



# Toronto and Region Conservation Authority

## Outdoor Education Task Force Agenda

#2/20

June 15, 2020

6:30 P.M.

The meeting will be conducted via a video conference  
Members of the public may view the livestream at the following link:

<https://video.isilive.ca/trca/live.html>

Members:

Melinda Chartrand

Cynthia Cordova

Will Davies

Frank Di Cosola

Rowena Santos

Anu Sriskandarajah

Morgan Ste. Marie

Basudeb Mukherjee

Garry Tanuan

Jennifer Wigston

Pages

1. ACKNOWLEDGEMENT OF INDIGENOUS TERRITORY
2. APPROVAL OF MINUTES OF MEETING #1/20, HELD ON JANUARY 20, 2020
3. DISCLOSURE OF PECUNIARY INTEREST AND THE GENERAL NATURE THEREOF
4. DELEGATIONS
5. PRESENTATIONS

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| 6.  | CORRESPONDENCE  |    |
| 7.  | ITEMS FOR OUTDOOR EDUCATION TASK FORCE ACTION   |    |
| 8.  | ITEMS FOR OUTDOOR EDUCATION TASK FORCE INFORMATION  |    |
| 8.1 | CURRENT STATE OF OUT-OF-CLASSROOM LEARNING RELATED TO<br>NATURAL SCIENCE, CONSERVATION AND THE ENVIRONMENT<br>Updated Report by Darryl Gray | 24 |
| 8.2 | SUMMARY OF OUTDOOR EDUCATION TASK FORCE WORKSHOP ONE<br>AND SCHOOL BOARD STAFF SURVEY RESULTS<br>Report by Darryl Gray                      | 50 |
| 9.  | NEW BUSINESS  |    |
| 10. | ADJOURNMENT   |    |



Outdoor Education Task Force Meeting #1/20 was held at Head Office, 101 Exchange Avenue, Vaughan, on January 20, 2020. The Chair Garry Tanuan, called the meeting to order at 7:14 p.m.

**PRESENT**

|                    |            |
|--------------------|------------|
| Garry Tanuan       | Chair      |
| Cynthia Cordova    | Vice-Chair |
| Will Davies        | Member     |
| Frank Di Cosola    | Member     |
| Rowena Santos      | Member     |
| Anu Sriskandarajah | Member     |
| Morgan Ste. Marie  | Member     |
| Jennifer Wigston   | Member     |

**ABSENT**

|                   |        |
|-------------------|--------|
| Melinda Chartrand | Member |
|-------------------|--------|

The Chair recited the Acknowledgement of Indigenous Territory.

**RES.#OETF1/20 - MINUTES**

|              |                  |
|--------------|------------------|
| Moved by:    | Will Davies      |
| Seconded by: | Jennifer Wigston |

**THAT the Minutes of Meeting #1/19, held on October 7, 2019, be approved.**

**CARRIED**

## Items for the Action of the Outdoor Education Task Force

### **RES.#OETF2/20 - STUDENT TRUSTEE REPRESENTATION ON OUTDOOR EDUCATION TASK FORCE**

Inclusion of student representation and perspectives in the work of the Outdoor Education Task Force.

Moved by: Frank Di Cosola  
Seconded by: Jennifer Wigston

**WHEREAS at Authority Meeting #6/18 held on July 20, 2018, Toronto and Region Conservation Authority (TRCA) approved the establishment of a multi-stakeholder Outdoor Education Task Force comprised of elected officials from local school boards and the TRCA Board of Directors;**

**AND WHEREAS the Outdoor Education Task Force has been convened to study, develop and recommend strategic future directions related to out-of-classroom learning within the areas of jurisdiction of TRCA and participating school boards;**

**AND WHEREAS, recognizing the important role that student perspective play in the governance of school boards, the *Education Act, R.S.O. 1990, Ontario Regulation 7/07 Student Trustees (Section 3)* indicates that each Ontario school board shall have at least one but not more than three students elected as Trustees;**

**THEREFORE, LET IT BE RESOVED THAT one student trustee from each of the participating Outdoor Education Task Force School Boards be invited to participate in one of the three Outdoor Education Task Force Working Groups (Principals, Values and Destination; Models and Mechanisms; Recommendations and Policy Statements).**

**CARRIED**

### **BACKGROUND**

The important contribution of students to school board governance is acknowledged through the *Education Act, R.S.O., 1990*, which formalizes the inclusion of the student voice in school board decision making through Section 3 of Ontario Regulation 7/07, Student Trustees: "...the board shall have at least one but not more than three student trustees." Through this Regulation, student trustees are elected by their peers and participate in board activities such as attending school board meetings.

During a discussion held at the October 7, 2019 meeting #1/19, of the Outdoor Education Task Force, members of the Outdoor Education Task Force identified an interest in including the student voice in the work of the Outdoor Education Task Force to ensure that youth perspectives related to learning in the out-of-doors were included and considered in any potential recommendations brought forward by the Outdoor Education Task Force.

### **RATIONALE**

Convened to provide recommendations and strategic directions related to the long-term provision of out-of-classroom learning related to the environment, conservation and natural-science, the Outdoor Education Task Force is currently comprised of Trustees from eight participating school boards. During the first meeting of the Outdoor Education Task Force held October 7, 2019 meeting #1/19 members requested an investigation into opportunities to include the student voice in the work of the Outdoor Education Task Force. The inclusion of Student Trustees in the work of the Outdoor Education Task Force will provide for an enhanced

youth perspective related to the learning and experiential needs of students currently enrolled in the education system.

It is recommended that one student trustee from each of the participating Outdoor Education Task Force School Boards be invited to participate in one of three working groups of the Outdoor Education Task Force.

At Meeting #1/19 of the Outdoor Education Task Force, held on October 7, 2019, Resolution #OETF4/19 outlined three working groups:

- **Principals, Values and Destinations:** working group to be formed January, 2020; presentation to the Outdoor Education Task Force February, 2020
- **Models and Mechanisms:** working group to be formed February, 2020; presentation to the Outdoor Education Task Force, May 2020
- **Recommendations and Policy Statements:** working group to be formed May, 2020; presentation to the Outdoor Education Task Force, October 2020

Each of the working groups will have the opportunity to determine how best to include Student Trustees in the working group, including accommodating participation through various means, such as attending meetings in person or virtually or provide information or feedback to the working group electronically.

#### **Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan**

This report supports the following strategy set forth in the TRCA 2013-2022 Strategic Plan:  
**Strategy 5 – Foster sustainable citizenship**

#### **DETAILS OF WORK TO BE DONE**

Participating school boards of the Outdoor Education Task Force will be provided the opportunity to invite one student trustee of their respective school boards to participate in one of the three working groups of the Outdoor Education Task Force.

TRCA staff will work with Student Trustees that have accepted the invitation to determine an appropriate working group and strategy for participation.

**Report prepared by: Natalie Harder, extension 5638**

**Emails: [natalie.harder@trca.ca](mailto:natalie.harder@trca.ca)**

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**Emails: [natalie.harder@trca.ca](mailto:natalie.harder@trca.ca)**

**Date: January 3, 2020**

## Items for the Information of the Outdoor Education Task Force

### **RES.#OETF3/20 - CURRENT STATE OF OUT-OF-CLASSROOM LEARNING RELATED TO NATURAL SCIENCE, CONSERVATION AND THE ENVIRONMENT**

Summary of responses received from Outdoor Education Task Force member school boards regarding out-of-classroom learning related to natural science, conservation and the environment.

Moved by: Jennifer Wigston

Seconded by: Rowena Santos

**WHEREAS the Outdoor Education Task Force has been convened to study, develop and recommend strategic future directions related to out-of-classroom learning within the areas of jurisdiction of TRCA and participating school boards;**

**AND WHEREAS on November 19, 2019, Trustee Garry Tanuan, Chair, Outdoor Education Task Force issued a questionnaire to receive feedback from member school boards regarding the current state of programs and policies at their school boards with respect to out-of-classroom learning related to natural science, conservation and the environment;**

**THEREFORE, IT IS RECOMMENDED THAT the Outdoor Education Task Force members receive the attached summary of the questionnaire prepared by TRCA staff.**

**CARRIED**

### **BACKGROUND**

At Task Force Meeting #1/19 held on October 7, 2019, the Outdoor Education Task Force approved Resolution #OETF5/19, in part, as follows:

*... THAT the following Mandate, Objectives and Timelines of the Outdoor Education Task Force be endorsed;*

*AND THAT the Outdoor Education Task Force Work Plan and Timelines as outlined in this report be approved.*

An initial deliverable of the Outdoor Education Task Force (OETF) workplan consisted of the inventory and assessment of the current state of out-of-classroom learning policies and programs related to natural science, conservation and the environment at area and participating school boards. To facilitate this research, a questionnaire was developed to gain contextual information and useful background details to guide recommendations and/or further research. The questionnaire was circulated to OETF members by email on November 19, 2019. Completed questionnaires have been received from three school boards to date. The responses have been summarized in Attachment 1, appended to this report.

Key findings from the responses received so far indicate that school boards generally have similar values, principles and policies to guide out-of-classroom learning and that they seek appropriate ways to support and integrate the Indigenous voice into out-of-classroom learning related to natural science, conservation and the environment. School boards are partnering with various organizations with respect to natural science, conservation and environmental education and have programs in place to provide students with equitable access to outdoor education programming.

The Ontario Ministry of Education provides funding to school boards to directly support outdoor education experiences for elementary and secondary students through the Learning Opportunities Grant. Use of this funding by school boards is varied, which is reflective of the inherent flexibility provided by the government for the allocation of these funds. In addition, one of three responding school boards stated that they operate a number of outdoor education centres and that supplementary funding beyond the Learning Opportunities Grant for the operation of these facilities is required, and is allocated from other school board operating budgets.

It is anticipated that additional responses from the remaining OETF member school boards will be received in January 2020 at which time they will be incorporated into the summary report and the report will be recirculated to members.

## **RATIONALE**

The OETF has been convened in order to establish a strategic planning framework for the long-term provision of out-of-classroom learning related to natural science, conservation and the environment that serve students of the Toronto region while maximizing the use and value of public assets and infrastructure.

The current state summary report will provide the groundwork for which the OETF can undertake its mandate through the formation of working groups.

## **Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan**

This report supports the following strategies set forth in the TRCA 2013-2022 Strategic Plan:

**Strategy 3 – Rethink greenspace to maximize its value**

**Strategy 5 – Foster sustainable citizenship**

**Strategy 6 – Tell the story of the Toronto region**

**Strategy 7 – Build partnerships and new business models**

## **DETAILS OF WORK TO BE DONE**

TRCA staff will incorporate additional responses into the summary report as they are received and will circulate to OETF members as required.

**Report prepared by: Amy Thurston, extension 5878**

**Email: [amy.thurston@trca.ca](mailto:amy.thurston@trca.ca)**

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**Emails: [amy.thurston@trca.ca](mailto:amy.thurston@trca.ca) or [darryl.gray@trca.ca](mailto:darryl.gray@trca.ca)**

**Date: January 7, 2020**

**Attachments: 1**

Attachment 1: Current State of Out-of-classroom Learning Related to Natural Science, Conservation and the Environment. Summary Report.

## **Current State of Out-of-classroom Learning Related to Natural Science, Conservation and the Environment Summary Report**

As of January 3, 2020

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The following report is based on feedback and information collected through an 11-question survey that was circulated to Outdoor Education Task Force members in November 2019. School Boards included in the summary report include:

- Conseil Scolaire Catholique MonAvenir (CSC MonAvenir)
- Toronto Catholic District School Board (TCDSB)
- York Region District School Board (YRDSB)

### **Values and/or principles that guide policies related to natural science, conservation and environmental out-of-classroom learning**

Similar general statements were provided by responding school boards with respect to the overarching values and principles that guide their school boards out-of-classroom learning (defined by all school boards generally as an educational excursion or activity has students leaving property). These include:

- Educational purpose/curriculum related
- Safe
- Inclusive
- Diverse (to include activities related to language, culture, faith, sports and the arts)
- Accessible (regardless of socio-economic status, special needs)
- Student focused and appropriate (age, maturity, experience, health, skill physical abilities and exceptionalities, cultural, faith)
- Respectful of values
- Considerate of funding, training, supervision, risk management, contingency planning and evaluation.

YRDSB provided an example that was specific to natural science, conservation and environmental out-of-classroom learning that is captured in their Outdoor Education Policy and Procedure (#350.0 currently undergoing revision):

*The York Region District School Board is committed to providing students with multiple opportunities to learn in, of and about the natural world through outdoor education. The Board believes that the ultimate goal of outdoor education is to empower participants to contribute towards a sustainable community. The Board is dedicated to promoting outdoor education learning opportunities that allow all participants to experience the restorative benefits of being immersed in nature. The Board is committed to enhancing the lives of all learners through experientially profound outdoor education experiences that are connected to the curriculum and delivered at Outdoor Education Centres, schools and within the community.*

*In our 2018 Outdoor Education Review, the following priorities were identified. These align quite clearly with our Director's Action Plan and the YRDSB Multi-Year Plan.*



- a) *Nature Deficit Disorder in children is a serious current issue (Well-Being)*
- b) *Students & teachers in YRDSB want to be teaching/learning outdoors more often (Indigenous Education and Equity)*
- c) *The inquiry learning model and integrated studies make learning meaningful (Modern Learning)*
- d) *Strong system leadership and support can bring significant change- (Leadership)*

### **School board policies and procedures**

An inventory of school board policies and procedures related to natural science, conservation and environmental out-of-classroom learning can be found in **Appendix A** (this include policies related to day trips, overnight trips, off school property walking excursions, low/high risk activities, supervision and ratios and equity).

All school boards indicated that excursions including outdoor education activities are guided by Ontario Physical and Health Education Association (OPHEA) guidelines.

### **Inventory of current partners, organizations and locations**

The following is an inventory of vendors, organizations and locations that responding school boards are currently partnering with for natural science, conservation and environmental out-of-classroom learning:

- Adventureworks
- Bird Studies Canada
- Blue Mountain
- Camp Robin Hood
- Camp Tournesol
- Centre Notre Dame de la Rouge
- City of Toronto outdoor play spaces, swimming pools etc.
- Earth Tracks
- EcoSchools Canada (formerly Ontario Eco-Schools)
- Education Leadership Centre (OELC)
- Envirothon
- Evergreen
- Georgina Island First Nation
- Lake Simcoe Region Conservation Authority (Scanlon Creek, Outreach)
- Learning for Sustainable Futures
- Monarch Teacher Network
- Municipal Community Centres (Town of Newmarket, Town of Aurora, City of Markham, City of Richmond Hill, City of Vaughan)
- Natural Curiosity
- Ontario Provincial Parks (Secondary Outdoor Credit Course trips)
- OPAL (Outdoor Play and Learning)
- Outdoor Council of Canada
- Region of York (Bill Fisch Education Centre)
- Sibbald Point Provincial Park

- Staff from Lakehead University- Orillia Campus
- St-Louis / Moonstone
- Teen Ranch
- The McMichael Art Gallery
- Toronto Orienteering and Ontario Orienteering
- Toronto Region Conservation Authority (Albion Hills Field Centre, Kortright Centre For Conservation, Lake St. George Field Centre, Outreach, Swan Lake Partnership, Burlington Outdoor Resource Centre Partnership)
- TRAILS Youth Initiatives
- Tree Bee

### **Ministry of Education Learning Opportunities Grant – Summary of allocation of funds by school boards**

The Ontario Ministry of Education provides funding to school boards through a number of grants. The Learning Opportunities Grant provides funding to help students who are at greater risk of lower academic achievement and is made up of several allocations. Provision for funding to directly support outdoor education experiences for both elementary and secondary students is included under the Student Achievement Envelope.

Responses received by school boards varied which is reflective of the inherent flexibility provided by the government on how boards may use and allocate this funding.

- Fees related to participation in outdoor education activities (day and overnight excursions) provided by school boards or other third-party organizations (development of learning experiences for both students and educators in a broad range of inquiry areas).

Example: The Outdoor Education Department at TCDSB organizes and supports overnight school trips to board subsidized outdoor education sites. Schools are offered trips on a rotating basis. Each elementary school within the TCDSB will be offered a trip approximately every 2 years. TCDSB partners with TRCA field centres (Lake St. George Field Centre) and have partnerships with Teen Ranch and Mansfield Outdoor Education Centre. Fees are used to cover the cost of overnight accommodations, meals/snacks, and programming/activities.

- Fees for safety-related training and/or certification for students and/or teachers, including professional development opportunities for teachers

Example: Outdoor Council of Canada field leader program (YRDSB)

- Fees to enlist expertise and/or facilities/resources of community agencies in outdoor learning activities

Examples: Summer Institute, Residential Program, Georgina Island (YRDSB)

- Transportation costs

Examples: Busing to outdoor education centres, inquiry learning and secondary outdoor learning, credit courses, overnight trip subsidy.

- Teacher release time

Examples: Professional learning, supporting student learning, safety training

### **Summary of other outdoor education funding sources**

Currently, the TCDSB participates in TRCA's Environmental Leaders of Tomorrow program which provides a subsidized experience for high priority students that pairs in class learning with an overnight outdoor education experience.

In addition, YRDSB operate five outdoor education centres. Costs to operate these facilities are funded through separate school board budgets.

### **Policies/programs to ensure equitable access to outdoor education facilities**

All responding school boards have policies to guide equity and inclusion of students and schools within the school board.

Specific to outdoor education facility access, the following examples were provided:

- All grade 2, 4 and 7 YRDSB students participate in outdoor learning opportunities at school board run Outdoor Education Centres.
- Specific transportation requirements for YRDSB students are covered by the board including the provision of funding to subsidize transportation and program costs for credit course outdoor education programming.
- At YRDSB run facilities, decisions around program design and facility renewal are guided by AODA principles.
- At TCDSB, schools are selected to participate in the Environmental Leaders of Tomorrow program (a highly subsidized overnight outdoor education experience hosted at TRCA operated outdoor education facilities) based on the financial need of students.

### **Practice of obtaining feedback from students and/or teachers about their outdoor education trips and experiences and vision**

While both the TCDSB and YCDSB indicated that they currently obtain feedback from educators after participating in a field trip or professional development activity, the surveys they fill out are general in nature and are not specific to outdoor education activities.

Specific to outdoor education, YRDSB indicated that their professional learning communities (including Grade 2 and 4 teachers, Eco School teams, secondary Outdoor Education course teachers, Secondary Geography and Science Heads) have engaged in visioning activities to support the direction of professional learning as well as the identification of specific opportunities for student learning.

**Practices that support or integrate the Indigenous voice into out-of-classroom learning related to natural science, conservation and the environment.**

All three school boards indicated that they currently have practices that support or integrate the Indigenous voice into out-of-classroom learning related to natural science, conservation and the environment. Examples are provided below.

- Through the Indigenous Education Department at the Toronto Catholic District School Board, students can apply to participate at no charge in the Gathering of Nations Summer Camp for Indigenous Students, a high school credit course that includes a trip to a camp in Muskoka as part of the course. The mission of this program is: to provide Indigenous students and those Indigenous students who are considered at-risk with Secondary School credit courses in a safe and caring environment based on the philosophies, aesthetics, and worldviews of Indigenous peoples in Canada.
- YRDSB collaborate directly with members of the First Nations, Metis and Inuit (FNMI) team at Inclusive Schools and Community Services in the design of learning opportunities for staff and students. One example is the four part “Natural Curiosity” professional learning community with OISE, the FNMI team, partners on Georgina Island and YRDSB educators.
- YRDSB have engaged directly with the Chippawas of Georgina Island to support learning opportunities for staff and students in these areas through professional learning opportunities (including visits to Georgina Island and facilitated learning sessions provided by the community for students and educators) and student activities (such as SHSM ICE challenges, with “empathy sessions” supported by Indigenous facilitators).

**Appendix A****Inventory of school board policies, procedures and supporting documents**

| <b>School Board</b> | <b>Language</b> | <b>Title</b>  | <b>Type</b> | <b>Link</b>   | <b>Year *</b> | <b>Primary Focus Area</b>                                   |
|---------------------|-----------------|---|-------------|---|---------------|---|
| CSC MonAvenir       | French          | SORTIES ÉDUCATIVES ET ACTIVITÉS SCOLAIRES (PSE.11.0)          | Policy      | <a href="https://www.cscmonavenir.ca/publications/politiques/PSE.11.0.pdf">https://www.cscmonavenir.ca/publications/politiques/PSE.11.0.pdf</a> | 2019          | Out of classroom educational field trips and activities     |
| CSC MonAvenir       | French          | PLANIFICATION DE LA MATERNELLE À LA 12E ANNÉE (PSE.6.3)       | Policy      | <a href="https://www.cscmonavenir.ca/publications/politiques/PSE.6.3.pdf">https://www.cscmonavenir.ca/publications/politiques/PSE.6.3.pdf</a>   | 2016          | Planning student programs and activities                    |
| CSC MonAvenir       | French          | INCLUSION DES ÉLÈVES AYANT DES BESOINS PARTICULIERS (PSE.2.1) | Policy      | <a href="https://www.cscmonavenir.ca/publications/politiques/PSE.2.1.pdf">https://www.cscmonavenir.ca/publications/politiques/PSE.2.1.pdf</a>   | 2016          | Provision of equitable and inclusive education              |
| CSC MonAvenir       | French          | ÉDUCATION ENVIRONNEMENTALE (PSE.5)                            | Policy      | <a href="https://www.cscmonavenir.ca/publications/politiques/PSE.5.pdf">https://www.cscmonavenir.ca/publications/politiques/PSE.5.pdf</a>       | 2010          | Environmental education and sustainable facility management |
| CSC MonAvenir       | French          | INCLUSION DES ÉLÈVES AYANT DES BESOINS PARTICULIERS           | Policy      | <a href="https://www.cscmonavenir.ca/publications/politiques/PSE.2.pdf">https://www.cscmonavenir.ca/publications/politiques/PSE.2.pdf</a>       | 2016          | Support and respect of all student needs                    |

Attachment 1

|       |         |   |                       |   |      |  |
|-------|---------|---|-----------------------|---|------|--|
|       |         | RS<br>(PSE.2.0)                                 |                       |   |      |  |
| TCDSB | English | School<br>Excursions<br>(S.E.01)                | Policy                | <a href="https://www.tcdsb.org/Boards/Policies/Documents/SE01.pdf">https://www.tcdsb.org/Boards/Policies/Documents/SE01.pdf</a>   | 2019 | School sanctioned excursions   |
| TCDSB | English | Excursions<br>Handbook                          | Procedure             | <a href="http://www.tcdsb.org/ProgramsServices/SchoolProgramsK12/HealthOutdoorPhysicalEd/ExcursionHandbook/Pages/default.aspx">http://www.tcdsb.org/ProgramsServices/SchoolProgramsK12/HealthOutdoorPhysicalEd/ExcursionHandbook/Pages/default.aspx</a> | 2015 | Operational procedures to support the School Excursions policy   |
| TCDSB | English | Equity Action<br>Plan 2018-<br>2021             | Action Plan           | <a href="https://www.tcdsb.org/Boards/EIE/Documents/TCDSB_Equity_Action_Plan_Web_2019.pdf">https://www.tcdsb.org/Boards/EIE/Documents/TCDSB_Equity_Action_Plan_Web_2019.pdf</a>   | 2018 | Diversity, equity and inclusive education  |
| YRDSB | English | Field Trips<br>(#642.0)                         | Policy                | <a href="https://yrdsb.civicweb.net/document/37407">https://yrdsb.civicweb.net/document/37407</a>   | 2013 | Out of classroom field trips and educational activities  |
| YRDSB | English | Field Trips:<br>One Day<br>(#642.1)             | Procedure             | <a href="https://yrdsb.civicweb.net/document/37407">https://yrdsb.civicweb.net/document/37407</a>   | 2013 | Field trips that are no more than one day  |
| YRDSB | English | Field Trips:<br>Two to Five<br>Days<br>(#642.2) | Procedure             | <a href="https://yrdsb.civicweb.net/document/37407">https://yrdsb.civicweb.net/document/37407</a>   | 2013 | Field trips that exceed one day and are completed within five days and five nights.  |
| YRDSB | English | Field Trips:<br>Beyond Five<br>Days<br>(#642.3) | Procedure             | <a href="https://yrdsb.civicweb.net/document/37407">https://yrdsb.civicweb.net/document/37407</a>   | 2013 | Field trips that are five or more nights   |
| YRDSB | English | Outdoor<br>Education<br>(#350.0)                | Policy &<br>Procedure | <a href="http://www.yrdsb.ca/board/docs/Documents/PP-outdoored-350.pdf">http://www.yrdsb.ca/board/docs/Documents/PP-outdoored-350.pdf</a>   | 2014 | Outlines the Outdoor Education opportunities that are available including school visits to Outdoor Education Day Centres, stays at residential facilities and the loan of outdoor education equipment (Currently undergoing revision). |

Attachment 1

|       |         |                                       |                    |   |      |   |
|-------|---------|---------------------------------------|--------------------|---|------|---|
| YRDSB | English | Environmental Responsibility (#235.0) | Policy & Procedure | <a href="http://www.yrdsb.ca/board/docs/Documents/POL-environment-235.pdf">http://www.yrdsb.ca/board/docs/Documents/POL-environment-235.pdf</a> | 2016 | Support the stewardship of Board resources and the Board's commitment to environmentally responsible practices (Currently undergoing revision). |
|-------|---------|---------------------------------------|--------------------|---|------|---|

\*Year the document was created/reviewed or updated

**RES.#OETF4/20 - OVERVIEW OF OUTDOOR EDUCATION IN JURISDICTIONS OUTSIDE OF ONTARIO**

Summary of research regarding Outdoor Education (OE) practices and opportunities outside of Ontario.

Moved by: Frank Di Cosola  
Seconded by: Will Davies

**IT IS RECOMMENDED THAT the following research summary on outdoor education in jurisdictions outside of Ontario be received.**

**CARRIED**

**BACKGROUND**

At OETF Meeting #1/19 of the Outdoor Education Task Force, held on October 7, 2019, Res. #OETF4/19 outlined three working groups:

- **Principals, Values and Destinations:** working group to be formed January, 2020; presentation to the Outdoor Education Task Force February, 2020
- **Models and Mechanisms:** working group to be formed February, 2020; presentation to the Outdoor Education Task Force, May 2020
- **Recommendations and Policy Statements:** working group to be formed May, 2020; presentation to the Outdoor Education Task Force, October 2020

This report regarding the Outdoor Education (OE) activities and programs outside of the GTA school boards is intended to inform Outdoor Education Task Force members of potential OE practices and/or opportunities they may wish to consider as part of the strategic planning framework for the long-term provision of out-of-classroom learning related to natural science, conservation or the environment in the Toronto region.

**RATIONALE**

In assessing outdoor education systems and programs in other jurisdictions outside of Ontario, multiple variables were taken into consideration, including:

- Country and/or Region - Finland, Australia, Denmark, Singapore, New Zealand, Italy, Scotland, United States (specifically California) and Canada (specifically British Columbia);
- Type of OE Interventions – in-school (and school yard), day excursions (off school property activities but within the regular school day), overnight excursions, trips abroad;
- Curriculum Focus – mandated through curriculum, teacher-choice, offered by partners or outside agencies;
- Audiences – grade level and/or age of students;
- Funding Sources – publicly funded (through school systems), fee for service, grant/sponsored;
- Additional Information;
- Reference(s).

For each country or jurisdiction evaluated, there exist a range of unique programs and/or pedagogy being employed which demonstrates the spectrum of approaches and frameworks being employed:

- In Finland, OE resides within the not only the need but the *responsibility* we have for the



environment, one's personal well-being, and a sustainable future. Outdoor education resides within the core curriculum, and the majority of the costs associated with in-school programming, excursions, as well as nature and camp schools is included as part of the school system budget. Curriculum for primary, junior, and intermediate age students focuses on environmental education and responsibility for the environment while senior grades shift to sustainable development education.

- In Australia, students are also offered curriculum mandated OE, particularly in the subject areas of Health and Physical Education, Humanities and Social Sciences, Geography and Science. Curriculum experiences may include in-school, day, and/or overnight excursions. The Australian OE approach is based in building a *positive relationship with the natural world* for the sake of wildlife but also as an extension of human health;
- Denmark is home to *Udeskole*, which translates to “outdoor school”. Children between the ages of 7-16 have weekly or bi-weekly outdoor school days. Udeskole is practiced in approximately 14% of all schools in Denmark;
- In Singapore, an “*Outward Bound School*” offers learners up to college-aged the opportunity to build a connection with nature while they build *tenacity and resiliency* for themselves;
- New Zealand, like Australia, has explicit curriculum linked OE with strong roots in physical education. OE focuses on creating opportunities for personal and social development, while protecting and caring for the environment. It also promotes adventurousness, cultural awareness, values development, and honouring tradition.
- Italy has strong OE roots in *social inclusivity*. The *Reggio Emilia Approach* to education sees children as powerful, capable, and inquisitive beings. It fosters following the children's interests versus a predetermined curriculum and student achievement is measured via pedagogical documentation versus testing. This approach is available to children in pre-school to 6 years of age;
- The *Curriculum of Excellence* in Scotland makes it every school employee's responsibility to foster OE for their students and extends this approach to volunteers and partners. It uses multiple funding sources to ensure multiple and ongoing OE learning experiences for students throughout the education system;
- In British Columbia, there are multiple parallels to the offerings in Ontario. British Columbia offers curriculum-linked OE programming within the Physical Education and Environmental Learning subject areas, as well as having it embedded with other subjects and teacher resources. This approach values OE for its capacity to not only develop outdoor skills, but also self-awareness, safe practices, nature appreciation, and leadership;
- California's *Blueprint for Environmental Literacy: Educating Every Student In, About, and For the Environment* also parallels the Ontario OE framework. The purpose of California's approach is to increase not only access to healthy natural environments but also integrate formal and informal education systems/providers, utilizing community resources to their full potential and maximizing the strength of the messaging.

While each jurisdiction offers unique approaches to the application of OE frameworks, the programs also share many primary elements. Analysis of the collective data suggests the following:

- Most systems considered used varied and multiple OE interventions throughout the grade school experience to be imperative to their OE framework;

- Early years experiences tended to focus on play, nature appreciation, and building confidence and resiliency, while older students would experience more knowledge building, critical thinking, independence and self-reliance;
- Funding to support OE often included multiple sources, with in-school activities most often being available to the students at no additional cost and some excursions funded with school system funding and some requiring additional funding sources such as student fee or grant/private support;
- Ethos and impetus for OE varied significantly, with rationale including physical and mental health benefits, social responsibility, leadership, science curriculum, geography curriculum, play theory, understanding of the nature/geophysical world, safety, nature appreciation, self-reliance and challenge, clearer cultural understanding, social interaction, academic excellence, well rounded citizenry, equitable relationships, and inclusiveness.

#### **Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan**

This report supports the following strategies set forth in the TRCA 2013-2022 Strategic Plan:

**Strategy 4 – Create complete communities that integrate nature and the built environment**

**Strategy 5 – Foster sustainable citizenship**

**Strategy 12 – Facilitate a region-wide approach to sustainability**

#### **DETAILS OF WORK TO BE DONE**

TRCA staff will continue to monitor and evaluate other jurisdictions for changes and advancements in policies, practices and models related to the delivery of out-of-classroom learning related to natural science, conservation and the environment.

**Report prepared by: Nancy McGee, extension 5877**

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**Date: January 7, 2020**

**Attachments: 1**

Attachment 1: Summary of Selected Outdoor Education (OE) Systems/Programs Offered Outside of Ontario

**Table 1: Summary of Selected Outdoor Education (OE) Systems/Programs Outside of Ontario**

| Country and/or Region | Types of OE Intervention(s)  | Curriculum Focus and Audience  | Funding  | Additional Information   | Reference   |
|-----------------------|--|--|--|--|---|
| Finland               | <ul style="list-style-type: none"> <li>In school lesson plans</li> <li>Excursions, camp schools, nature schools</li> </ul> | <p><b>Focus:</b></p> <ul style="list-style-type: none"> <li>Sustainability</li> <li>Leadership/ Personal development focus</li> </ul> <p><b>Audiences:</b></p> <ul style="list-style-type: none"> <li>Currently 7-16 YOA</li> <li>Anticipating 16-18 YOA</li> </ul>  | <ul style="list-style-type: none"> <li>Publicly funded</li> </ul>                          | <ul style="list-style-type: none"> <li>Based on idea of ‘responsibility for environment, well-being and a sustainable future</li> <li>Mental health benefits</li> <li>At Finnish schools, the term “outdoor education” represents teaching and learning that takes place outside the classroom with the aim to achieve goals in the National core curriculum for basic education (NCC, 2004, 39) and in the National core curriculum for upper secondary schools (NCC, 2003, 28–29).</li> <li>National Strategy for Environmental Education (EE)</li> <li>Strategy for Sustainable Development Education (SDE) (Loukola et al., 2002).</li> <li>EE, SDE and OE take place in a variety of formats in schools and universities as well as informal educational institutions in youth work and social services in the public and private sectors.</li> </ul> | <p>Forest Schools in Finland<br/> <a href="https://theculturetrip.com/europe/finland/articles/what-we-can-learn-from-finlands-forest-schools/">https://theculturetrip.com/europe/finland/articles/what-we-can-learn-from-finlands-forest-schools/</a><br/> Outdoor Education in Finland<br/> <a href="https://ioern.files.wordpress.com/2012/03/finland_1.pdf">https://ioern.files.wordpress.com/2012/03/finland_1.pdf</a><br/> Guardian Article<br/> <a href="https://www.theguardian.com/education/2016/sep/20/grammar-schools-play-europe-top-education-system-finland-daycare">https://www.theguardian.com/education/2016/sep/20/grammar-schools-play-europe-top-education-system-finland-daycare</a></p> |
| Australia             | <ul style="list-style-type: none"> <li>In school, overnight, and day experiences</li> </ul>                                | <p><b>Focus:</b><br/> Content from the Australian Curriculum:</p> <ul style="list-style-type: none"> <li>Health and Physical Education</li> <li>Humanities and Social Sciences</li> <li>Geography, Science</li> </ul> <p>General capabilities and cross-curriculum priorities can be organized and delivered through learning in the outdoors (K–6) and outdoor education (7–10)</p> <p><b>Audiences:</b></p> <ul style="list-style-type: none"> <li>K-10</li> </ul> | <ul style="list-style-type: none"> <li>Publicly funded</li> <li>Fee for service</li> </ul> | <ul style="list-style-type: none"> <li>They develop skills and understandings while valuing a positive relationship with natural environments and promoting the sustainable use of these environments.</li> <li>The teaching and learning of self-reliance, interdependence and leadership</li> <li>The development of an adventurous spirit</li> <li>Managing personal risks</li> <li>Experiencing safe journeys in nature</li> <li>Learning the value of lifelong outdoor recreation for enjoyment, health and wellbeing</li> <li>Understanding nature through direct experience; and the development of deeper human–nature relationships.</li> </ul>   | <p>Curriculum for Learning<br/> <a href="https://www.australiancurriculum.edu.au/resources/curriculum-connections/portfolios/outdoor-learning/">https://www.australiancurriculum.edu.au/resources/curriculum-connections/portfolios/outdoor-learning/</a><br/> Outdoor Education Australia<br/> <a href="https://outdooreducationaustralia.org.au/education/curriculum-guidelines/">https://outdooreducationaustralia.org.au/education/curriculum-guidelines/</a></p>   |

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| Denmark     | <ul style="list-style-type: none"> <li>Udeskole (outdoor school) ages 7-16. Weekly or bi-weekly day experiences (approx. 14% of schools practicing Uderskole)</li> </ul> | <p><b>Focus:</b><br/>Teacher initiated (not mandatory for all) but there is mention of OE in various subject curricula</p> <p><b>Audiences:</b></p> <ul style="list-style-type: none"> <li>Ages 7-16</li> </ul>               | <ul style="list-style-type: none"> <li>Publicly Funded</li> </ul>                                     | <ul style="list-style-type: none"> <li>Udeskole theory – uses outdoor environment to make links to topics/subjects of study</li> <li>Designed to enhance cultural learning and work experience</li> <li>Encourages social interaction among the class</li> <li>Numbers of teachers using uderskole principles increasing in Danish schools</li> </ul>  | <p>Udeskole Theory</p> <p><a href="https://www.researchgate.net/publication/254238856_The_nature_of_udeskole_Outdoor_learning_theory_and_practice_in_Danish_schools">https://www.researchgate.net/publication/254238856_The_nature_of_udeskole_Outdoor_learning_theory_and_practice_in_Danish_schools</a></p>   |
| Singapore   | <ul style="list-style-type: none"> <li>Camping trips</li> <li>Trips abroad to study other cultures and climates</li> <li>Visits to ‘adventure centres’</li> </ul>        | <p><b>Focus:</b><br/>Dr. Goh Ken Suee’s “Outward Bound School”</p> <p><b>Audiences:</b><br/>Ranging from younger students to college level</p>  | <ul style="list-style-type: none"> <li>Publicly funded</li> <li>Fee for service</li> </ul>            | <ul style="list-style-type: none"> <li>Designed to build tenacity and with a focus on inclusiveness – to allow every child to thrive in a globalized environment</li> <li>Feeling connected to nature is linked to students holistic and creative thinking</li> <li>Objective is to provide important need for human minds to connect with sources of stimulation from nature – for children living in cosmopolitan areas</li> </ul>   | <p><a href="https://www.edu-quip.co.uk/blog/4-countries-who-are-championing-outdoor-learning-and-why-we-should-be-doing-the-same">https://www.edu-quip.co.uk/blog/4-countries-who-are-championing-outdoor-learning-and-why-we-should-be-doing-the-same</a></p> <p><a href="https://www.straitstimes.com/forum/letters-in-print/outdoor-education-develops-students-in-ways-classrooms-cant">https://www.straitstimes.com/forum/letters-in-print/outdoor-education-develops-students-in-ways-classrooms-cant</a></p>   |
| New Zealand | <ul style="list-style-type: none"> <li>Day</li> <li>Excursion based</li> <li>In-school</li> </ul>  | <p><b>Focus:</b><br/>Mandatory in curricula with strong physical education roots</p> <p><b>Audiences:</b> Primary and secondary schools (<b>note:</b> compulsory to be part of lesson plans for PE up to 14 years of age)</p> | <ul style="list-style-type: none"> <li>Publicly funding</li> <li>Fee for service (centres)</li> </ul> | <ul style="list-style-type: none"> <li>The specific aims of the outdoor education learning area were to “provide students with opportunities to develop personal and social skills, to become active, safe, and skilled in the outdoors, and to protect and care for the environment</li> <li>Adventure activities and outdoor pursuits that focus on physical skill development, fun, and enjoyment</li> <li>Adventure activities and outdoor pursuits that focus on the development of personal and interpersonal skills</li> <li>Learning about the traditions, values, and heritages of their own and other cultural groups</li> </ul> | <p>Ministry of Education</p> <p><a href="https://health.tki.org.nz/Teaching-in-HPE/Health-and-PE-in-the-NZC/Health-and-PE-in-the-NZC-1999/Key-areas-of-learning/Outdoor-Education">https://health.tki.org.nz/Teaching-in-HPE/Health-and-PE-in-the-NZC/Health-and-PE-in-the-NZC-1999/Key-areas-of-learning/Outdoor-Education</a></p> <p><a href="https://health.tki.org.nz/Key-collections/Curriculum-in-action/In-the-Outdoors">https://health.tki.org.nz/Key-collections/Curriculum-in-action/In-the-Outdoors</a></p> <p>Nature and Scope of OE in NZ</p> <p><a href="https://www.academia.edu/24470100/The_nature_and_scope_of_outdoor_education_in_New_Zealand_schools">https://www.academia.edu/24470100/The_nature_and_scope_of_outdoor_education_in_New_Zealand_schools</a></p> <p>Article: Outdoor School</p> <p><a href="https://gazette.education.govt.nz/articles/learning-and-growing-through-outdoor-education/">https://gazette.education.govt.nz/articles/learning-and-growing-through-outdoor-education/</a></p> |
| Italy       | <ul style="list-style-type: none"> <li>In-school</li> <li>Community excursions</li> </ul>  | <p><b>Focus:</b></p> <ul style="list-style-type: none"> <li>Not mandatory</li> <li>Reggio Emilia Approach</li> </ul> <p><b>Audiences:</b> Pre-school to 6 YOA</p>   | <ul style="list-style-type: none"> <li>Publicly funded</li> <li>Fee for service (private)</li> </ul>  | <p>The <a href="#">Reggio Emilia Approach</a> values:</p> <ul style="list-style-type: none"> <li>Children’s <i>relationships</i> with other children, teachers, parents and their classroom environment;</li> <li><i>Documentation</i> of the children’s learning as a way to make their thinking and theorizing visible - and convey a strong image of an intelligent child;</li> <li><i>Project work</i>, where children are engaged in explorations of their world, making choices about what they will investigate, and then together with their teachers and peers making meaning;</li> </ul>   | <p>Reggio Emilia</p> <p><a href="https://theconversation.com/reggio-emilia-how-a-city-in-italy-started-an-education-trend-25809">https://theconversation.com/reggio-emilia-how-a-city-in-italy-started-an-education-trend-25809</a></p> <p>CNN News Report: Reggio Emilia (video)</p> <p><a href="https://www.youtube.com/watch?v=XVv5ZL9nlgsReggion">https://www.youtube.com/watch?v=XVv5ZL9nlgsReggion</a></p> <p>Reggio Emilia Approach – La Scuola</p>  |

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|                  |  |   |   | <ul style="list-style-type: none"> <li>The many ways children express themselves, called the “<a href="#">100 Languages</a>” with a strong emphasis on the visual arts; and</li> <li><i>Active listening</i>, where children’s voices, thoughts and opinions are valued (as much as the teachers’).</li> </ul>  | <a href="https://www.lascuolasf.org/education/reggio-emilia-approach">https://www.lascuolasf.org/education/reggio-emilia-approach</a>   |
| Scotland         | <ul style="list-style-type: none"> <li>In-school</li> <li>Day centres</li> <li>Overnight centres</li> <li>Community exploration</li> <li>Field trips/excursions</li> </ul>   | <p><b>Focus:</b><br/>All staff at every level of involvement with the education of children and young people have a responsibility to make the most of the outdoor environment to support the delivery of the experiences and outcomes of <i>Curriculum for Excellence</i>.</p> <p><b>Audiences:</b> Primary and Secondary ages</p> | <ul style="list-style-type: none"> <li>Publicly funded</li> <li>Private Funding</li> <li>Fee for service</li> </ul> | <ul style="list-style-type: none"> <li><b>Curriculum for Excellence through Outdoor Learning</b> is designed to help teachers, educators, Community Learning and Development (CLD) and their partners, including the voluntary sector, plan opportunities for a series of planned, quality outdoor learning experiences to ensure that progressive and sustainable outdoor learning opportunities are embedded in the new curriculum.</li> <li>Looking at opportunities in the delivery of regular, low-cost, cross-curricular outdoor learning and learning for sustainability. Various involving teachers, children, local authorities and government policymakers</li> </ul> | <p>Curriculum for Excellence<br/><a href="https://education.gov.scot/Documents/cfe-through-outdoor-learning.pdf">https://education.gov.scot/Documents/cfe-through-outdoor-learning.pdf</a><br/>University of Edinburgh<br/><a href="https://www.ed.ac.uk/education/rke/making-a-difference/outdoor-learning-and-policy-development-scotland">https://www.ed.ac.uk/education/rke/making-a-difference/outdoor-learning-and-policy-development-scotland</a></p>  |
| British Columbia | <ul style="list-style-type: none"> <li>In-school</li> <li>Outdoor learning centres <ul style="list-style-type: none"> <li>Day</li> <li>Overnight</li> </ul> </li> </ul>  | <p><b>Focus:</b><br/>Built into new provincial curriculum<br/>Outdoor education as part of:</p> <ul style="list-style-type: none"> <li>PE curriculum</li> <li>Environmental Learning curriculum</li> <li>in schools/resources for teachers</li> </ul> <p><b>Audiences:</b> Primary and Secondary Ages</p>                           | <ul style="list-style-type: none"> <li>Publicly funded</li> <li>Fee for service</li> </ul>                          | <ul style="list-style-type: none"> <li>Participation in outdoor activities allows for the development of skills in a complex and dynamic environment</li> <li>Spending time outdoors allows us to develop an understanding of the natural environment, ourselves, and others</li> <li>Participating safely in outdoor activities requires communication, teamwork, and collaboration</li> <li>Participation in outdoor activities allows for the development of leadership skills that can be applied in a variety of contexts and environments.</li> </ul>   | <p>BC’s New Curriculum<br/><a href="https://curriculum.gov.bc.ca/curriculum/physical-health-education/11/outdoor-education">https://curriculum.gov.bc.ca/curriculum/physical-health-education/11/outdoor-education</a></p> <p><a href="https://curriculum.gov.bc.ca/curriculum/physical-health-education/11/outdoor-education">https://curriculum.gov.bc.ca/curriculum/physical-health-education/11/outdoor-education</a></p> <p>Gov’t of BC – environmental learning resources for teachers<br/><a href="https://www2.gov.bc.ca/gov/content/education-training/k-12/teach/teaching-tools/environmental-learning">https://www2.gov.bc.ca/gov/content/education-training/k-12/teach/teaching-tools/environmental-learning</a></p> <p>CBC article<br/><a href="https://www.cbc.ca/news/canada/british-columbia/outdoor-school-salmon-arm-1.4824850">https://www.cbc.ca/news/canada/british-columbia/outdoor-school-salmon-arm-1.4824850</a></p> |
| California       | <ul style="list-style-type: none"> <li>In-school/school grounds</li> <li>in the local community <ul style="list-style-type: none"> <li>Residential outdoor science programs</li> <li>Museums</li> <li>Aquariums</li> </ul> </li> </ul> | <p><b>Focus:</b></p> <ul style="list-style-type: none"> <li>Goal to integrate environmental literacy into academic standards,</li> </ul>  | <ul style="list-style-type: none"> <li>Publicly funded</li> <li>Fee for service</li> <li>Grants</li> </ul>          | <ul style="list-style-type: none"> <li>Recognizing that critical environmental concerns face California, the California Environmental Literacy Task Force was created to think deeply about how to build a future for an environment that is sustainable, healthy, prosperous, and equitable.</li> </ul>  | <p>California Department of Education – Environmental Education and Environmental Literacy<br/><a href="https://www.cde.ca.gov/pd/ca/sc/oeintrod.asp">https://www.cde.ca.gov/pd/ca/sc/oeintrod.asp</a></p> <p>Blueprint for Environmental Literacy</p>  |

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|  | <ul style="list-style-type: none"><li>○ Science centers</li><li>○ Etc.</li></ul> | <p>curriculum, textbooks, professional learning, etc.</p> <ul style="list-style-type: none"><li>• Environmental literacy embedded into formal instruction for History-Social Science standards.</li></ul> <p><b>Audiences:</b></p> <ul style="list-style-type: none"><li>• K-12</li><li>• Post secondary</li><li>• Professional</li></ul> |  | <ul style="list-style-type: none"><li>• The resulting report, <i>A Blueprint for Environmental Literacy: Educating Every Student In, About, and For the Environment</i> provides guiding strategies and recommendations to realize the ambitious goal of achieving environmental literacy for all California students.</li><li>• Purpose of the <i>Blueprint</i> is to expand access to environmental literacy and healthy, green learning environments, ensuring availability of high-quality instructional materials, ensuring integration between formal and informal education systems, defining environmental literacy learning outcomes and assessment, cultivating sustainable funding sources, ensuring availability of high-quality educator professional learning, and increasing access to environmental literacy experiences for California's diverse populations</li></ul> | <p><a href="https://www.cde.ca.gov/pd/ca/sc/documents/envronliteracyblueprint.pdf">https://www.cde.ca.gov/pd/ca/sc/documents/envronliteracyblueprint.pdf</a></p> |
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## **WORKSHOP**

### **RES.#OETF5/20 - MOTION TO REFER**

Moved by: Rowena Santos  
Seconded by: Will Davies

**WHEREAS item 10.1 Values, Principles and destinations workshop is held for the purpose of training advisory board members and no decisions are to be made, but rather this meeting is an opportunity to have an informal discussion regarding various matters in accordance with the TRCA Board of Directors Administrative by-Law;**

**THEREFORE, LET IT BE RESOLVED THAT item 10.1 Values, Principles and Destinations Workshop be referred to a special Outdoor Education Task Force (OETF) workshop session to be held immediately following the conclusion of the meeting of the OETF.**

**CARRIED**

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## **ADJOURNMENT**

ON MOTION by Rowena Santos, the meeting terminated at 7:42pm, on Monday, January 20, 2020.

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Garry Tanuan  
Chair

/am

### Items for the Information of the Outdoor Education Task Force

**TO:** Chair and Members of the Outdoor Education Task Force  
Meeting #2/20, Monday, June 15, 2020

**FROM:** Darryl Gray, Director, Education and Training

**RE:** **CURRENT STATE OF OUT-OF-CLASSROOM LEARNING RELATED TO  
NATURAL SCIENCE, CONSERVATION AND THE ENVIRONMENT –  
UPDATED REPORT**

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#### KEY ISSUE

Updated summary of responses and analysis of data received from Outdoor Education Task Force member school boards regarding out-of-classroom learning related to natural science, conservation and the environment.

#### RECOMMENDATION

**WHEREAS the Outdoor Education Task Force (OETF) has been convened to study, develop and recommend strategic future directions related to out-of-classroom learning within the areas of jurisdiction of TRCA and participating school boards;**

**AND WHEREAS on November 19, 2019, Trustee Garry Tanuan, Chair, Outdoor Education Task Force issued a questionnaire to receive feedback from member school boards regarding the current state of programs and policies at their school boards with respect to out-of-classroom learning related to natural science, conservation and the environment;**

**AND WHEREAS an initial summary report was provided to OETF members at meeting #1/20 held on January 20, 2020;**

**AND WHEREAS this report will remain as a living document and will be updated as required to support the development of recommendations by OETF members;**

**AND WHEREAS additional feedback was received from OETF member organizations following meeting #1/20 held on January 20, 2020;**

**THEREFORE, IT IS RECOMMENDED THAT the attached updated summary report and analysis of data (Version 2.0) prepared by TRCA staff be received.**

#### BACKGROUND

At Task Force Meeting #1/19 held on October 7, 2019, the Outdoor Education Task Force approved Resolution #OETF5/19, in part, as follows:

*... THAT the following Mandate, Objectives and Timelines of the Outdoor Education Task Force be endorsed;*

*AND THAT the Outdoor Education Task Force Work Plan and Timelines as outlined in this report be approved.*



## Item 8.1

An initial deliverable of the Outdoor Education Task Force (OETF) workplan consisted of the inventory and assessment of the current state of out-of-classroom learning policies and programs related to natural science, conservation and the environment at area and participating school boards. To facilitate this research, a questionnaire was developed to gain contextual information and useful background details to guide recommendations and/or further research. The questionnaire was circulated to OETF members by email on November 19, 2019.

A preliminary report on the current state was prepared for OETF meeting #1/20 in January 2020. Following this report, feedback was received from three additional member school boards (for a total of six school boards) plus TRCA. The current state report was updated with the additional feedback and analysis of the data collected was undertaken.

Key findings specific to natural science, conservation and the environment out-of-classroom learning indicate the following:

- DPCDSB, TDSB, YCDSB and YRDSB have strong value statements that are specific to natural science, conservation and environmental out-of-classroom learning.
- DPCDSB and YRDSB have formalized their commitment through policies specific to Outdoor Education while TRCA and other OETF member school boards do not.
- OPHEA Guidelines are followed by all OETF member organizations including TRCA.
- Some school boards have partnerships and agreements with other organizations to provide natural science, conservation and environmental out-of-classroom educational experiences (for example, TCDSB and YRDSB have agreements with TRCA), however school boards are not partnering with each other.
- An array of policies, plans and programs related to equity are in place by school boards to provide students with some access to outdoor education programming, however only DPCDSB, TDSB and YRDSB have mandated these experiences to every student in their board. Furthermore, TDSB and YRDSBs mandates covers multiple grades.
- TRCA does not have formal equity and inclusion policies, however there are social equity programs in place at TRCA to support financially challenged communities access programs through funded field trips and bus grants (target of approx. 20% of overnight bookings).
- Use of the Ministry of Education's Learning Opportunities Grant by school boards is varied, which is reflective of the inherent flexibility provided by the government for the allocation of these funds. School boards also supplement this funding through other sources such as parents/families, donations, and other school board budgets.
- DPCDSB, TDSB, TRCA and YRDSB operate outdoor education centres in the Toronto region. At YRDSB, supplementary funding beyond the Learning Opportunities Grant for the operation of these facilities is required and is allocated from other school board operating budgets. TDSB also generates revenue through summer and weekend programming and third-party site bookings.
- The year-round operation of TRCA outdoor education centres is funded through user fees, agreements, municipal funding, grants and private fundraising.

## Item 8.1

- OETF member organizations that operate outdoor education centres have mechanisms to obtain feedback from teachers related to out-of-classroom natural science, conservation and environmental learning experiences. None of the responding organizations have formal feedback mechanisms that involved student participants.
- OETF member organizations seek appropriate ways to support and integrate the Indigenous voice into out-of-classroom learning related to natural science, conservation and the environment.

A gap analysis of the data and information collected was undertaken to compare the current state of out-of-classroom learning related to natural science, conservation and the environment in the Toronto region with the desired future state. Preliminary gaps were identified and include the following:

- No cohesive values system that acknowledges the impacts of urbanization on students/young people.
- Inconsistent access to curriculum-linked learning experiences.
- Little collaboration or sharing of programming between school boards.
- Inconsistent and inequitable access to assets and infrastructure.
- Little to no sharing of assets within the public system.
- Inconsistent and inequitable access to assets and infrastructure.
- No strong framework for how funding is used.
- The cost of transportation to out-of-classroom learning needs to be considered.
- Inconsistently applied policies.

This report and enclosed analysis will remain as a living document and will be updated as required to facilitate the collaborative development of strategic future directions connected to out-of-classroom learning related to natural science, conservation and the environment in the Toronto region by the OETF membership.

### **RATIONALE**

The OETF has been convened in order to establish a strategic planning framework for the long-term provision of out-of-classroom learning related to natural science, conservation and the environment that serve students of the Toronto region while maximizing the use and value of public assets and infrastructure.

The current state summary report will provide the groundwork for which the OETF can undertake its mandate through the formation of working groups.

### **Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan**

This report supports the following strategies set forth in the TRCA 2013-2022 Strategic Plan:

**Strategy 3 – Rethink greenspace to maximize its value**

**Strategy 5 – Foster sustainable citizenship**

**Strategy 6 – Tell the story of the Toronto region**

**Strategy 7 – Build partnerships and new business models**

### **DETAILS OF WORK TO BE DONE**

TRCA staff will continue to incorporate additional responses and data into the report and will circulate to OETF members as required.

**Report prepared by: Amy Thurston, extension 5878**

**Email: [amy.thurston@trca.ca](mailto:amy.thurston@trca.ca)**

## Item 8.1

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**Attachments: 1**

Attachment 1: Current State of Out-of-classroom Learning Related to Natural Science, Conservation and the Environment. Summary Report, Version 2.0.

# Current State of Out-of-classroom Learning Related to Natural Science, Conservation and the Environment

Updated Report

March 8, 2020 (Version 2.0)

## Executive Summary

Toronto and Region Conservation Authority (TRCA) has convened a multi-stakeholder Outdoor Education Task Force (OETF) to study, develop and recommend strategic future directions connected to out-of-classroom learning related to natural science, conservation and the environment in the Toronto region. The Task Force membership is comprised of elected officials from local school boards and TRCA's Board of Directors.

An initial deliverable of the OETF workplan consisted of an inventory and assessment of the current state of out-of-classroom learning policies and programs related to natural science, conservation and the environment with member organizations.

To facilitate this research, a questionnaire was developed to gain contextual information and useful background details to guide recommendations and/or further research. The questionnaire was circulated to OETF members by email in November 2019.

An initial report on the current state was prepared for OETF meeting #1/20 in January 2020. Following this report, feedback was received from three additional member school boards (for a total of six school boards) plus TRCA. The current state report was updated with the additional feedback and analysis of the data collected was undertaken.

This report provides a summary of key findings and an initial analysis of the data collected benchmarked against the objectives of the OETF through a gap analysis (Appendix A). The responses received from member organizations has been organized and summarized for reference.

This report will remain as a living document and will be updated as required to facilitate the collaborative development of strategic future directions connected to out-of-classroom learning related to natural science, conservation and the environment in the Toronto region by the OETF membership.

## Objectives and Methodology

As outlined in Appendix A-Toronto and Region Outdoor Education Task Force Terms of Reference, approved at Authority Meeting #6/18, held on July 20, 2018, Resolution #A141/18, the objectives of the Task Force are to:

- Develop a framework for the long-term provision of out-of-classroom learning experiences related to natural science and the environment that meets the needs of the student population to the year 2040.

- Provide recommendations to strengthen and enable partnerships and collaboration between public sector agencies that maximize the use and value of public assets and infrastructure.
- Provide expertise and recommendations on strengthening experiential connections between the urban and natural environments, with consideration for the impact of urban intensity on student access to greenspace and natural systems.
- Provide recommendations related to long-term financial sustainability, including, but not limited to:
  - Government funding programs
  - Private grants, fundraising and endowments
  - Alternative business models (co-operatives, social enterprises, etc.).
  - Other funding models.

To realize these goals and develop recommendations for the future direction of out-of-classroom learning related to natural science, conservation and the environment in the Toronto region, an inventory and assessment of the current state of out-of-classroom learning policies and programs was undertaken with OETF member organizations including school boards and TRCA.

To understand the current state, a questionnaire was circulated to OETF members by email on November 19, 2019. The feedback form included the following 11 questions:

1. School Board Name:
2. What are the values and/or principles that guide the policies related to natural science, conservation and environmental out-of-classroom learning at your School Board?
3. Please list the policies at your school board that are related to natural science, conservation and environmental out-of-classroom learning. Please provide links or copies of any relevant policies (this may include policies related to day trips, overnight trips, off school property walking excursions, low/high risk activities, supervision and ratios).
4. What procedures are involved to approve a trip?
  - a. What is the typical lead time to plan a trip?
  - b. What paperwork is involved?
  - c. What levels of approval are necessary (day trip versus overnight trip)?
  - d. Please tell us about any other processes and procedures required.
5. Please tell us who you are currently partnering with for natural science, conservation and environmental out-of-classroom learning at your school board? (Approved vendor lists, foundations, etc.
6. How is your school board currently allocating the funding received through the Learning Opportunities Grant provided by the Ontario Ministry of Education, including specific activities, such as field trips, professional development, etc.?
7. What are your other outdoor education funding sources?

8. Does your school board have any policies or programs to ensure equitable access to outdoor educational facilities?
9. Does your School Board currently obtain feedback from students and/or teachers about their outdoor education trips & experiences along with their vision regarding out-of-classroom learning? If yes, please tell us how?
10. Does your School Board currently have practices that support or integrate the Indigenous voice into out-of-classroom learning related to natural science, conservation and the environment?
11. Does your Board have any further comments or suggestions that you would like us to consider?

As of March 2020, feedback from the following OETF member organizations has been received:

- Conseil Scolaire Catholique MonAvenir (CSC MonAvenir)
- Dufferin Peel Catholic District School Board (DPCDSB)
- Toronto and Region Conservation Authority (TRCA)
- Toronto Catholic District School Board (TCDSB)
- Toronto District School Board (TDSB)
- York Catholic District School Board (YCDSB)
- York Region District School Board (YRDSB)

The feedback collected was organized and supplemented with additional details from school board websites where needed. The data and information were reviewed, and key findings and general trends have been summarized.

Additionally, a gap analysis of the data and information collected was undertaken to compare the current state of out-of-classroom learning related to natural science, conservation and the environment in the Toronto region with the desired future state, as defined by the Task Force objectives above.

## Findings and Analysis

A summary of key findings and gaps related to natural science, conservation and environmental out-of-classroom learning can be found in Appendix A.

## Responses from OETF Member Organizations

Responses and feedback received from OETF members is summarized below.

### Values and/or principles that guide policies related to natural science, conservation and environmental out-of-classroom learning

Similar general statements were provided by responding school boards with respect to the overarching values and principles that guide their school boards out-of-classroom learning (defined by all school boards generally as an educational excursion or activity that have students leaving school property). These include:

- Educational purpose/curriculum related
- Safe
- Inclusive
- Diverse (to include activities related to language, culture, faith, sports and the arts)
- Accessible (regardless of socio-economic status, special needs)
- Student focused and appropriate (age, maturity, experience, health, skill physical abilities and exceptionalities, cultural, faith-based)
- Respectful of values
- Considerate of funding, training, supervision, risk management, contingency planning and evaluation

Several responding OETF member organizations have established values and/or principles that are specific to natural science, conservation and environmental out-of-classroom learning. Their responses are provided below.

#### **DPCDSB**

Outdoor Education is an important part of experiential learning for all students. In particular, as a Catholic school board, elevating our students' appreciation for the glory of God's creation is of focused importance to us. Outdoor education compliments our science education and offers students an opportunity to learn in an environment we believe enhances their sense of well-being.

The Dufferin-Peel Catholic District School Board operates one centre offering a range of Outdoor Education. Silver Creek was opened in 1987. The centre and the assigned teachers at Silver Creek are available to support outdoor education objectives of all elementary and secondary classes.

Outdoor Education is one significant aspect of a broader category of environmental education across the curriculum as described in *Acting Today, Shaping Tomorrow: A Policy Framework for Environmental Education in Ontario Schools*, 2009, and in the *Standards for Environmental Education in the Curriculum*, 2008.

**DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD OUTDOOR EDUCATION PHILOSOPHY: NOT RESTRICTED TO THE SILVER CREEK SITE** For the pillars of the earth are the Lord's, and on them he has set the world. Samuel 2:8

1. Experiences in Outdoor Education should be available to every child at every grade level.
2. Students should have access to out-of-classroom education to include all outdoor studies in the school year, community, and natural surroundings, and including studies in buildings other than the school.
3. Every child should have the opportunity to participate in residential or overnight educational programs because of the valuable experiences that they offer for intellectual, social, and emotional growth.
4. Outdoor Education need not be restricted to natural science, but should encompass all facets of learning.
5. Outdoor Education programs should incorporate training in recreational activities as a possible preparation for the profitable use of leisure time. Unless children learn to appreciate and respect the out-of-doors, conservation programs are in jeopardy.

## **TDSB**

From the Toronto Islands to the western edge of Algonquin Park, the TDSB's five day and five overnight centres make the most of their geography, local ecosystems and resources to provide dynamic learning experiences for more than 90,000 TDSB students each year.

Our highly qualified staff are united by a common goal: immersing students in safe, active and enriching learning experiences in both natural and urban environments. From outdoor adventure and survival skills to 'sense of place' awareness, systems thinking and ecological literacy, students learn through curriculum-enriching direct experiences that cannot be duplicated within the walls of a classroom.

The value of these opportunities is recognized and supported by the TDSB – one of the few school boards in Ontario directly operating Outdoor Education Centres. This commitment ensures that all TDSB students have the opportunity to participate in programs at both day and overnight centres at least once during their elementary school years.

Opportunities for students in secondary schools are available through The Collaborative Leadership Program at the Etobicoke Field Studies Centre. Some centres also offer weekend leadership experiences and special programs.

During the summer, some centres offer traditional day/overnight camp experiences with an emphasis on the environment.

## **YCDSB**

- Catholic Social Teachings - Environmental Justice
- Ontario Catholic School Graduate Expectations - Responsible Citizen
- Social Studies- Many Gifts - Stewards of Earth
- Religious Education Program - K-12 - Environmental Justice
- Church teaching as outlined by Papal Encyclical Laudato Si



## **YRDSB**

The York Region District School Board is committed to providing students with multiple opportunities to learn in, of and about the natural world through outdoor education. The Board believes that the ultimate goal of outdoor education is to empower participants to contribute towards a sustainable community. The Board is dedicated to promoting outdoor education learning opportunities that allow all participants to experience the restorative benefits of being immersed in nature. The Board is committed to enhancing the lives of all learners through experientially profound outdoor education experiences that are connected to the curriculum and delivered at Outdoor Education Centres, schools and within the community.

In our 2018 Outdoor Education Review, the following priorities were identified. These align quite clearly with our Director's Action Plan and the YRDSB Multi-Year Plan.

- a) Nature Deficit Disorder in children is a serious current issue (Well-Being)
- b) Students & teachers in YRDSB want to be teaching/learning outdoors more often (Indigenous Education and Equity)
- c) The inquiry learning model and integrated studies make learning meaningful (Modern Learning)
- d) Strong system leadership and support can bring significant change- (Leadership)

## **TRCA**

TRCAs education and outreach programs support municipal and provincial objectives for environmental education in schools, build professional capacity and competitiveness in the region's sustainable economic sectors, and engage the broader population to become active in developing healthy, sustainable communities. Formal and non-formal education and training is delivered to develop a culture of life-long learning for residents of all ages at TRCA education centres, academic institutions and in the community.

Objectives specific to school programs:

- Improve knowledge, understanding and awareness related to environment, conservation, and sustainability issues and translate knowledge into actions that improve the sustainability of the Toronto region.
- Promote positive behavioral change to foster individual and social health and well-being
- Enhance social equity and equalize access of youth to environmental education and leadership development experiences
- Contribute to integrated TRCA Community Outcome objectives

TRCA designs and delivers environmental education programs that complement provincial curriculum outcomes and objectives. This approach leverages TRCA's long-standing relationships with district school boards in the co-creation of programs tailored for both classroom and TRCA field trip locations.

Additionally, out-of-classroom learning related to natural science, conservation and the environment is supported through Strategy 5 – Foster sustainable citizenship – in TRCAs 2013-2022 Strategic Plan, specifically:

*Engage school boards and governments in discussions on how to achieve cost efficient and equitable access for students to curriculum out of class nature – science based educational activities.*

### Policies and procedures related to natural science, conservation and environmental out-of-classroom learning

An inventory of school board policies and procedures related to natural science, conservation and environmental out-of-classroom learning can be found in Appendix B. Depending on the school board, this may include policies related to outdoor education, day trips, overnight trips, off school property walking excursions, low/high risk activities, supervision/ratios and equity. Additionally,

- All school boards indicated that excursions including outdoor education activities are guided by the Ontario Physical Education Safety Guidelines which are managed by the Ontario Physical and Health Education Association (OPHEA) and represent the minimum standard for risk management practice for school boards in Ontario.
- DPCDSB and YRDSB have specific policies that support outdoor education objectives at their school boards.
- CSC MonAvenir, TDSB and YRDSB have policies that support environmental education and sustainable facility management practices.
- TRCA does not have formal policies specific to outdoor education or natural science conservation and environmental out-of-classroom learning however, TRCA education centres are committed to providing a safe and healthy learning environment for all visitors to our facilities. This standard is achieved by following the policies and guidelines of the visiting school board (supervision ratios etc.) and adhering to the Ontario Physical and Health Education Association (OPHEA) Guidelines as a minimum standard.
- Additional policies and procedures are in place at TRCA education centres where an added level of safety is required, or specific guidelines are needed. For example, TRCAs Working in and Around Water (non-watercraft) policy and procedure ensures the safety of participants, TRCA staff and volunteers from hazards associated with working in and around water. Each TRCA education facility have a site-specific Emergency Action Plan (EAP) to protect human health and safety, ensure that there is a coordinated response to emergency situations and minimize damage to property and infrastructure in the event of an emergency.

### Current partners, organizations and locations

DPCDSB (1 Day Centre), TDSB (4 Day Centres, 5 Overnight Centres), TRCA (4 Day Centres, 3 Overnight Centres and Conservation Parks for sport activities and festivals) and YRDSB (5 Day Centres) operate outdoor education centres within the Toronto region. A detailed inventory of conservation authority and school board operated outdoor education centres can be found in

OETF Agenda #1/19, October 7, 2019 (Item 10.1 Summary Report on Outdoor Education Centres).

An inventory of vendors, organizations and locations that responding school boards are currently partnering with for natural science, conservation and environmental out-of-classroom learning is outlined below.

- Adventureworks
- Bird Studies Canada
- Blue Mountain
- Camp Robin Hood
- Camp Tournesol
- Centre Notre Dame de la Rouge
- Conservation Authorities
  - Credit Valley Conservation Authority (Silver Creek Conservation Area)
  - Lake Simcoe Region Conservation Authority (Scanlon Creek, Outreach)
  - Toronto and Region Conservation Authority (Albion Hills Field Centre, Kortright Centre for Conservation, Lake St. George Field Centre, Bruce's Mill Conservation Area, Outreach/Watershed on Wheels, Swan Lake Partnership, Burlington Outdoor Resource Centre Partnership)
- Earth Tracks
- EcoSchools Canada (formerly Ontario Eco-Schools)
- Education Leadership Centre (OELC)
- Envirothon
- Evergreen
- Georgina Island First Nation
- Learning for Sustainable Futures
- Monarch Teacher Network
- Municipal Community/Recreation Centres, Parks and play spaces (City of Brampton, City of Mississauga, Town of Caledon, Town of Newmarket, Town of Aurora, City of Markham, City of Richmond Hill, City of Vaughan, City of Toronto)
- Oak Ridges Moraine
- Ontario Provincial Parks
  - Sibbald Point Provincial Park and various other parks (Secondary Outdoor Credit Course trips)
- OPAL (Outdoor Play and Learning)
- Outdoor Council of Canada
- Outward Bound
- Bill Fisch Education Centre (Region of York)
- Lakehead University- Orillia Campus (staff)
- St-Louis / Moonstone
- Teen Ranch
- The McMichael Art Gallery
- Toronto Orienteering and Ontario Orienteering
- TRAILS Youth Initiatives
- Tree Bee

- Riverwood Conservancy (Enabling Garden)
- University of Toronto (OISE) / Natural Curiosity

The TDSB have developed an “Excursion Directory” which includes vendors who have been approved for schools to access after being reviewed by Legal, Risk Management and Academic Merit. While exceptions can be made, the expectation is that TDSB schools choose an approved vendor for activities deemed “High Care”.

TRCA have developed programs with a wide-range of partners, including school boards, municipalities, federal and provincial governments, non-government organizations (NGOs), social service agencies, philanthropic foundations and others.

### Ministry of Education Learning Opportunities Grant – Summary of allocation of funds by school boards

The Ontario Ministry of Education provides funding to school boards through a number of grants. The Learning Opportunities Grant provides funding to help students who are at greater risk of lower academic achievement and is made up of several allocations. Provision for funding to directly support outdoor education experiences for both elementary and secondary students is included under the Student Achievement Envelope.

Responses received by school boards on how they spend this grant varied which is reflective of the inherent flexibility provided by the government on how boards may use and allocate this funding. Allowable Outdoor Education expenses and school board examples are included below:

- Fees related to participation in outdoor learning activities provided by third-party organizations such as not-for-profit or community groups.

#### **TCDSB**

- Organizes and supports overnight school trips to third party outdoor education sites including Lake St. George Field Centre (through a formal agreement with TRCA), Teen Ranch and Mansfield Outdoor Education Centre. Schools are offered trips on a rotating basis. Each elementary school within the TCDSB will be offered a trip approximately every 2 years. Funding is used to subsidize the cost of overnight accommodations, meals, and programming/activities. TCDSB schools may also independently book overnight trips at TDSBs Toronto Island Science School. The Grant is also used to fund day excursions for elementary and secondary students.

#### **YRDSB**

- Development of learning experiences for educators and students in a broad range of inquiry areas.
- Fees for safety-related training and/or certification for students and/or teachers, including professional development opportunities for teachers.

#### **TDSB**

- Certifications for staff, Modules of Learning for Classroom Teachers and ECEs and subsidize excursions.

#### **YRDSB**

- Outdoor Council of Canada field leader program.
- Enlisting the expertise and/or facilities/resources of community agencies in outdoor learning activities.

#### **YRDSB**

- Summer Institute, Residential Program, Georgina Island.
- Transportation costs to destinations within the Province of Ontario.

#### **DPCDSB/TDSB/YRDSB**

- Busing to outdoor education centres, Transportation for inquiry learning and secondary outdoor learning, credit courses, overnight trip subsidy.
- Teacher release time related to the Outdoor Education initiative/field trips within the Province of Ontario.

#### **YRDSB**

- Professional learning, supporting student learning, safety training.

### Summary of other outdoor education funding sources

Additional funding sources provided by school boards include:

- Donations
- Parents
- School board budgets
- School budgets
- Student user fees
- Retreat funds (DPCDSB)

For school boards that operate their own outdoor education centres, costs to operate these facilities are funded through separate school board budgets. TDSB indicated that they also generate revenue through summer programming third-party site bookings and programming outside of school parameters (weekends, and summer).

Funding for TRCA education programs and facilities is derived from a wide range of sources, including:

- User Fees – Fees paid by students, parents, schools or school boards, professionals, businesses and others.

- Agreements – Formal partnerships or lease agreements for the provision of learning opportunities for students and professionals from a range of sectors, including school boards (TCDSB, YRDSB), colleges, universities, corporations and others. These agreements provide for a range of learning opportunities, including the lease of space, provision of classroom space, provision of teaching expertise, etc.
- Federal Funding – Capital funding for major retrofit projects ( example - Facility upgrades at Kortright Centre for Conservation, Claremont Nature Centre Accessibility Upgrades)
- Provincial Funding – (example - Ontario Trillium Foundation grants for bee education program at Kortright Centre for Conservation)
- Municipal Capital – Municipal capital supports special program funding such as the Environmental Leaders of Tomorrow program d Peel EcoSchools (Peel Region).
- Private Fundraising – Private funders and philanthropic organizations support specific programs or resources (example - Environmental Leaders of Tomorrow, Monarch Teacher Network, purchase of fat bikes at Albion Hills Field Centre).

Across the Toronto region, six school boards are currently participating in TRCA's Environmental Leaders of Tomorrow program (DCDSB, DPCDSB, PDSB, TCDSB, TDSB and YCDSB). This program provides a multi-phased subsidized overnight outdoor education experience for students attending high priority schools. This program is currently being funded through a combination of municipal capital funding provided by the Region of Peel and private funders including The W. Garfield Weston Foundation and others.

### Policies/programs to ensure equitable access to outdoor education facilities

All responding school boards have policies and or action plans that guide equity and inclusion of all students and schools within the school board.

School boards that operate outdoor education facilities provided specific examples related to out-of-classroom learning related to natural science, conservation and the environment.

#### **DPCDSB**

- An Outdoor Education Grant is available to all schools including all Special Education Programs.

#### **TCDSB**

- Through an agreement with TRCA, a set number of dates are provided for TCDSB elementary schools to book overnight elementary excursions at Lake St George Field Centre at a rate that is subsidized by the school board. Each elementary school within the TCDSB will be offered a trip approximately every 2 years.

#### **TDSB**

- Current mandate is that each elementary student should have access to 2 day visits between grades K-8, and 1 overnight experience between grade 5-8. TDSB also run a designated day program for secondary students. Once these “mandated” visits are

offered, additional opportunities are made available to additional classes at all sites for students K-12.

- The decision has been made to shift from collecting individual user fees from students to invoicing schools for a nominal amount for classes attending their Day sites.
- TDSB - User Fees at board operated Overnight Centres are based on a tiered sliding scale based on the Learning Opportunities Index (LOI).

## **TRCA**

- While TRCA do not have a specific policy or mandate regarding equitable access to their outdoor education facilities, through social equity programs such as Environmental Leaders of Tomorrow, TRCA are able to support financially challenged communities access overnight opportunities through funded field trips and bus grants (target of approx. 20% of overnight bookings).

## **YRDSB**

- All grade 2, 4 and 7 students participate in outdoor learning opportunities at school board run Outdoor Education Centres.
- Specific transportation requirements for students are covered by the board including the provision of funding to subsidize transportation and program costs for credit course outdoor education programming.
- Decisions around program design and facility renewal are guided by Accessibility for Ontarians with Disabilities Act (2005) principles.

## Practice of obtaining feedback from students and/or teachers about their outdoor education trips and experiences and vision

While both the TCDSB and YCDSB indicated that they currently obtain feedback from educators after participating in a field trip or professional development activity, the surveys they fill out are general in nature and are not specific to outdoor education activities.

Some OETF member organizations provided examples specific to outdoor education including:

## **DPCDSB**

- Silver Creek Outdoor Education Centre collects student feedback letters regarding their outdoor experiences.
- Teachers track using exit and feedback tickets as well as observational assessments.
- The Board tracks use of Outdoor Education funding and Silver Creek bookings.

## **TDSB**

- After every visit to the board run education centre, a feedback form is given to the visiting teacher(s). Student exit cards, debriefing and surveys are also practiced in different forms at different sites with different grade levels.

## TRCA

- Formal post-trip surveys are provided to teachers to obtain feedback on their experience at both day and overnight education facilities. These surveys are provided for both single and multi-day experiences and touch on both feedback regarding the facility itself as well the programming received. Program specific feedback is also requested from teachers for special programs such as Environmental Leaders of Tomorrow (ELT), Specialist High Skills Major (SHSM) programs and teacher professional development workshops.

## YRDSB

- Professional learning communities (including Grade 2 and 4 teachers, Eco School teams, secondary Outdoor Education course teachers, Secondary Geography and Science Heads) have engaged in visioning activities to support the direction of professional learning as well as the identification of specific opportunities for student learning.

## Practices that support or integrate the Indigenous voice into out-of-classroom learning related to natural science, conservation and the environment

Several OETF member organizations indicated that they currently have programs that support or integrate the Indigenous voice into out-of-classroom learning related to natural science, conservation and the environment. An overview of opportunities is provided below.

## DPCDSB

Through the Indigenous Consultant, the Equity and Program Departments there are several professional development opportunities offered to teachers, schools and classrooms including:

- **NTIP: Deepening Our Understanding of Our Relationships with Indigenous Peoples** - Tehahenteh Miller a Mohawk Elder from the Six Nations of the Grand River provides participants with a historical timeline overview of the Onkwehonwe (Iroquois) people, the Haudenosaunee Confederacy and their relationship with the Anishinaabek people, and how they come to now be living here in this territory.
- **Indigenous Education School Presentations** - Presentations on various topics can be booked. Environmental stewardship and sustainability through Indigenous knowledge are one example of a workshop being offered.
- **Indigenous Artist Available for School Presentations**
  - **No Word for Art – Exploring the Roots of Indigenous Creativity** - Explores the Indigenous creative process, meaning and methods from a historical context to a contemporary perspective. One, two- and three-day sessions are offered. Presentations and activities such as Hair Pipe Bracelet, Deer Hide Miniature



Moccasins, Beaded Corn Fob, Medicine Bag, Tiny Turtles Beaded Medallion, Native Beaded Strawberry can be chosen depending on the session

- **Wesli Day- Guest speaker for schools** - Presentations covering an array of topics including Indigenous Multi Media (past, present and future), Indigenous Hip Hop Culture, Addressing Indigenous stereotypes, Environmental stewardship and sustainability through Indigenous knowledge, Indigenous treaties (pre- and post-contact).
- **Lessons From the Earth (two-day in-service): Storytelling, Art & Indigenous Knowledge** - Grounded in a traditional Anishinaabe story, Jiig Nong Aadsookan (The Sacred Fisher Story), participants will interact with digital resources & iBooks that provide a practical application of Indigenous Knowledge within the classroom. Produced in collaboration with many Traditional Teachers and Elders, this resource will give students a glimpse into the old stories of the Indigenous Peoples from this land in order to further understand the connection to the great spirit, our Mother Earth.
- **Storytelling with Author Isaac Murdoch** - Isaac Murdoch will be sharing stories from his new book THE TRAIL OF NENABOOZHOO and Other Creation Stories. This collection presents legends of Nenaboozhoo, the Ojibway creator spirit, along with other creation stories; sacred stories which were transcribed from the oral storytelling of Isaac Murdoch. The Trail of Nenaboozhoo and Other Creation Stories is a book of art and storytelling that preserve the legends of the Anishinaabe people.

#### TCDSB

- Through the Indigenous Education Department at the TCDSB, students can apply to participate at no charge in the Gathering of Nations Summer Camp for Indigenous Students, a high school credit course that includes a trip to a camp in Muskoka as part of the course. The mission of this program is: to provide Indigenous students and those Indigenous students who are considered at-risk with Secondary School credit courses in a safe and caring environment based on the philosophies, aesthetics, and worldviews of Indigenous peoples in Canada.

#### TDSB

- Through the Urban Indigenous Outdoor Education Centre (UIEC) and other departments, every site offers a variety of programs which have an Indigenous focus including integrating differing world views.
- During the 2018-19 school year, the “Learning from the Land” Conference supported classroom teachers to take students out of the classroom and highlight the “Get Outside Month” Lessons which had an Indigenous focus in May 2019.

#### TRCA

- **Indigenous Studies Program (offered at TRCAs Education Centres)** - In this curriculum-linked program students learn about the history and culture of Canada’s First Peoples, including their migration from Northeast Asia. The program provides a window onto their daily life and includes activities that simulate the important traditions of

hunting, gathering and trading, the use of fire bows, baking bannock (bread) over a fire, and/or Indigenous games.

- **Coueurs de Bois (offered at TRCAs Education Centres)** - This curriculum-linked program introduces students to the lifestyle of the coureurs de bois (“Runners of the Woods”) the early French settlers who traded with Indigenous Peoples for furs. Students participate in an orienteering and bartering activity that simulates a season as a coureur de bois.
- **Nikibii Dawadinna Giigwag, in Anishinaabemowin (Manitoulin dialect) means Flooded Valley Healing.** - This program explores a participatory model for practice that includes the voices of Indigenous youth and Elders/Traditional Knowledge Keepers (TKK) in the planning and designing of green infrastructure.

Guided by Elders/TKK, professionals and practitioners, this initiative provides Indigenous youth with employment opportunities, an introduction into sustainable design building, hands-on ecological learning opportunities and aims to address a growing inter-generational gap on traditional environmental knowledge.

- **Boyd Archeological Field School** - Founded in partnership with the Royal Ontario Museum and TRCA in 1975, the Boyd Archaeological Field School (BAFS) is Canada’s only high school credit course offering students the opportunity to earn Ontario High School Credits while participating in real archaeological fieldwork. The Boyd Archaeological Field School takes place at the Claremont Nature Centre. Students gain important background material on archaeology and Indigenous history through online learning and classroom sessions and get full on-the-job training in real archaeological skills including excavation of a real archaeological site. Additionally, the Sebastian Scholarship which covers the full tuition for the course is available to any Canadian high school students of First Nations, Métis or Inuit heritage. Two scholarships are awarded annually.
- **Sugar Bush Maple Syrup Festival (Kortright Centre for Conservation and Bruce’s Mill Conservation).** - The Sugar Bush Maple Syrup Festival is a yearly program that offers school groups the opportunity to experience demonstrations and activities related to maple syrup. The First Nations process of making maple syrup for food and medicine is integrated into programming and demonstrations.

## YCDSB

- YCDSB supports and integrates the Indigenous voice into out-of-classroom learning related to natural science, conservation and the environment through their Indigenous Steering Committee

## YRDSB

- Collaborate directly with members of the First Nations, Metis and Inuit (FNMI) team at Inclusive Schools and Community Services in the design of learning opportunities for staff and students. One example is the four part “Natural Curiosity” professional learning community with OISE, the FNMI team, partners on Georgina Island and YRDSB educators.
- Engaged directly with the Chippawas of Georgina Island to support learning opportunities for staff and students in these areas through professional learning

opportunities (including visits to Georgina Island and facilitated learning sessions provided by the community for students and educators) and student activities (such as SHSM ICE challenges, with “empathy sessions” supported by Indigenous facilitators).

### Additional comments and suggestions

The following feedback was provided:

#### **TCDSB**

- The TDSB has their own outdoor education centers, and do not use any of the other school board centers and they do not allow TCDSB to program at their locations.
- The health and well-being of our students is always our top priority, and the Board is always looking for ways to encourage healthy and active lifestyles.
- We always welcome the opportunity to partner with other boards, other levels of government, Toronto Public Health and others who share our commitment to health and well-being.
- TCDSB already has some sharing arrangements in place with the City and coterminous school board to share outdoor play space, swimming pools and the like. In terms of curriculum, TCDSB is committed to ensuring that programming is delivered by Catholic teachers who ensure that curriculum reflects Catholic teachings and values.
- School Boards are funded through Ministry of Education grants, therefore any need for additional resources—staffing or otherwise—would need to come through Provincial funding.
- We have limited funds at our disposal, and the Board makes every effort to channel funding to the neediest school communities who do not have the capacity to raise additional funds through the parent councils. Our Equity Action Plan focuses on our commitment to levelling the playing field as much as we can and trying to provide all students with the same opportunities regardless of the neighbourhood they live in.

#### Recommendations:

- Look for more opportunities for students
- Equitable access to outdoor learning sites and or centers
- Continued or improved funding to allow for even wider participation in Outdoor Education opportunities for as many students as possible
- Increased funding to allow more teachers from our board to offer opportunities to our students.
- Anchor outdoor education utilizing the DMOT to promote indigenous ways of learning that focuses on professional learning opportunities and capacity building on the following TRC’s calls to Action # 62 and 63:

62. We call upon the federal, provincial, and territorial governments, in consultation and collaboration with Survivors, Aboriginal peoples, and educators, to:

- i. Make age-appropriate curriculum on residential schools, Treaties, and Aboriginal peoples’ historical and contemporary contributions to Canada a mandatory education requirement for Kindergarten to Grade Twelve students.

- ii. Provide the necessary funding to post-secondary institutions to educate teachers on how to integrate Indigenous knowledge and teaching methods into classrooms.
- iii. Provide the necessary funding to Aboriginal schools to utilize Indigenous knowledge and teaching methods in classrooms.

63. We call upon the Council of Ministers of Education, Canada to maintain an annual commitment to Aboriginal education issues, including

- i. Developing and implementing Kindergarten to Grade 12 curriculum and learning resources on Aboriginal peoples in Canadian history, and the history and legacy of residential schools.
- ii. Sharing information and best practices on teaching curriculum related to residential schools and Aboriginal history.
- iii. Building student capacity for intercultural understanding, empathy, and mutual respect.
- iv. Identifying teacher-training needs relating to the above.

#### **YCDSB**

- Formation of Steering Committee to explore possibilities for enhancing student experience and assess the impact of the experience.
- Volunteer opportunities for Secondary students to develop their leadership and a greater awareness of environmental stewardship.

## Appendix A

# Current State of Out-of-classroom Learning Related to Natural Science, Conservation and the Environment

## Summary of Key Findings and GAP Analysis of Feedback

March 8, 2020

### Summary of Key Findings:

A summary of key findings specific to out-of-classroom learning experiences related to natural science, conservation and the environment is provided below:

- DPCDSB, TDSB, YCDSB and YRDSB have strong value statements that are specific to out-of-classroom learning experiences related to natural science, conservation and the environment.
- DPCDSB and YRDSB have formalized their commitment through policies specific to Outdoor Education while TRCA and other OETF member school boards do not.
- OPHEA Guidelines are followed by all OETF member organizations including TRCA.
- Some school boards have partnerships and agreements with other organizations to provide out-of-classroom learning experiences related to natural science, conservation and the environment (for example, TCDSB and YRDSB have agreements with TRCA), however school boards are not partnering with each other.
- An array of policies, plans and programs related to equity are in place by school boards to provide students with some access to out-of-classroom learning experiences related to natural science, conservation and the environment, however only DPCDSB, TDSB and YRDSB have mandated these experiences to every student in their board. Furthermore, TDSB and YRDSBs mandates covers multiple grades.
- TRCA does not have formal equity and inclusion policies, however there are social equity programs in place at TRCA to support financially challenged communities access programs through funded field trips and bus grants (target of approx. 20% of overnight bookings).
- Use of the Ministry of Education's Learning Opportunities Grant by school boards is varied, which is reflective of the inherent flexibility provided by the government for the allocation of these funds. School boards also supplement this funding through other sources such as parents/families, donations, and other school board budgets.
- DPCDSB, TDSB, TRCA and YRDSB operate outdoor education centres in the Toronto region. At YRDSB, supplementary funding beyond the Learning Opportunities Grant for the operation of these facilities is required and is allocated from other school board operating budgets. TDSB also generates revenue through summer and weekend programming and third-party site bookings.
- The year-round operation of TRCA outdoor education centres is funded through user fees, agreements, municipal capital funding, grants and private fundraising.
- OETF member organizations that operate outdoor education centres have mechanisms to obtain feedback from teachers on out-of-classroom learning experiences related to natural science, conservation and the environment. None of the responding organizations have formal feedback mechanisms that involved student participants.
- OETF member organizations seek appropriate ways to support and integrate the Indigenous voice into out-of-classroom learning experiences related to natural science, conservation and the environment.

GAP Analysis of Feedback:

A gap analysis of the data and information collected was undertaken to compare the current state of out-of-classroom learning related to natural science, conservation and the environment in the Toronto region with the desired future state, as defined by Outdoor Education Task Force objectives.

| OBJECTIVE  | DESIRED FUTURE STATE/<br>GOAL STATE   | CURRENT STATE   | GAP IDENTIFICATION/ DEFICIENCY   | ACTIONS/HOW            |
|--|---|---|--|------------------------|
| Theme/Focus Area (Taken from the OETF Terms of Reference Objectives) | Where would we like to be? (OETF exemplars included)  | Where are we now?   | Difference between desired state and current state   | How will we get there? |
| Needs of student/youth population                                    | <ul style="list-style-type: none"><li>- Students are equipped with the right skills necessary to succeed in the future.</li><li>- Students value and appreciate nature and the outdoors and understand their role in taking care of their environment.</li></ul> <p>Exemplar: DPCDSB, TDSB, YCDSB and YRDSB values statement</p>  | <ul style="list-style-type: none"><li>- Students are growing up in heavily urbanized environment with little access to greenspace on a regular basis.</li><li>- Students are spending less time outdoors in nature.</li><li>- The physical and mental well-being of our youth is being negatively impacted (Nature Deficit Disorder).</li><li>- Some school boards have strong value statements regarding out-of-classroom learning related to natural science, conservation and the environment.</li></ul>   | <ul style="list-style-type: none"><li>- No cohesive values system that acknowledges the impacts of urbanization on students/young people.</li></ul>  |                        |
| Access to programming  | <ul style="list-style-type: none"><li>- Equitable access to programs and services for students and youth across the Toronto region regardless of school board.</li><li>- Partnerships are created with organizations that have technical and scientific expertise (best knowledge &amp; skills). Lean on the strengths of individuals and organizations.</li></ul> <p>Exemplar: mandated multi grade access to curriculum-linked learning experiences at both day and overnight centres ( TDSB, YRDSB).</p> | <ul style="list-style-type: none"><li>- Students from K-12 are offered wide-ranging outdoor education experiences including in-school/school yard, local walking trips in community, day excursions off school property, overnight trips off school property.</li><li>- Variability of student experience is dependent on several factors including school board policy (mandated vs optional), administration/teacher interest/knowledge/comfort level, grade level, cost.</li><li>- Some school boards ensure every child has access to outdoor education and offer their students multiple opportunities to participate in outdoor education programming and</li></ul> | <ul style="list-style-type: none"><li>- Inconsistent access to curriculum-linked learning experiences.</li><li>- Little collaboration or sharing of programming between school boards.</li></ul> |                        |

| OBJECTIVE   | DESIRED FUTURE STATE/<br>GOAL STATE  | CURRENT STATE   | GAP IDENTIFICATION/ DEFICIENCY   | ACTIONS/HOW                   |
|---|--|---|--|-------------------------------|
| <i>Theme/Focus Area (Taken from the OETF Terms of Reference Objectives)</i> | <i>Where would we like to be? (OETF exemplars included)</i>  | <i>Where are we now?</i>  | <i>Difference between desired state and current state</i>  | <i>How will we get there?</i> |
|   |  | activities as they move through the school system.  |  |                               |
| Access to assets and infrastructure – Facilities                            | <ul style="list-style-type: none"> <li>- Maximize use and value of public assets and infrastructure.</li> </ul> <p><i>Exemplar: Agreement bookings with TRCA and TCDSB/YRDSB).</i></p>   | <ul style="list-style-type: none"> <li>- TDSB, YRDSB and DPCDSB operate outdoor education facilities (Day centres and overnight) and students from these school boards can attend these facilities.</li> <li>- Students from other school boards attend third-party outdoor education centres for their experiences.</li> <li>- Some school boards have agreements with third party organizations to provide outdoor education experiences while others do not and must rely on administrators and/or teachers to plan their experiences.</li> </ul>  | <ul style="list-style-type: none"> <li>- Inconsistent and inequitable access to assets and infrastructure.</li> <li>- Little to no sharing of assets within the public system.</li> <li>-</li> </ul> |                               |
| Access to greenspace and natural systems                                    | <ul style="list-style-type: none"> <li>- Strengthened experiential connections between the urban and natural environments (with consideration for the impact of urban intensity on student access).</li> <li>- Students feel safe and comfortable in nature and the outdoors.</li> </ul> <p><i>Exemplar:</i></p> | <ul style="list-style-type: none"> <li>- Students have access to their school yard daily, however school yard composition varies – some have greenspace and outdoor classrooms (or back on to publicly owned natural areas) while other spaces are heavily paved and fenced with little to no access to nature.</li> <li>- The Toronto region has an abundance of publicly owned greenspaces and natural areas including school yards, municipal parks, conservation parks, provincial and federal parks and outdoor education centres. Some of these spaces are free and some are accessible through user fees.</li> <li>- Variability of student access to greenspace and natural systems is</li> </ul> | <ul style="list-style-type: none"> <li>- Inconsistent and inequitable access to assets and infrastructure.</li> <li>-</li> </ul>   |                               |

| OBJECTIVE   | DESIRED FUTURE STATE/<br>GOAL STATE  | CURRENT STATE  | GAP IDENTIFICATION/ DEFICIENCY  | ACTIONS/HOW                   |
|---|--|--|---|-------------------------------|
| <i>Theme/Focus Area (Taken from the OETF Terms of Reference Objectives)</i> | <i>Where would we like to be? (OETF exemplars included)</i>  | <i>Where are we now?</i>   | <i>Difference between desired state and current state</i>   | <i>How will we get there?</i> |
|   |  | dependent on several factors including school board mandate, access to transportation, administration/teacher interest/knowledge/ comfort level and cost to participate.   |   |                               |
| Funding   | <ul style="list-style-type: none"> <li>- Long-term financial sustainability.</li> </ul>  | <ul style="list-style-type: none"> <li>- There is variability between school boards on how funding is used for outdoor education.</li> <li>- Ministry of Education funding is often used to support transportation costs for out-of-classroom learning.</li> <li>- School boards supplement their funding for outdoor education trips through other sources such as parents/families, donations, and from other school board budgets.</li> <li>-</li> </ul>  | <ul style="list-style-type: none"> <li>- No strong framework for how funding is used.</li> <li>- The cost of transportation to out-of-classroom learning needs to be considered.</li> </ul> |                               |
| Policies  | <ul style="list-style-type: none"> <li>- Strong policy statements that align across the Toronto region are established to support out-of-classroom learning related to natural science, conservation and the environment.</li> </ul> <p><i>Exemplar: DPCDSB and YRDSB Outdoor Education Policies; OPHEA Guidelines are followed by all school boards and TRCA.</i></p> | <ul style="list-style-type: none"> <li>- School boards have a variety of policies related to out-of-classroom learning in general. These policies also cover learning related to nature, conservation and the environment such as off school walking trips, day trips, overnight excursions, low/high risk activities, supervision and ratios)</li> <li>- DPCDSB and YRDSB have policies that address Outdoor Education specifically.</li> <li>- Some school boards have policies related to environmental responsibility, environmental education, equity and inclusion, healthy students etc.</li> </ul> | <ul style="list-style-type: none"> <li>- Inconsistently applied policies.</li> </ul>  |                               |



APPENDIX B

Inventory of school board policies, procedures and supporting documents

Current state of out-of-classroom Learning related to natural science, conservation and the environment

Sunday, March 8, 2020

| School Board  | Language | Title  | Type               | Link  | Year Created /Reviewed or Updated | Primary Focus Area  |
|---------------|----------|--|--------------------|---|-----------------------------------|---|
| CSC MonAvenir | French   | SORTIES ÉDUCATIVES ET ACTIVITÉS SCOLAIRES (PSE.11.0)   | Policy             | <a href="https://www.cscmonavenir.ca/publications/politiques/PSE.11.0.pdf">https://www.cscmonavenir.ca/publications/politiques/PSE.11.0.pdf</a>   | 2019                              | Out of classroom educational field trips and activities   |
| CSC MonAvenir | French   | PLANIFICATION DE LA MATERNELLE À LA 12E ANNÉE (PSE.6.3)  | Policy             | <a href="https://www.cscmonavenir.ca/publications/politiques/PSE.6.3.pdf">https://www.cscmonavenir.ca/publications/politiques/PSE.6.3.pdf</a>   | 2016                              | Planning student programs and activities  |
| CSC MonAvenir | French   | INCLUSION DES ÉLÈVES AYANT DES BESOINS PARTICULIERS (PSE.2.1)  | Policy             | <a href="https://www.cscmonavenir.ca/publications/politiques/PSE.2.1.pdf">https://www.cscmonavenir.ca/publications/politiques/PSE.2.1.pdf</a>   | 2016                              | Provision of equitable and inclusive education  |
| CSC MonAvenir | French   | ÉDUCATION ENVIRONNEMENTALE (PSE.5)   | Policy             | <a href="https://www.cscmonavenir.ca/publications/politiques/PSE.5.pdf">https://www.cscmonavenir.ca/publications/politiques/PSE.5.pdf</a>   | 2010                              | Environmental education and sustainable facility management   |
| CSC MonAvenir | French   | INCLUSION DES ÉLÈVES AYANT DES BESOINS PARTICULIERS (PSE.2.0)  | Policy             | <a href="https://www.cscmonavenir.ca/publications/politiques/PSE.2.pdf">https://www.cscmonavenir.ca/publications/politiques/PSE.2.pdf</a>   | 2016                              | Support and respect of all student needs  |
| DPCDSB        | English  | Outdoor Education (SECTION: 400 Curriculum, GAP# 403.00)   | Policy             | Not available online  | 2012                              | Supports Outdoor Education objectives at Silver Creek Outdoor Education Centre as well as outdoor education objectives of all elementary and secondary schools as an aspect of the broader category of environmental education across the curriculum as described in Acting Today, Shaping Tomorrow: A Policy Framework for Environmental Education in Ontario Schools, 2009, and in the Standards for Environmental Education in the Curriculum, 2008. |
| DPCDSB        | English  | Out-of-School Programs and Events (SECTION: 800 Out of School Excursions and Events, GAP #801.00)                    | Procedure          | Not available online  | 2019                              | Out of classroom field trips and educational activities   |
| TCDSB         | English  | School Excursions (S.E.01)   | Policy             | <a href="https://www.tcdsb.org/Board/Policies/Documents/SE01.pdf">https://www.tcdsb.org/Board/Policies/Documents/SE01.pdf</a>   | 2019                              | School sanctioned excursions  |
| TCDSB         | English  | Excursions Handbook  | Procedure          | <a href="http://www.tcdsb.org/ProgramsServices/SchoolProgramsK12/HealthOutdoorPhysEd/ExcursionHandbook/Pages/default.aspx">http://www.tcdsb.org/ProgramsServices/SchoolProgramsK12/HealthOutdoorPhysEd/ExcursionHandbook/Pages/default.aspx</a> | 2015                              | Operational procedures to support the School Excursions policy  |
| TCDSB         | English  | Equity Action Plan 2018-2021   | Action Plan        | <a href="https://www.tcdsb.org/Board/EIE/Documents/TCDSB_Equity_Action_Plan_Web_2019.pdf">https://www.tcdsb.org/Board/EIE/Documents/TCDSB_Equity_Action_Plan_Web_2019.pdf</a>   | 2018                              | Diversity, equity and inclusive education   |
| TDSB          | English  | Excursion Policy (P033)  | Policy             | <a href="https://www.tdsb.on.ca/About-Us/Policies-Procedures-Forms/Detail/docId/196">https://www.tdsb.on.ca/About-Us/Policies-Procedures-Forms/Detail/docId/196</a>   | 2019                              | Outlines the requirements for organization and execution of out-of-school excursions and field trips within the Toronto District School Board (TDSB) system. The Policy also establishes the Board’s commitment to, and a basis for, the full and equitable inclusion of all students in curriculum-based excursions while ensuring that all barriers to access are removed and that safety, accountability and transparency are paramount.             |
| TDSB          | English  | Excursion Procedure  | Procedure          | <a href="https://www.tdsb.on.ca/About-Us/Policies-Procedures-Forms/Detail/docId/735">https://www.tdsb.on.ca/About-Us/Policies-Procedures-Forms/Detail/docId/735</a>   |                                   | To provide a process and guidelines for excursions in accordance with Board Policy P.033 SCH, Excursions  |
| TDSB          | English  | The Environment  | Policy             | <a href="http://ppf.tdsb.on.ca/uploads/files/live/92/194.pdf">http://ppf.tdsb.on.ca/uploads/files/live/92/194.pdf</a>   | 2012                              | To state the Board’s commitment to the focus areas for sustaining the environment: mitigation, adaptation, and education.   |
| YCDSB         | English  | Healthy Schools (SECTION: 200 Student/Admissions, # 201)   | Policy             | <a href="https://drive.google.com/file/d/0B0-HXDw45sKAZ0tMUGRrNTRWZ1E/view">https://drive.google.com/file/d/0B0-HXDw45sKAZ0tMUGRrNTRWZ1E/view</a>   | 2017                              | To promote and sustain a Healthy School environment and to encourage an active healthy lifestyle.   |
| YCDSB         | English  | Healthy Schools - Physical Activity (SECTION: 200 Student/Admissions, # 201B)  | Policy             | <a href="https://drive.google.com/file/d/0B0-HXDw45sKATUINamlYTXFTS1E/view">https://drive.google.com/file/d/0B0-HXDw45sKATUINamlYTXFTS1E/view</a>   | 2017                              | To promote and sustain healthy physically active environments which will help students optimize their learning potential.   |
| YCDSB         | English  | Educational Out of Classroom Activity (SECTION: 300 Program Curriculum, # 303)                                       | Policy             | <a href="https://drive.google.com/file/d/0B0-HXDw45sKAWGwyQ2tDNUZIY1E/view">https://drive.google.com/file/d/0B0-HXDw45sKAWGwyQ2tDNUZIY1E/view</a>   | 2020                              | To endorse out of classroom excursions as valuable extensions of the curriculum and to provide the parameters and guidelines under which they may occur.  |
| YCDSB         | English  | School Organized and Continuing Education Excursions (Addendum to Policy 303: Educational Out of Classroom Activity) | Procedure          | <a href="https://drive.google.com/file/d/0Bzkbgb3XuzWcUTNqSExDV3BNMnM/view">https://drive.google.com/file/d/0Bzkbgb3XuzWcUTNqSExDV3BNMnM/view</a>   | 2020                              | To reflect the Board’s commitment to the safety and well-being of all students and staff while participating in excursions.   |
| YRDSB         | English  | Field Trips (#642.0)   | Policy             | <a href="https://yrdsb.civicweb.net/document/37407">https://yrdsb.civicweb.net/document/37407</a>   | 2013                              | Out of classroom field trips and educational activities   |
| YRDSB         | English  | Field Trips: One Day (#642.1)  | Procedure          | <a href="https://yrdsb.civicweb.net/document/37407">https://yrdsb.civicweb.net/document/37407</a>   | 2013                              | Field trips that are no more than one day   |
| YRDSB         | English  | Field Trips: Two to Five Days (#642.2)   | Procedure          | <a href="https://yrdsb.civicweb.net/document/37407">https://yrdsb.civicweb.net/document/37407</a>   | 2013                              | Field trips that exceed one day and are completed within five days and five nights.   |
| YRDSB         | English  | Field Trips: Beyond Five Days (#642.3)   | Procedure          | <a href="https://yrdsb.civicweb.net/document/37407">https://yrdsb.civicweb.net/document/37407</a>   | 2013                              | Field trips that are five or more nights  |
| YRDSB         | English  | Outdoor Education (#350.0)   | Policy & Procedure | <a href="http://www.yrdsb.ca/boarddocs/Documents/PP-outdoored-350.pdf">http://www.yrdsb.ca/boarddocs/Documents/PP-outdoored-350.pdf</a>   | 2014                              | Outlines the Outdoor Education opportunities that are available including school visits to Outdoor Education Day Centres, stays at residential facilities and the loan of outdoor education equipment (Currently undergoing revision).  |
| YRDSB         | English  | Environmental Responsibility (#235.0)  | Policy & Procedure | <a href="http://www.yrdsb.ca/boarddocs/Documents/POL-environment-235.pdf">http://www.yrdsb.ca/boarddocs/Documents/POL-environment-235.pdf</a>   | 2016                              | Support the stewardship of Board resources and the Board’s commitment to environmentally responsible practices (Currently undergoing revision).   |

### Items for the Information of the Outdoor Education Task Force

**TO:** Chair and Members of the Outdoor Education Task Force  
Meeting #2/20, Monday, June 15, 2020

**FROM:** Darryl Gray, Director, Education and Training

**RE:** **SUMMARY OF OUTDOOR EDUCATION TASK FORCE WORKSHOP ONE  
AND SCHOOL BOARD STAFF SURVEY RESULTS**

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#### KEY ISSUE

Summary overview of the combined results of the Outdoor Education Task Force (OETF) *Workshop One* and the school board survey related to principals, values, and anticipated destinations of outdoor education in the Greater Toronto Area school boards .

#### RECOMMENDATION

**IT IS RECOMMENDED THAT the following workshop and survey summary from the Outdoor Education Task Force *Workshop One* held on January 20, 2020 be received.**

#### BACKGROUND

At Outdoor Education Task Force meeting held on January 20, 2020, staff from *I-Think* facilitated a workshop with OETF members focusing on principals, values, and destinations as they relate to outdoor education praxis in the Greater Toronto Area school boards. Task force members explored multiple parameters in small groups, encouraging exploration of their position on the following themes:

- Choice – *What degree of choice should teachers in Ontario have to engage with outdoor education?*
- Location – *Where should outdoor education take place in Ontario?*
- Assets – *How should school boards think about the land they use for outdoor education in Ontario?*
- Leadership – *What should be the purpose of outdoor education in Ontario?*
- Experience – *What would work best for Ontario [context – how student experience in OE varies by jurisdiction from embedded in school to specific outdoor education programming]?*
- Achievement – *What should be the definition of success in outdoor education?*

During discussion at the workshop, it was suggested by trustees that they would appreciate knowing how school board staff would respond to the same inquiries. From this request, a survey was generated to allow trustees to invite staff from their school boards to answer questions that aligned with the queries posed to the task force members at the January 20th workshop.

Results from this exercise are intended to provide context and insight for OETF members during the subsequent working group meetings focused on models and mechanisms related to the formulation of a strategic framework for the long-term provision of out-of-classroom learning related to natural science, conservation and the environment.

## Item 8.2

### RATIONALE

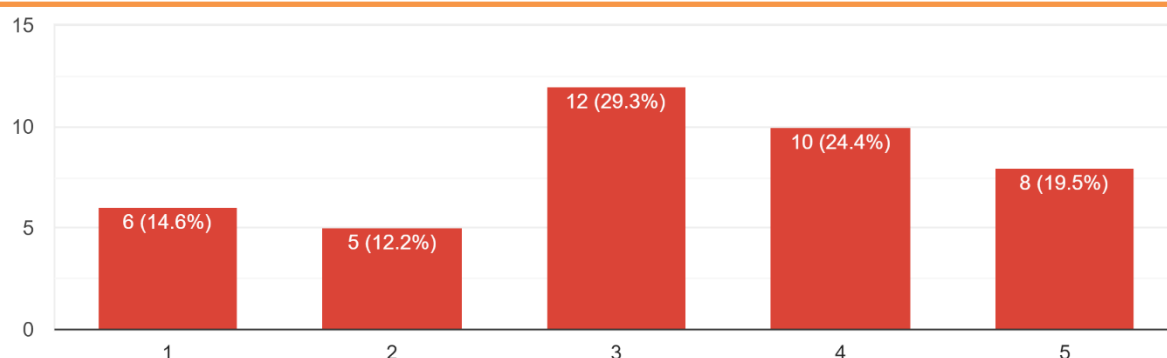
The survey was available from February 3-23, 2020, and generated a total of 41 responses from two school boards. It is understood that some school board staff may have been unable to support the survey at the time of initiation due to job action.

The results from the survey have been amalgamated with the workshop results and presented below. Each theme of inquiry along with its question is offered prior to the graphical results. Included after each graph are comments from trustee worksheets (completed in groups) followed by comments from staff participating in the survey. Staff comments were included across the breadth of responses, with a maximum of three responses taken from each of the Score 1, 3 and 5 option. In the cases where there were less than three responses in a scoring category, all responses for the category were included.

### CHOICE

**Choice** | Jurisdictions around the world have gone in different directions when it comes to the level of choice teachers have to integrate outdoor education into their classroom. What degree of choice should teachers in Ontario have to engage with outdoor education? Choose a number on the following scale:

Experiences are mandatory for students      1      2      3      4      5      Teachers voluntarily connect their classrooms with outdoor education learning.



### RANGE OF COMMENTS TO “CHOICE” INQUIRY (OETF Members)

- Teachers voluntary – students mandatory
- Both are important – providing resources and support are key; students as stakeholders
- Development of kits

### RANGE OF COMMENTS TO “CHOICE” INQUIRY (School Board Staff Survey)

#### Score 1:

- It is important that every child experience various types of outdoor activities for their physical and mental well-being.
- It helps to connect the curriculum to the whole person. It is an experience that builds upon social/emotional characteristics that in turn help to establish a foundation for core curriculum.
- Most of the students in the province are based in urban centres, so it is important that outdoor education become a part of their learning experiences at school. In addition, outdoor experiences could influence young people to pursue leisure activities that are

## Item 8.2

active and physical, instead of sedentary. Finally, these outdoor experiences are also beneficial to mental health and well-being.

Score 3:

- Balance
- A big factor will be the comfort level and confidence in delivering outdoor ed. Also training staff will be another factor in teacher confidence.
- Should have input from both sides.

Score 5:

- Teachers need to feel that they have the expertise to participate in a variety of outdoor activities.
- Educators know what works for their given class and students, flexibility is important.
- Curriculum shall be delivered as the classroom teacher chooses

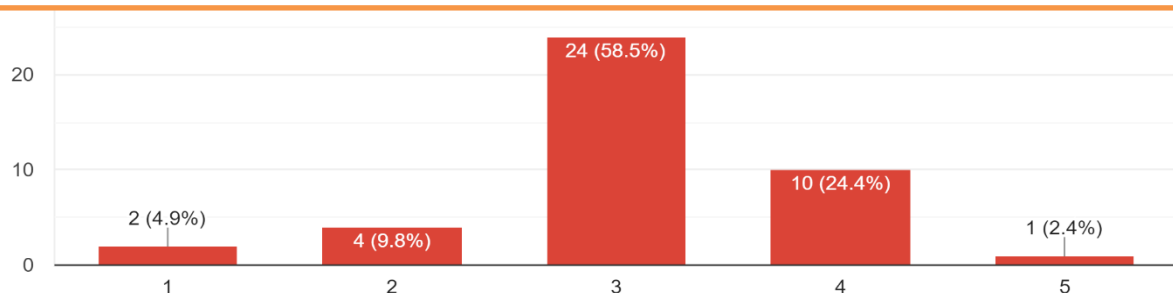
### LOCATION

**Location** | Jurisdictions around the world use location as a way to drive their outdoor education programming. Where should outdoor education take place in Ontario? Choose a number on the following scale:

*All experiences happen offsite*

1      2      3      4      5

*All experiences happen on school property or within walking distance.*



### RANGE OF COMMENTS TO “LOCATION” INQUIRY (OETF Members)

- Well planned greenspace to facilitate local experiences
- Sense of place versus peak experience; playing versus exploration/investigation; unstructured
- Utilize any and all locations; what would it look like if there were no prohibitive costs?

### RANGE OF COMMENTS TO “LOCATION” INQUIRY (School Board Staff Survey)

Score 1:

- Walking distance away is still offsite.
- Experiences offsite I believe offer a richer experience.

Score 3:

- Field trips and excursions could also be part of the outdoor education programming.

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- A balance is always best. Teacher's discretion as to when and where the outdoor learning should take place. While offsite experiences may offer more in terms of variety, equipment, environmental exposure, local experiences are less expensive and can happen more often - even spur of the moment.
- There should be a combination of locations to suit various purposes.

Score 5:

- Equity and inclusivity. Offsite activities may cost more and be less accessible to all students.

### ASSETS

Assets | Jurisdictions around the world either own the property they run outdoor education on or they collaborate with non-profits and use their land. How should school boards think about the land they use for outdoor education in Ontario? Choose a number on the following scale:

*School boards own all the outdoor education properties.*

1

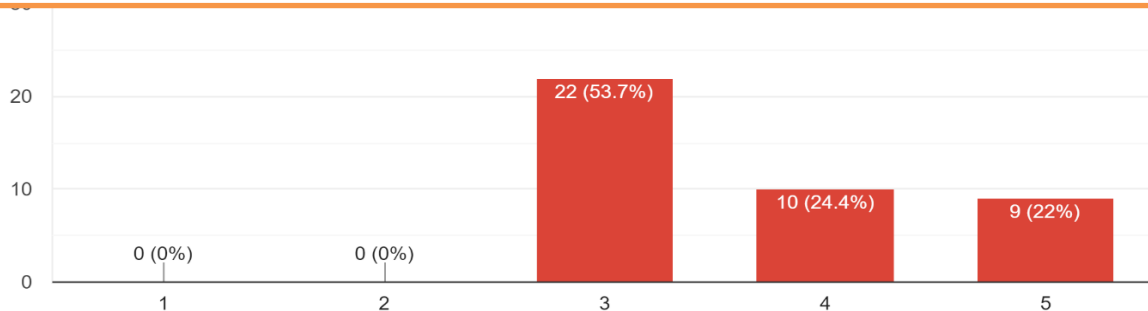
2

3

4

5

*Non-profits own the outdoor education properties that school boards pay to use.*



### RANGE OF COMMENTS TO “ASSETS” INQUIRY (OETF Members)

- Combination
- What if...we had outdoor classrooms (or TRCA) centrally located that were used by multiple schools?
- Question how relevant ownership is as it pertains to student learning

### RANGE OF COMMENTS TO “ASSETS” INQUIRY (School Board Staff Survey)

Score 3:

- It all depends on budget and what makes most sense but what is most important is that outdoor education cannot be a pay as you use for the students and families. It MUST be accessible to ALL students.
- Partnerships need to be forged so all can benefit from the properties in the public and non-profit domains.
- I don't think it is cost efficient or a possibility to have school boards pay for the use of non-profit education properties or to own all outdoor education properties. Really need to look at budgetary cash flow and where it can be allocated.

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Score 5:

- There is a cost to maintaining properties. Money not always there. It is more sustainable with non-profits.
- Better management of properties.
- No need to purchase outdoor properties, plenty out there, free and fee based.

### LEADERSHIP

Leadership | Jurisdictions around the world defined the purpose of outdoor education quite differently. They are interested in creating students as leaders, and outdoor education is a tool to do this. However, leadership is defined in very different ways. What should be the purpose of outdoor education in Ontario? Choose a number on the following scale:

*Learn how to collaborate and lead teams*

1

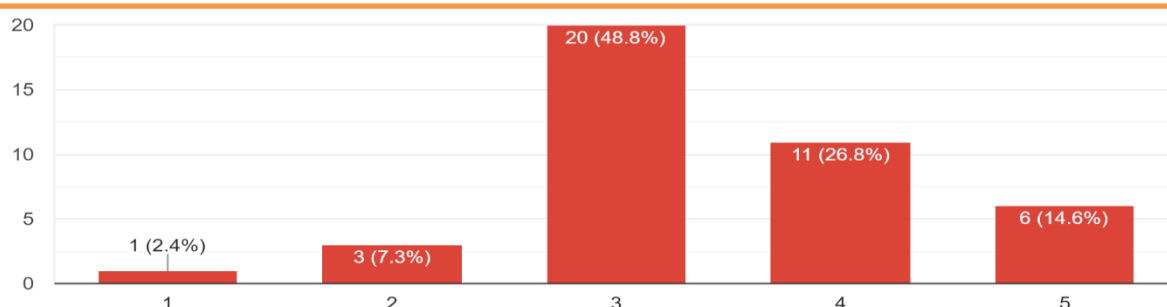
2

3

4

5

*Develop a personal connection to issues and inspire youth to take action.*



### RANGE OF COMMENTS TO “LEADERSHIP” INQUIRY (OETF Members)

- We need both; climate change; shifting culture; culturally responsive to change and taking action on their values
- Must recognize curiosity and encourage exploration

### RANGE OF COMMENTS TO “LEADERSHIP” INQUIRY (School Board Staff Survey)

Score 1:

- Collaboration is a highly needed skill. It can work to inspire youth to take action as well.

Score 3:

- Outdoor education should be defined as both of these.
- This continuum seems to contain two different issues: leadership and education issues that students are expected to absorb and become leaders of change. There could potentially be room for both types of purposes. Traditionally, students go for outdoor education to learn about collaboration and team skills - definitely a good idea for early adolescents. The connection to outdoor ed issues can be an advanced eco course for older adolescents.
- Yes, leadership is important but it should not replace the inclination to just 'do good' for the environment and feel connected to it.

Score 5:

- Students can develop leadership skills at school and don't need to be outdoors.

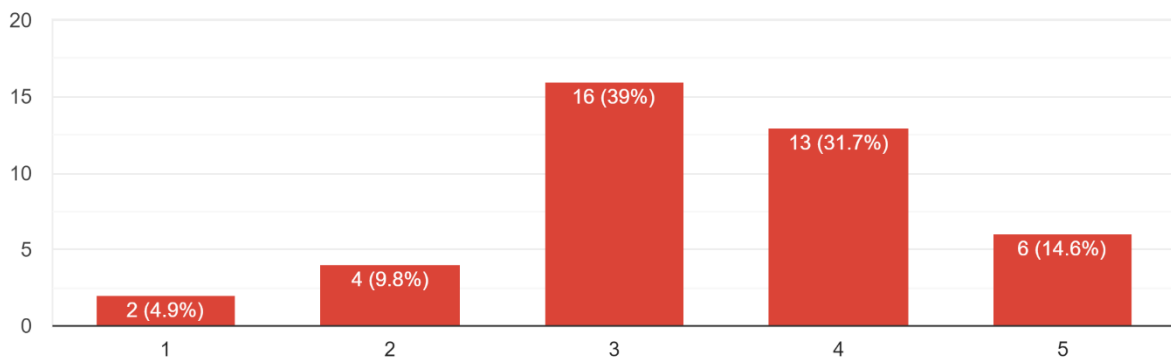
## Item 8.2

- Leadership and team building is important, and is easy to build throughout the curriculum in or outdoors, but the imperative of outdoor education to me is to make students aware of environmental issues and respect/appreciation for the natural world.
- It's all about taking care of our environment and relishing in the mental health benefits of Outdoor Ed.

### EXPERIENCE

Experience | How students experience outdoor education varies by jurisdiction. For some it is embedded throughout school and for others there is specific outdoor education programming. What would work best for Ontario? Choose a number on the following scale:

*Intentional programming by partner organizations.*    1       2       3       4       5       *Embedded into classroom learning by teachers.*



#### RANGE OF COMMENTS TO “EXPERIENCE” INQUIRY (OETF Members)

- Leaning more towards embedded into classroom by teachers BUT we need equitable access to programming with partner organizations
- Good teaching will use both

#### RANGE OF COMMENTS TO “EXPERIENCE” INQUIRY (School Board Staff Survey)

##### Score 1:

- I strongly believe in outdoor experiential learning. I was fortunate to be able to participate in a variety of outdoor ed. experiences and I know this opened many doors for me. Given the state of our Earth, as educators, we must provide a sense of hope to our students and equip them with opportunities to learn to problem solve the challenges that will face them, through real world experiences - outside!
- Teachers may not implement if left to them.

##### Score 3:

- I think a variety of stakeholders would serve students well and provide varied experience
- Teachers can monitor what works best for their classroom.
- There is a benefit to relying on the expertise of partner organizations.

##### Score 5:

- Outdoor Ed can easily be part of the curriculum - it should not be an add on

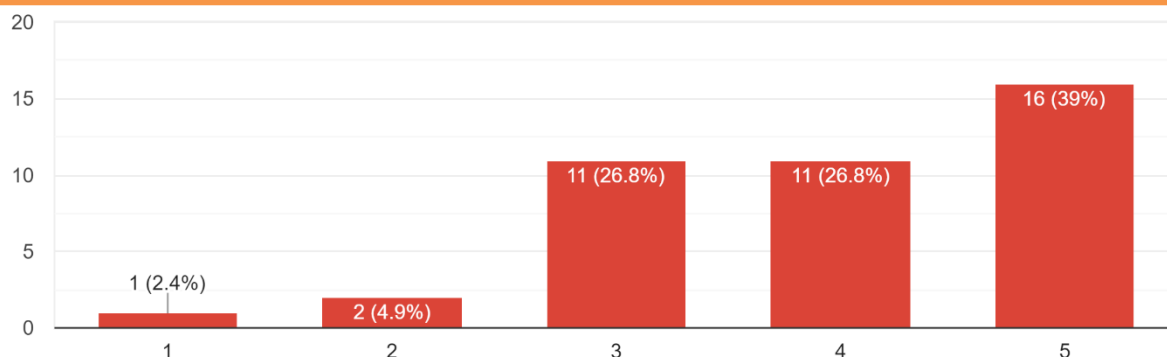
## Item 8.2

- It should be a natural part of the day/curriculum.
- I believe it would be more equitable when embedded into the classroom

### ACHIEVEMENT

Achievement | There is no single, agreed-upon definition of success in school. Jurisdictions around the world define the success of outdoor education differently. What should be the definition of success in outdoor education in Ontario? Choose a number on the following scale:

*Experiences are designed to reinforce MoE curriculum expectations.*    1    2    3    4    5    *Experiences support the development of learning skills and global competencies.*



#### RANGE OF COMMENTS TO “ACHIEVEMENT” INQUIRY (OETF Members)

- Problem solving; mindfulness; survival skills; connected away from technology
- This needs to be in synch
- All outdoor experiences support some curriculum expectations; focus on exploration

#### RANGE OF COMMENTS TO “ACHIEVEMENT” INQUIRY (School Board Staff Survey)

##### Score 1:

- The goal is to reinforce Ministry Education Curriculum expectations.

##### Score 3:

- A good blend of the two ends of the continuum is key.
- balance of both
- Needs to be open for interpretation.

##### Score 5:

- I would also add that outdoor education experiences should provide a strong foundation of knowledge and inquiry about our role in biodiversity and how our actions impact the Earth.
- The LS [learning skills]and GC [global competencies]are more enduring for students than the grade-level content expectations.
- We need to prepare students to be global citizens.



## Item 8.2

To summarize, the combined results from the OETF workshop and the staff surveys suggests that:

- Under the theme, *choice*, it was preferred that teachers manage OE learning through voluntary versus mandated processes;
- Under the theme, *location*, it was shown that both onsite (at the school) and offsite (near and distance field trips) were equally valued;
- Under the theme, *assets*, there was a preference towards non-school board ownership of properties related to OE;
- Under the theme, *leadership*, results showed a preference to the personal connection and individualized action over the group or collaborative leadership foci;
- Under the theme, *experience*, there was a preference for having instruction embedded by teachers versus intentional programming by partner organizations; and
- Under the theme, *achievement*, it was preferred to see experiences supporting learning skills and global competencies rather than driven by Ministry of Education curriculum expectations.

Workshop facilitators also offered that the overall comments from the Trustee workshop suggested the outdoor education experience is about community building, activism (as caring) and leadership, and problem solving in fun ways but must be framed in achieving maximum access as well as fostering appreciation.

This summary report creates insight into the underlying values associated with various themes of OE relevant to school boards within the Greater Toronto Area. With these values identified and explored, a point of reference for subsequent OETF workshops has been established which will aid the OETF in achieving its mandate.

### **Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan**

This report supports the following strategies set forth in the TRCA 2013-2022 Strategic Plan:

**Strategy 4 – Create complete communities that integrate nature and the built environment**

**Strategy 5 – Foster sustainable citizenship**

**Strategy 12 – Facilitate a region-wide approach to sustainability**

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