Demonstrate ability to make responsible economic decisions as individuals and as members of society</li> <li>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> <li>Demonstrate an understanding of the interactions among people, places, and the environment</li> </ul>





7-9 Grade 8	Technology Education  Subject  Health	Session 2 Session 3 Session 4 Session 5 Session 6  Coding Change Sessions Session 2	<ul> <li>Analyse various perspectives on a position in relation to a local/national/international issue.</li> <li>Work independently, co-operatively, and collaboratively to solve technological problems</li> <li>Demonstrate an awareness of ethics and environmental responsibility in technological discussion making and work habits</li> <li>Document the design process</li> </ul> Curriculum Outcomes Analyse the relationship between values and personal health
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Grade	Subject	Coding Change Sessions	Curriculum Outcomes
9	Health	Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>Assess level of physical activity to determine whether they are active enough to achieve health benefits</li> <li>Examine how people support healthy communities locally and globally, and take age-appropriate action to support a community of health issues of interest to them</li> </ul>
9	Science	Session 2 Session 3 Session 4 Session 5 Session 6	<ul> <li>use instruments effectively and accurately for collecting data</li> <li>make informed decisions and propose a course of action on science, technology, and social issues, including human and environmental needs for electricity and energy</li> </ul>
9	Social Studies	Session 3 Session 4 Session 5 Session 6	<ul> <li>Demonstrate and understanding of the rights and responsibilities of citizenship and the origins, functions, and sources of power, authority, and governance</li> <li>Demonstrate an understanding of culture, diversity, and world view, recognizing the similarities and differences reflected in various personal, cultural, racial, and ethnic perspectives</li> <li>Demonstrate ability to make responsible economic decisions as individuals and as members of society</li> <li>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> <li>Demonstrate an understanding of the interactions among people, places, and the environment</li> </ul>





			<ul> <li>Analyse various perspectives on a position in relation to a local/national/international issue.</li> </ul>
9	Citizenship	Session 3 Session 4 Session 5 Session 6	<ul> <li>Compare rights and responsibilities as current and future citizens</li> <li>Evaluate personal strengths and skills and how these contribute to communities</li> <li>Investigate a global issue from differing perspectives</li> </ul>



