

Schools Program Module Descriptions

All modules are approximately 1 to 1.5 hours long. For all first-time participants, we provide a quick introduction to TTLT and the Schools Program before we get into the module material. There is also a follow-up evaluation piece that will take place separately from the modules.

Invasive Species Management Module



This module will provide students with an understanding of what invasive species are, the impacts they have on our local environments, how they are managed, and how to help reduce their spread with a spotlight on some of the more common species TTLT deals with. Along with the presentation, we conduct both pre- and post-knowledge assessments* in the form of a quiz, as well as a Build an Invasive group activity and a

Create a Public Service Announcement group activity. There are currently no field trip/outdoor activities for this module, but invasive pulling or inventory/mapping (for higher grade levels) may be available for 3rd and 4th Quadmester classes, depending on COVID-19 restrictions.

If this is the first module the students have completed, they will also be asked to participate in a pre-program survey that assesses their general knowledge, attitudes, and behaviours regarding nature and the topics our program covers, which is an important part of our program evaluation. There will also be a follow-up activity or visit that will allow the students to reflect on their experiences and provide additional evaluation data with respect to their potential changes in attitudes and behaviours as a result of the program. During this time, we also ask educators to fill out the Educator Evaluation Survey.

*Knowledge assessment data will be recorded and collected for program evaluation use via Google Forms, virtual platform chat boxes, and/or paper forms. Evaluation data is anonymous and does not include the collection of any personal student information, such as names, email addresses, etc.

Native Plant Restoration Module

In this module, students will learn about native plants, why they are important, how they're used in restoration work, and how to help return them to the landscape. Students will be evaluated through pre- and post-module quizzes*, as well as the Native or Not Challenge**. Additionally, students will be provided native plant Fill-in Factsheets where they will be asked to research, fill-in the missing data, and share their findings with the class. Currently, there are no field trip/outdoor activities for this module, but 3rd and 4th Quadmester classes may be able to participate in the in-class growing and outdoor planting, depending on COVID-19 restrictions, grow light/greenhouse availability, and planting accessibility.



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**Depending on the time of year, the Native or Not Challenge can be done outdoors, where students can go out and take pictures of plants/trees they find and state whether they think they are native or not.

Plant ID & Seed Collecting/Processing Module



This module will introduce the topics of plant identification and seed collecting/processing. Students will learn about why plant ID is important, identification basics, and corresponding plant seed heads. Students will also learn the basics of seed collecting and its importance. Activities that will evaluate their knowledge will include a Flower & Seed Head Match game, Label the Plant activity, Plant ID - Key Aspects activity, and Plant ID - Seed Aspects activity, as well as quizzes to assess both their pre- and post-module knowledge*. If applicable, students can participate in the Seed Processing activity, where students will clean, package, and stratify seeds. This activity can be done in or out of doors but can be quite messy. Additionally, if students have access and permission, students may participate in an experiential seed collecting activity using plants from their school

gardens, although the seeds would not be processed.

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Species at Risk Part 1 Module

In this module, students will learn about what Species at Risk are, how they're assessed across different geographic scales, the threats they face, the current situation, conservation efforts, and how to help prevent their loss. Throughout the presentation, students will be quizzed on their pre- and post-module knowledge*. Once students have completed this module, they will have the opportunity to participate in the Species at Risk Part 2 Module.



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Species at Risk Part 2 Module



This module will provide the opportunity for students to become citizen scientists for turtles. Adapted from the Turtle Guardians program offered by The Land Between, students will get the chance to be Level 1 Turtle Guardians and receive a Level 1 Turtle Guardian Membership card. The presentation will test students' pre- and post-module turtle knowledge*, teach them about turtles and their life cycles, how to ID Ontario's

native turtle species, the greatest threats Ontario's native turtles species face, and how to help. At the end of the presentation, students can download the Turtle Guardian app or use the paper copies provided to take the Turtle Test (those that use the app will receive membership cards in the mail).

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