



Growing Brampton's Creative Economy

MakerSpace Creative Hub @ Brampton Library

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Overview

- City of Brampton
 - current population of over 600,000
 - Brampton's young and diverse multicultural mosaic represents 209 distinct ethnic backgrounds
- Sheridan College
 - 18,000 full time and 35,000 continuing education students over 4 campuses in Brampton, Oakville and Mississauga.
- Brampton Library
 - 7 locations – facility growth has not kept pace with rapid population growth
 - traditional library service challenged by a unique community demographic



MakerSpace Brampton

A joint initiative between City of Brampton, Sheridan College and Brampton Library to foster creativity, innovation and exploration in a safe and accessible learning environment.

- Program overview
 - Zero to Maker (Inspire)
 - Maker to Maker (Learn & Collaborate)
 - Maker to Market (Entrepreneurial Imagination & Commercialization)
- Expanded across library system
 - Best matching of programs to library catchment and facility.

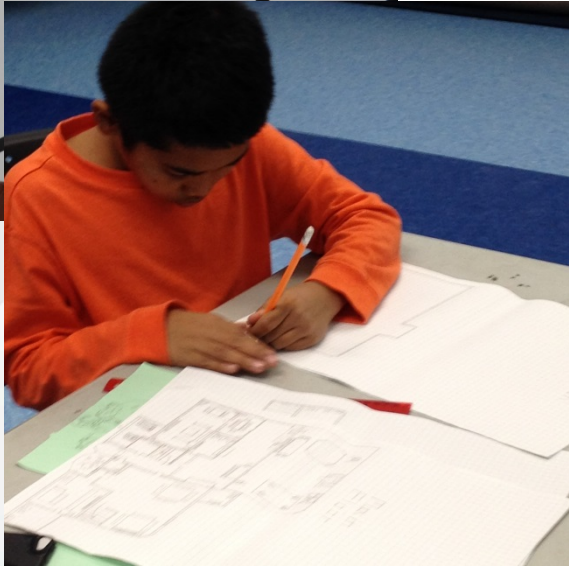
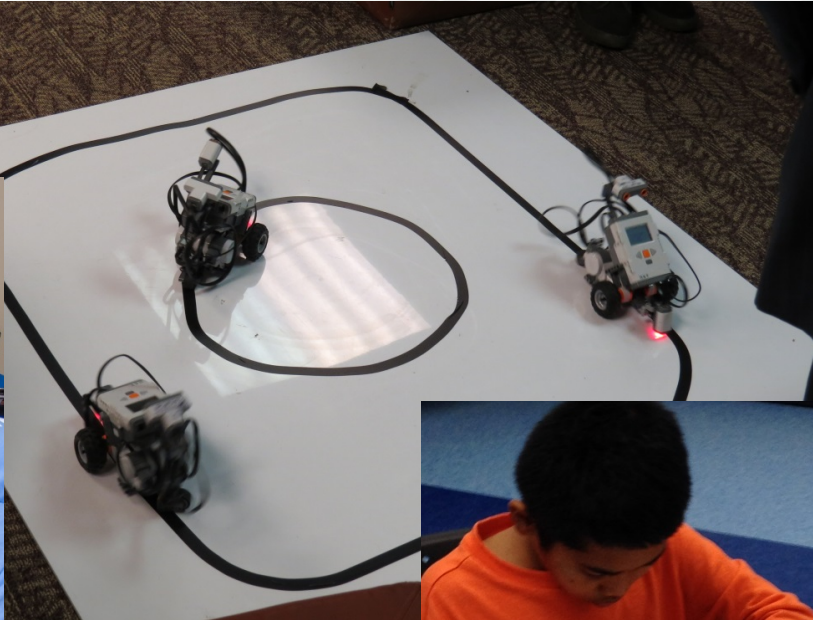
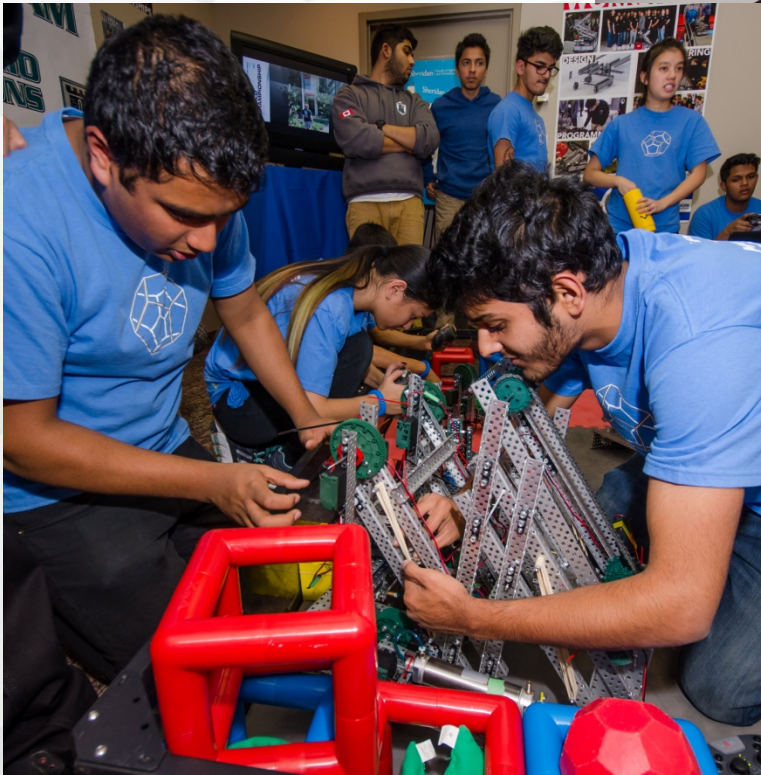


Brampton Library

- focused on traditional library services and programs
- no Central Library - downtown branch underutilized – looking for opportunities to increase foot traffic
- traditional focus meant staff technology and funding capabilities had to be addressed



Brampton Library



Sheridan
Centre for Advanced Manufacturing
and Design Technologies

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ECONOMIC DEVELOPMENT

Brampton
Library



Economic Development

- HACE Strategy
 - Community Economic Development Plan focused on Fostering Local Growth from the Creative Economy
 - Improve Brampton's competitive advantage through healthier and more vibrant creative cultural industries
 - Establish Downtown Brampton as a creative hub and cultural location in the GTA.



Economic Development

- Anticipated Outcomes:
 - Increase capacity for knowledge-based entrepreneurs to remain in Brampton
 - Increase innovation through “collaboration and collision”
 - Potential to accelerate market-readiness with introduction to new technologies and Sheridan CAMDT
 - Increased awareness of Brampton’s Creative Economy amongst youth
 - Enhanced programming offered in the HACE District



Sheridan College

- School of Engineering
- Centre for Advanced Manufacturing and Design Technologies (CAMDT): A creative technology space that provides students the opportunity to engage in real world problems through applied research projects, design competitions, and course projects.

MakerSpace Brampton is an extension of CAMDT, providing students an opportunity for experiential learning through an integrated curriculum.



MakerSpace as a Platform

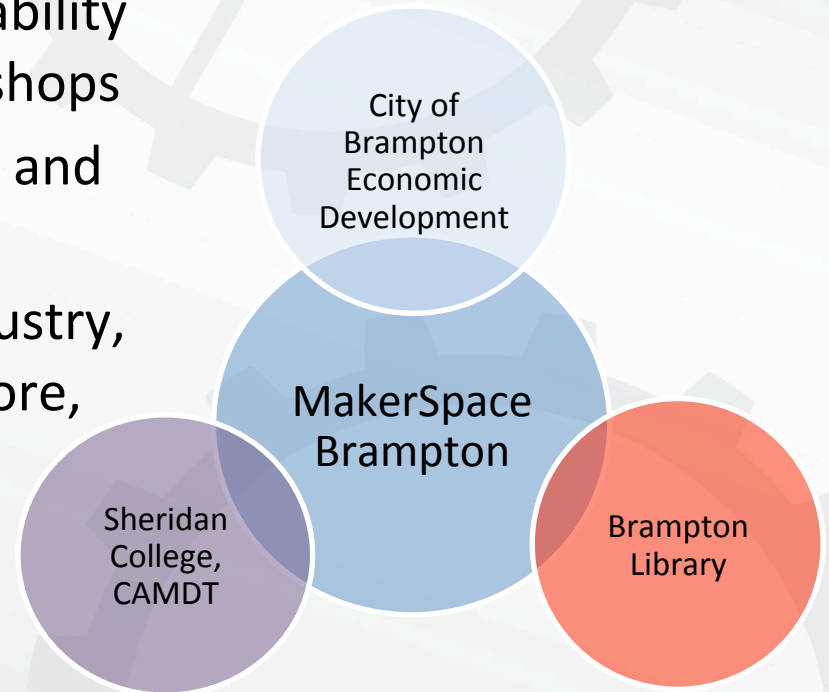
- Anticipated Outcomes:
 - Give back to our community
 - Professional Development for Faculty
 - Student Experiential Learning outside the classroom including:
 - Communication skills
 - Critical thinking skills
 - Job skills



Benefits of the Partnership

What we bring to MakerSpace Brampton:

- Up-to-date technology and skills, ability to continually offer relevant workshops
- People resources such as students and professors
- Links to Sheridan's partners in Industry, Associations, High Schools, and more, partnerships.





Creative Hub

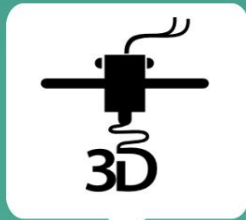
Fall 2014 Project Pilot

- Proposal to Council for Pilot Program
 - That Brampton Library, Sheridan College CAMDT and the City of Brampton Economic Development Office work together to establish a creative workspace downtown Brampton where residents, students, entrepreneurs and visitors can come together and collaborate while sharing tools, resources and knowledge.



Creative Hub Fall 2014 Project Pilot

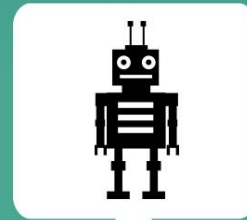
37 Drop-in Programs - 385 participants



90

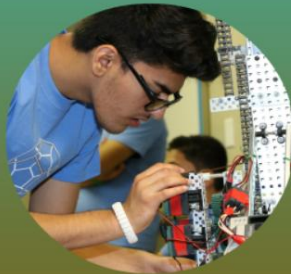


144



148

Special Events - 427 participants



Official Opening
Culture Days
Build an Ornament Day
Youth 3D Printing Day
Class Visit
Robotics Design
Workshop



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2015 Results

- HOLD for Stats



MakerSpace Brampton

- How it works today
 - No formal partnership agreement
 - Guided by MOU which outlines:
 - Roles & responsibilities of the partners
 - Contributions (cash & in-kind)
 - Monthly Planning meetings

2016 Programming

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Creation Station
Fairy Tale Physics
Tinker Tuesdays
Fashion Hacks
Etsy Movement
Lego Mania
Hour of Code
Maker Meetups

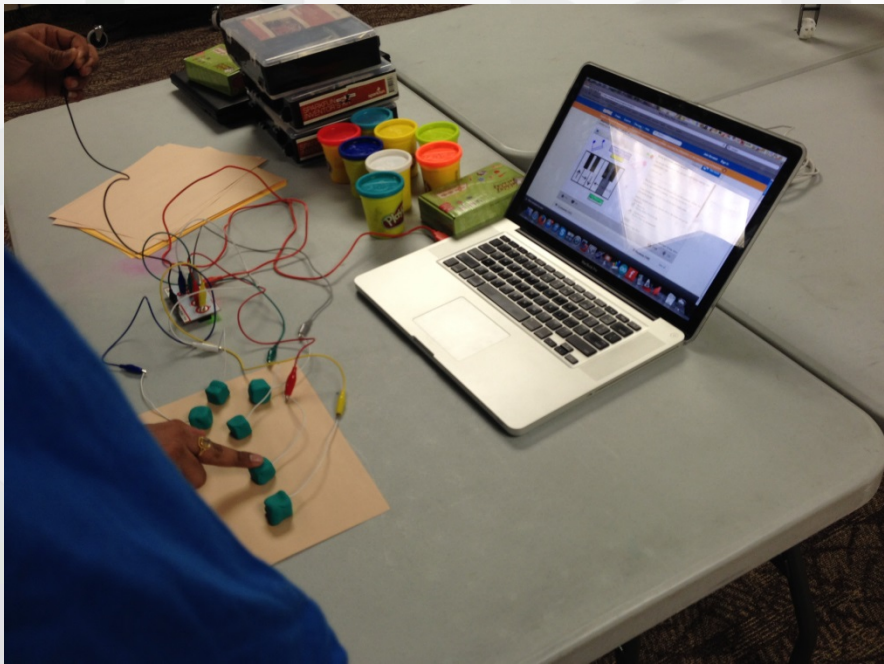
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3D Printing
Web Design
Lego Robotics
Repair Café
Creative Chemistry
Makey Makey/Arduino
Architectural Design
How do calculators work?
Design your dream home

 **BRAMPTON**
Flower City
brampton.ca

Tech Talks
(monthly)
Business Basics
for Makers
Get your
Business Up
and Running

MAKER SPACE BRAMPTON



Manufacturing
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Future Direction

- Commitment from Council & Library Board
- Springdale Branch – opening early 2017
- New Partners (school boards, industry)



Questions?

Thank you.