

# Wonderful Watershed Moments!



**LOCATION:**  
Brampton Christian School, Etobicoke Creek Watershed

**DATE:**  
Wednesday October 11, 2017

**REGION/MUNICIPALITY:**  
Region of Peel, Town of Caledon

**PARTNERS:**  
Toronto and Region Conservation (TRCA), Region of Peel, Town of Caledon, Brampton Christian School Students and Teachers



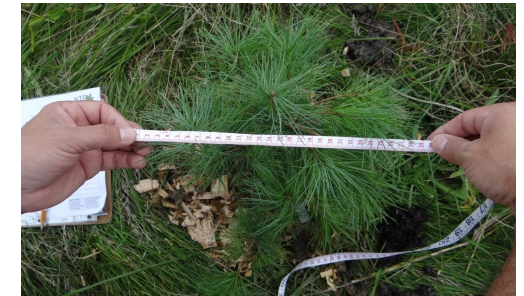
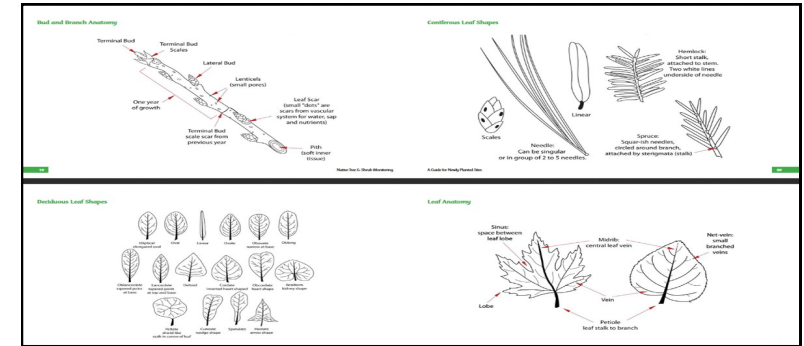
## Citizen Science Young Tree and Shrub Monitoring and Maintenance Program (YTMP) Presentation and Pre-Planting Preparation at Brampton Christian School

TRCA staff visited Brampton Christian School to deliver a presentation on TRCA's citizen science Young Tree and Shrub Monitoring and Maintenance Program (YTMP) and prepare students for an upcoming native tree and shrub planting.

Students learned about impacts of climate change and possible mitigation measures that can be implemented at a community level. They also learned protocols of YTMP, a program where a percentage of plants are tagged with a unique identification number, measurements taken and general observations recorded. This information provides valuable data on loss of plant material as a result of storm events, insect infestation, disease and wildlife browse. It also provides maintenance strategies and tracks success of plant material within restoration sites. Students were tasked with preparing a plant list of species they would select for a planting area, based on benefits those trees and shrubs provide to the natural environment.

Students began their journey to becoming Citizen Scientists through the YTMP program by learning why, how, and when measurements are taken and the importance of planting native plant species. Also reviewed were definitions of invasive vegetation and local species of concern.

This group is looking forward to practicing and applying their new skills at a planting scheduled in October in the Valleywood restoration site near Newhouse Park in Caledon.



Identification		Measurements				Conditions		Comments
Tag #	Common Name	DBH at 1.3m	Crown W1	Crown L1	Stance	Damage		

Measurement	Method	Stance		Damage	
		AS	DS	BS	IS
Root Collar	Measure in mm with calipers				
Height	Measure with 1.5m tape	AS	DS	BS	IS
Crown	Measure with 1.5m tape	AL	DL	BL	IL
DBH	Diameter at breast height	AS	DS	BS	IS

## POSITIVE ENVIRONMENTAL IMPACTS

# of Participants	Participant Hrs Contributed
48	72