

Yukon Programs Application Form

Application For: Project

Agency/Department: Ocean Wise

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Title: National Dialogue

Grade	Subject	Big Ideas	Curricular Competencies	Content
10	Sciences		Questioning and Predicting Planning and Conducting Processing and analyzing data and information Evaluating Applying and Innovating Communicating	
10	Social Studies	Global and regional conflicts have been a powerful force in shaping our contemporary world and identities The development of political institutions by economic, social, ideological and geographic factors Worldviews lead to different perspectives and ideas about developments in Canadian society	Significance Evidence Continuity and change Cause and consequence Perspective Ethical judgments	Environmental policies Canadian identities (sustainable identities) Advocacy Domestic conflicts and co-operation International conflicts and co-operation
11	Earth Sciences		Questioning and Predicting Planning and Conducting Processing and analyzing data and information Evaluating Applying and Innovating Communicating	Economic and environmental implications of geological resources Changes in the composition of the atmosphere due to natural and human causes Evidence of climate change

				<p>Water as a unique resource</p> <p>Properties of the ocean and the ocean floor</p> <p>Influences of large bodies of water on local and global climates</p> <p>Effect of climate change on water sources</p> <p>Earth is a unique planet</p>
11	Environmental Sciences	<p>Complex roles and relationships contribute to the diversity of ecosystems</p> <p>Humans play a role in stewardship and restoration of ecosystems</p> <p>Changing ecosystems are maintained by natural processes</p> <p>Human practices affect the sustainability of ecosystems</p>	<p>Questioning and Predicting</p> <p>Planning and Conducting</p> <p>Processing and analyzing data and information</p> <p>Evaluating</p> <p>Applying and Innovating</p> <p>Communicating</p>	<p>Abiotic characteristics</p> <p>Levels of biotic diversity</p> <p>Ecosystem complexity</p> <p>Energy flow through ecosystems</p> <p>Benefits of ecosystem services</p> <p>Human actions and their impact on ecosystem integrity</p> <p>Resource stewardship</p> <p>Restoration practices</p>
11	Life Sciences	<p>Evolution occurs at the population level</p>	<p>Questioning and Predicting</p> <p>Planning and Conducting</p> <p>Processing and analyzing data and information</p> <p>Evaluating</p> <p>Applying and Innovating</p> <p>Communicating</p>	<p>Micro and macroevolution</p> <p>Trends in complexity among various life forms</p>
11	Science for Citizens	<p>Scientific processes and knowledge inform our decisions and impact our daily lives</p> <p>Scientific Knowledge can be used to develop procedures, techniques, and technologies</p> <p>Scientific understanding enables humans to respond and adapt to changes locally and globally</p>	<p>Questioning and Predicting</p> <p>Planning and Conducting</p> <p>Processing and analyzing data and information</p> <p>Evaluating</p> <p>Applying and Innovating</p> <p>Communicating</p>	<p>Evidence-based decision making</p> <p>Impact of technologies</p> <p>Practical applications of science</p> <p>Beneficial scientific innovations</p> <p>Human impact on earth's systems</p> <p>Natural hazards and responses</p> <p>Actions and decisions affecting the local and global environment</p>

11	Explorations in Social Studies	<p>Physical features and natural resources influence demographic patterns and population distribution</p> <p>Understanding how political decisions are made is critical to being an informed and engaged citizen</p> <p>Rapid industrialization, urbanization, and economic growth in Asia in the late 20th century have created complex social, political, and environmental challenges</p> <p>Social justice initiatives can transform individuals and systems</p> <p>Decision making in urban and regional planning requires balancing political, economic, social, and environmental factors</p>	<p>Significance</p> <p>Evidence</p> <p>Continuity and change</p> <p>Cause and consequence</p> <p>Perspective</p> <p>Ethical judgments</p>	<p>current issues in local, regional, national, or global politics as represented in mass media</p> <p>natural resource use and local, regional, national, or global development</p> <p>methods used by individuals, groups, and organizations to promote social justice</p>
12	Environmental Sciences	<p>Human actions affect the quality of water and its ability to sustain life</p> <p>Human activities cause changes in the global climate system</p> <p>Sustainable land use is essential to meet the needs of a growing population</p> <p>Living sustainably supports the well-being of self, community and earth.</p>	<p>Questioning and Predicting</p> <p>Planning and Conducting</p> <p>Processing and analyzing data and information</p> <p>Evaluating</p> <p>Applying and Innovating</p> <p>Communicating</p>	<p>Availability and water use impact</p> <p>Changes to climate systems</p> <p>Impacts of global warming</p> <p>Mitigation and adaptations</p> <p>Land use and degradation</p> <p>Land management</p> <p>Personal choices and sustainable living</p> <p>Global environmental ethics, policy and law</p>
12	Human Geography	<p>Demographic patterns and population distribution are influenced by physical features and natural resources.</p> <p>Human activities alter landscapes in a variety of ways.</p> <p>A geographic region can encompass a variety of physical features and/or human interactions.</p>	<p>Significance</p> <p>Evidence</p> <p>Continuity and change</p> <p>Cause and consequence</p> <p>Perspective</p> <p>Ethical judgments</p>	<p>global agricultural practices</p> <p>industrialization, trade, and natural resource demands</p> <p>factors behind increased urbanization and its influence on societies and environments</p> <p>political organization of geographic regions</p>

				relationships between natural resources and patterns of population settlement and economic development
12	Physical Geography	Interactions between human activities and the atmosphere affect local and global weather and climate.	Significance Evidence Continuity and change Cause and consequence Perspective Ethical judgments	natural disasters and their effects on human and natural systems climate, weather, and interactions between humans and the atmosphere Features and processes of the anthroposphere and their effects on natural systems. natural resources and sustainability
12	Social Justice	Social justice issues are interconnected. Social justice initiatives can transform individuals and systems.	Significance Evidence Continuity and change Cause and consequence Perspective Ethical judgments	Self-identify and an individual's relationship to others Governmental and non-governmental organizations in issues of social justice and injustice
12	Urban Studies	Urbanization is a critical force that shapes both human life and the planet Decision making in urban and regional planning requires balancing political, economic, social and environmental factors	Significance Evidence Continuity and change Cause and consequence Perspective Ethical judgments	Functions of local and regional government

Prescribed learning outcome.

The goal of this program is to empower youth to understand why biodiversity is so important; discover what can be done to increase and protect Canada's biodiversity; and through reviewing direct action taken by our governments in a combination of research, monitoring, policies, regulation, enforcement, conservation and partnership activities reflect on our nation's effort to conserve our living species and ecosystems in relation to the 2020 goals and targets.

How will your project enhance Yukon schools?

Participating youth will engage in projects and activities that create spaces and opportunities to reflect on how their communities can better engage in conservation and environmental change in

their homes, schools, cities and regions. Through virtual conferences and meetings with expert speakers, academics, advocates, and scientists, students will identify knowledge gaps around and current opportunities in Canada, working alongside their peers to explore their potential to act as informed citizens and advocates.

Additional Information: The topic of the National Dialogue changes from year to year. The application above is based on the 2019 topic of Canadian Biodiversity. The supporting document is reflective of the 2018 topic Water Quality and Security in Canada. Additional or alternative big ideas and curricular connections may occur.

Department Resource Committee Review Date: _____

Approved: Yes _____ No _____

Reasons if application is declined:

Approved for:

Restrictions, if any: