

MAKER SPACE BRAMPTON

Free Programs & Workshops November – December 2016

Have questions? Email
makerspace@bramptonlibrary.ca

Sheridan
Centre for Advanced Manufacturing
and Design Technologies

**Brampton
Library**

 **BRAMPTON**
Flower City

All Ages

3D Printing

Explore 3D printing and modeling with Sheridan College experts. Beginners can join at 4pm for an introduction to 3D modeling software and printing using MakerBots. Already familiar with 3D printing? Drop in to access the printers!

FC Wednesdays,
November 2, 9, 16, 23, 30 &
December 7, 14 4–7pm

Fashion Hacks: Ugly Sweater Edition

Cut, knot, sew, and glue your way to the most horribly mismatched colours and “uglified” sweaters, just in time for the holidays! Please bring your own sweater.

All other materials provided free of charge.

CC Saturday, December 3 2–3:30pm
MPV Saturday, December 10 2–3:30pm
SF Saturday, December 17 2–3:30pm

STEM Station

Join us for hands-on challenges combining Science, Technology, Engineering, and Math (STEM). Unleash your inner inventor as you tinker with circuits, robotics, coding, and more.

CC Mondays, November 7, 14, 21, 28
6:30–7:30pm

FC Mondays, November 7, 14, 21, 28
6:30–7:30pm

GM Mondays, November 7, 14, 21, 28 &
December 5, 12 6:30–7:30pm

MPV Tuesdays, November 1, 8, 15, 22
7–8pm

Children

Coding Workshop with Cipher **Ages 10–13**

Join Cipher, Brampton’s youth-led coding community, for this fun-packed workshop over 2 Saturdays. Learn how to design and create your own website using HTML and CSS and how to host it on the Internet to show the world! This workshop will be offered twice.

FC Saturday, November 5 & 12 2–4pm
Saturday, December 3 & 10 2–4pm


Library Branch Legend

FC Four Corners
CC Cyril Clark

CH Chinguacousy
MPV Mount Pleasant Village

GM Gore Meadows
SF South Fletcher’s

Children (continued)

 **Creative Chemistry** **Ages 6–12**
presented by Sheridan College's Chemistry Club
Atoms, bonds, and chemicals - oh my!
Join us for safe, fun, and creative
chemistry activities.

FC Friday, November 4 3:30–5:30pm

 **Design and Build:
PA Day Inventors Workshop** **Ages 6–12**

Spend your PA Day with PAMA and MakerSpace
Brampton! Experiment with electronics, circuitry,
and 3D Printing. Create your own invention out
of recycled materials and bring it to life with
LittleBits, Makey Makey, and LED lights.

PAMA Friday, November 18 10am–12pm
Registration required for morning session at PAMA —
infopama@peelregion.ca or 905-791-4055

FC Friday, November 18 2–4pm

 **Fairy Tale Physics** **Ages 6–8**

Put yourself to the test with a series of science
and engineering build activities inspired by your
most beloved tales.

SF Wednesdays, November 2, 9, 16, 23
6:30–7:30pm

CC Tuesdays, November 8, 15, 22, 29
7–8pm

 **LEGO® Robotics** **Ages 9–12**

Learn how to build and program a robot using
LEGO® Mindstorms in this 4-week series. A
LEGO® kit will be available for you to work with
each week. On the final day, invite your family
and friends to see your LEGO® robot in action!

FC Tuesdays, November 1, 8, 15, 22
6:30–8:30pm

SF Wednesdays, November 30,
December 7, 14, 21 6:30–8:30pm

Teens & Adults

 **Explore SketchUp with Sheridan College** **Ages 13+**

Need a 3D model for a renovation project, art
piece, or to print on a 3D printer? This workshop
is for you! A Sheridan Architecture expert will take
you through the process of learning basic tool
functions to create a simple architectural form.

Note: Limited number of laptops are available for
use. Download the free SketchUp Make software and
bring your own laptop. Link to free SketchUp Make
software: <http://www.sketchup.com/download>

CC Wednesday, November 23
6:30–8:30pm

MPV Wednesday, December 14
6:30–8:30pm

 **Maker Meetup** **Ages 13+**

Use our 3D printers, Arduinos, vinyl cutter,
and more to work and collaborate on projects.
This is the place to share, network, seek help
and encouragement, or simply show off your
creations.

FC Saturdays, November 5 &
December 3 2–5pm

 **Repair Café**

We're all about repairing things—together. Get
help fixing household items. Repair Café aims
to reduce the waste that is sent to landfill or an
incinerator, and to change society's throw-away
mindset. Don't toss it!

FC Saturday, November 12 11am–3pm

 **Web Design Level 1**

Want to build a website, but don't know where to
start? Join Sheridan College
web design experts for this beginner workshop
and get your Wordpress website up and
running.

MPV Thursdays, November 17 &
December 15 6:30–8pm

 Application  Drop-in  Tickets given 30 minutes prior to program

 Register at makerspacebrampton.ca  Register at any branch or by phone **905-793-4636**