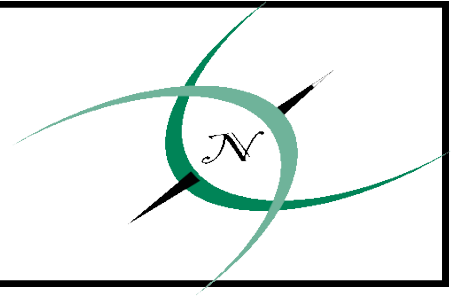




# FIRST NATION MAKERSPACE LENDING LIBRARY



## GREEN SCREEN KIT

### KIT CONTENTS:

- Box 1: One (1) Apple Tablet – preloaded with apps
- Box 2: Green Screen Stand



## HOW TO USE THIS KIT

Bring Hollywood to your library, with this special effects green screen makerspace kit. Now you can replicate the same effects that you see in movies by making photos and videos come to life on the iPad. Setup of the Green Screen is simple. Use the iPad apps to transform photos and videos with superhero effects, exotic backgrounds, animation effects and more! Unleash your creativity to create special photos and short special effect movies.

### ONLINE RESOURCES

[How to Use Green Screen Effects on iPads](#)

# SQUISHY CIRCUITS

## KIT CONTENTS:

- One (1) Squishy Circuit Deluxe Kit with conductive dough



## HOW TO USE THIS KIT

Squishy Circuits use conductive and insulating play dough to teach the basics of electrical circuits. Batteries and pre-made dough is all you need to let your creations come to life as you light them up with LEDs, make noises with buzzers, and spin with the motor. Kids of all ages, and adults will enjoy playing with this device!

## ONLINE RESOURCES

[Squishy Circuits how-to-use Video](#)

# CUBELETS ROBOTICS

## KIT CONTENTS:

- 20 Cubelets including:
  - 2 Distances
  - Temperature
  - Knob
  - Brightness
  - 2 Inverses
  - 2 Passives
  - 2 Blockers
  - Maximum
  - Minimum
  - Battery
  - 2 Drives
  - Bar Graph
  - Speaker
  - Rotate
  - Flashlight
- USB Charger
- 4 Brick Adapters
- 6 Robot cards



## HOW TO USE THIS KIT

Inspire a love of learning through play. Cubelets Robot Blocks make it fast and easy to engage children as young as four in learning by building robots. There's no wrong way to build with Cubelets, so it is remarkably easy to transform these blocks into brilliant bundles of robotic curiosity. You don't need to know how to code or wire to construct robots with Cubelets. Snap the robot blocks together and the magnetic faces do the rest. Every unique arrangement is a new robot with novel behaviors emerging from the construction. Invention made easy.

## ONLINE RESOURCES

Visit the Modular Robotics Cubelets website to get information on [getting started](#), free [lesson plans](#) from pre-K to grade 12, the Cubelets free mobile [App](#)

# ZOMBONITRON ROBOTICS

## KIT CONTENTS:

MOSS Zombonitron 1600

- 1 extended battery
- 2 motors
- 2 wheels
- 2 corners
- Brightness Sensor
- Proximity Sensor
- Long Flexy
- Hub
- 4 Arch Braces
- Micro-USB Charging Cable
- 56 Steel Spheres



## HOW TO USE THIS KIT

The MOSS Zombonitron 1600 includes 16 MOSS blocks and 56 Carbon Steel Spheres. The kit is powered by a rechargeable LiPo battery with an included Micro-USB cable. The Zombonitron 1600 kit includes a Light Sensor, Proximity Sensor, 2 Motors, Charging Cable and a variety of connection pieces and support braces.

## ONLINE RESOURCES

- Learn [how to build](#) robots on the Modular Robotics MOSS website, and this PDF [Guide to Getting Started](#).
- Need more ideas on what kind of robots you can make, check out these [Robot Recipes](#)
- Want to take your robot to the next level? Learn how to connect with Bluetooth on these free mobile [Apps](#)

# BUILD AND PLAY

## KIT CONTENTS:

- 1 K'NEX Deluxe Model Building Set
- 1 classic LEGO® Large Creative Brick Box
- 5 Green LEGO® Baseplates
- The LEGO® Ideas Book: Unlock Your Imagination



## HOW TO USE THIS KIT

The ultimate library programming kit. Both LEGO® and K'NEX is huge fun and endlessly creative. With a bucket of bricks and a bit of practice, you can build just about anything!

## ONLINE RESOURCES

- Check out this [General Help guide](#) to using K'Nex to build
- Instructions page on k'nex website – product specific\*
- Visit the [classic LEGO® website](#) for [product information](#), [building instructions](#), [gallery](#), [seasonal builds](#) and more.

# BOARD GAMES

## KIT CONTENTS:

- 1 Catan Board Game
- 1 Dungeons and Dragons Starter Set
- 1 Deck of Cards
- 1 Jumbo Deck of Cards



## HOW TO USE THIS KIT

With this kit, you can let library patrons socialize while playing games. Have the games available during regular library hours for patrons to use, or consider hosting a games night.

## ONLINE RESOURCES

- A YouTube [video](#) that shows you how to play D&D with a sample game session
- Want more information on D&D? Look at this [Beginners Guide to Dungeons & Dragons](#)

# BUTTON MAKER

## **KIT CONTENTS:**

- A 2-1/4" Button Maker



## HOW TO USE THIS KIT

Use the button maker to create customized buttons. Print off images to cut out and use, or draw onto paper to create buttons.

### **ONLINE RESOURCES**

The People Power Press website, has a button blog, how-to videos, printable templates and FAQ's

# FLY TYING

## KIT CONTENTS:

- Cabelas Master Fly Tying Kit



## HOW TO USE THIS KIT

Use the fly tying kit and materials included to host a fly tying workshop.



# VISUAL ARTS

## **KIT CONTENTS:**

- 2 sets of 72-Colour Watercolour pencils
- 2 sets of 38 Paint Brushes
- Coloured Pencils
- Crayons



## HOW TO USE THIS KIT

This kit contains everything you need to run a visual arts library program. Use the tools and materials to allow patrons to create their own watercolor paintings. There is enough watercolour paper for 30 paintings. You may want to simply lay out all the materials and have a creative painting workshop as a library program, or have the materials out at a designated 'Makerspace Table' for everyday tinkering.

## FIBRE ARTS

### **KIT CONTENTS:**

- On The Loom: A Modern Weaver's Guide Book
- Extra-Large Wooden Frame Loom (requires assembly)
- How to Crochet Complete Guide book
- 1 set of crochet hooks all sizes
- 2 sets of Knitting Needles all sizes



### HOW TO USE THIS KIT

Not your average Sit N' Stitch, with this kit a table top weaving loom accompanies crochet and knitting needles of all sizes. Host a library program using the tools provided and yarn for participants to learn how to crochet, knit, or weave an item. Create a sample ahead of time, and consider choosing one project for participants to make such as a coaster or washcloth.

## CAMERA & VOICE RECORDER

### KIT CONTENTS:

- Nikon D3100 Camera
- Sony Voice Recorder



## HOW TO USE THIS KIT

Take photos of a special event, or host a photography workshop. The voice recorder can be used to record interviews, stories and create audio clips.



**Please contact OLS-N to  
request kits:**

Rashed Ahmad  
[rahmad@olsn.ca](mailto:rahmad@olsn.ca)

1-800-461-6348 ext. 227

