

Yukon Programs Application Form

Application For: Resource

Agency/Department: Ocean Wise

Date of Submission: September 24th 2019

Contact Name: Danika Strecko

Phone Number: 604-659-3427

Email: Danika.strecko@ocean.org

Request Initiated by: Rachael Bell-Irving

Title: Plastic Education Kit: <http://plasticedkit.ocean.org/>

Curriculum links, big ideas and content can be found in the “Curriculum Links By Province” Documents for each plastic education kit: <http://plasticedkit.ocean.org/resources.html>

Grade	Subject	Big Ideas	Curricular Competencies	Content
2	Science	Water is essential to all living things, and it cycles through the environment. Materials can be changed through physical and chemical processes.	Questioning and predicting Planning and conducting Processing and analyzing information Evaluating Applying and innovating Communicating	Physical and chemical ways of changing materials Types of forces, the way certain materials move, the way objects move in water and the motion caused by different strengths of forces Water Sources The water cycle Interconnectedness of systems Cultural significance of water
2	Social Studies	Local actions have global consequences, and global actions have local consequences.		Rights and responsibilities of individuals regionally and globally
3	Science	Living things are diverse, can be grouped, and interact with their ecosystem Wind, water, and ice change the shape of the land	Questioning and predicting Planning and conducting Processing and analyzing information Evaluating Applying and innovating Communicating	Biodiversity Ecosystems Energy is needed for life

7	Science	Evolution by natural selection provides an explanation for the diversity and survival of living things Earth and its climate has changed over geological time	Questioning and predicting Planning and conducting Processing and analyzing information Evaluating Applying and innovating Communicating	Survival needs and natural selection of organisms Chemical changes Compounds Climate change Impacts of humans
7	Applied Design, Skills and Tech	Complex tasks require the acquisition of additional skills Design can be response to identified needs		Entrepreneurship and Marketing
7	English Language Arts	Exploring and sharing multiple perspectives extends our thinking Questioning what we hear, read, and view contributes to our ability to be educated and engaged citizens.	Comprehend and connect Create and communicate	Metacognitive strategies for talking and thinking about learning
7	Arts Education	Engaging in the arts develops people's ability to understand and express complex ideas.	Exploring and creating Reasoning and reflecting Communicating and documenting	
8	Applied Design Skills and Tech	Complex tasks require the acquisition of additional skills. Design can be responsive to identified needs		Entrepreneurship and Marketing
8	English Language Arts	Questioning what we hear, read and view contributes to our ability to be educated and engaged citizens	Comprehend and connect Create and communicate	Metacognitive strategies for talking and thinking about learning
8	Arts Education	Artists often challenge the status quo and open us to new perspectives and experiences	Exploring and creating Reasoning and reflecting Communicating and documenting	Symbolism and metaphor to explore ideas and perspective
10	Science	Energy change is required as atoms rearrange in chemical processes	Questioning and predicting Planning and conducting Processing and analyzing information Evaluating Applying and innovating Communicating	Local and global impacts of energy transformations from technologies. Practical applications and implications of chemical processes Simple and complex global food systems and how they affect food choices, including environmental, ethical, economic, and health impacts

	Visual Arts: Art Studio	An artist's intention transforms materials into art		Role of artist and audience Influence of visual culture on self-perception and identity
11	Environmental Science	Human practices affect the sustainability of ecosystems Humans can play a role in the stewardship and restoration of ecosystems	Questioning and predicting Planning and conducting Processing and analyzing information Evaluating Applying and innovating Communicating	Energy flow through ecosystems Human actions and their impact on ecosystem integrity Resource stewardship
11	Science for Citizens	Scientific understanding enables humans to respond and adapt to changes locally and globally	Questioning and predicting Planning and conducting Processing and analyzing information Evaluating Applying and innovating Communicating	Beneficial scientific innovations Human impact on Earth's system: natural resources and effects of climate change Actions and decisions affecting the local and global environment, including those of First Peoples Evidence-based decision making through science Personal and public health practices
11	Outdoor Education	Spending time outdoors allows us to develop an understanding of the natural environment and ourselves	Questioning and predicting Planning and conducting Processing and analyzing information Evaluating Applying and innovating Communicating	
11	Earth Sciences	The distribution of water has a major influence on weather and climate	Questioning and predicting Planning and conducting Processing and analyzing information Evaluating Applying and innovating Communicating	Influences of large bodies of water on local and global climates The hydrologic cycle Properties of the ocean and the ocean floor Water as a unique resource Evidence of climate change Effects of climate change on water sources
11	Visual Arts: Art Studio	An artist's intention transforms materials into art		Role of artist and audience. Influence of visual culture on self-perception and identity

How will your project enhance Yukon schools?

These curated lessons plans are ready-made to be implemented directly into the classroom, complete with curriculum links for all provinces and territories. The Plastic Education Kit comes with a student workbook, teacher guide, unit plan and curriculum links. Designed around the seven ocean literacy principles, the Plastic Education Kit provides teachers with a resource to empower them to teach about plastic pollution in the classroom.

The Earth’s oceans, and the interconnected cycle of water and waterways, are utterly vital to every living thing on Earth. And yet the health of these oceans, and by extension the wellbeing of all life on Earth, is at risk due largely to the impacts of human activity. Plastic is everywhere in our oceans and it’s going to take a deep, transformational change in humanity’s consciousness and activities regarding the oceans to ensure healthy, sustainable life on this planet. We believe this is possible! But we need your help. Our youth need to be made aware of their own plastic use and how their actions will have a direct impact on the environment around them. Through these lessons we hope our youth will become leaders of change - and this all starts in your classroom.

Department Resource Committee Review Date: _____

Approved: Yes _____ No _____

Reasons if application is declined:

Approved for:

Restrictions, if any: