

OCTOBER 2017



LOCATION:
Duncan Foster Valley, Humber River Watershed

DATE:
Tuesday October 10, 2017

REGION/MUNICIPALITY:
Region of Peel, City of Brampton

PARTNERS:
Toronto and Region Conservation (TRCA), Region of Peel, City of Brampton, Castle Oaks Public School Students and Teachers



Duncan Foster Valley Native Shrub Planting with Castle Oaks Public School Students

TRCA hosted 48 students from Castle Oaks Public School to plant native shrubs at Duncan Foster Valley located in Humber River Watershed. Encompassing more than 900 square kilometers and home to over 800,000 people, the Humber River Watershed is the largest in TRCA's jurisdiction.

Students were given a safety talk and shown proper planting techniques to ensure quality. Students then demonstrated what they learned by planting 60 native shrubs and placed mulch mats and mulch around each piece. Despite slightly tough digging conditions, students used teamwork to successfully ensure all of the plants were properly placed.

A group of students became citizen scientists to assist staff with data collection for TRCA's Young Tree and Shrub Monitoring and Maintenance Program (YTMP). A percentage of plant material is tagged with a unique identification number, measurements taken and general observations recorded for a period of three to five years. This data collecting activity is used to track the success and health of plants, plan maintenance strategies and provide information on best species at sites.

Community based restoration activities of this nature allow students to be involved in improving the overall health and function of the watershed and provide a greater appreciation and understanding of natural spaces within urbanized environments.



POSITIVE ENVIRONMENTAL IMPACTS

Vegetation Planted	# of Pieces Planted	Total Area Enhanced (square metres)	# of Participants	Participant Hrs Contributed
Native Shrubs	60	90	48	144
Total	60	90	48	144

