

Projects in the Library



Raindrop Switch

A low cost access switch for environmental controls, tablets, and phones.

Involves: 3D printing, soldering



LipSync

A sip-and-puff device to control a computer, tablet, phone, or gaming console.

Involves: 3D printing, electronics, soldering, programming



Adapted Toys

Modified children's toys that allow switch access inputs.

Involves: Electronics, soldering



Key Turner

Key holder suitable for people with arthritis or missing digits.

Involves: 3D printing

Browse our library to see more projects.

Contact Us

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Full list of Canadian and U.S. chapters:

makersmakingchange.com/chapters

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Makers Making Change

A Neil Squire Program



Connecting people with disabilities to affordable assistive technology



makersmakingchange.com

Who We Are

Makers Making Change is a program run by the Research and Development department at Neil Squire.

We have a library of assistive device designs that are free to download. People with disabilities and disability professionals can work with volunteer makers in their community to have a device built.

All devices are open source, allowing them to be used, customized and distributed with no profit. This helps lower the cost up to 90% compared to a commercial equivalent.



Neil Squire has been revolutionizing the lives of Canadians with disabilities since 1984 through accessible assistive technology.

Our work is focused on four distinct areas: Innovation, Digital Literacy, Employment, and Assistive Technology.

www.neilsquire.ca

How it Works



1. REQUEST A BUILD

Browse our online library of assistive devices and request a project that works for you or your client.



2. VOLUNTEER MAKER RESPONDS

Your request will be posted to our forum where a volunteer maker can reply to fulfill your request.



3. COLLABORATION

Discuss timeline and project details. The requester is expected to cover material and any shipping cost.



4. RECEIVE BUILD

Start using the device! Leave a review on the website to help improve future designs.

Request projects, connect with volunteers across Canada and the U.S., and discuss ideas on:

makersmakingchange.com

Ways to Get Involved

Request Devices

People with disabilities and disability professionals can request devices from our library of open source assistive devices.

Build Projects

Makers can volunteer their time and skills to build a device for someone in their area.

Attend Events

Attend events across Canada and the U.S. where volunteers build assistive devices.

Review Devices

Improve designs by leaving a review about the form, function, and use.

Be a Community Champion

Volunteer to help bring Makers Making Change to your area or start a chapter. Sign up on makersmakingchange.com/chapter.

