



**Maker
Educator
Full-time**

STEAMLABS



About STEAMLabs

STEAMLabs is a **community makerspace** where people of all ages build projects using digital fabrication tools (like laser cutters and 3D printers), code, craft, wood and electronics.

We offer **memberships** for those looking to share space and tools, and interest-led project-based **maker education programs** for adults, kids and educators.

We believe that making enables our **creative autonomy**, capacity for **life-long learning**, and the decentralization of **technological innovation**.



About the position

Salary \$34,000 to \$44,000

STEAMLabs is looking for a Maker Educator for our Imagineering After School Program, Camps, PA Days, Field Trips and other special program bookings. You will work with our Director of Youth Programming.

Your passion is to help others develop creative, technical and personal skills through hands-on interest-lead learning. You've gained meaningful knowledge and experience in teaching, mentoring and/or facilitating in hands-on environments.

You're not necessarily a traditionally educated teacher - no teaching certificate is required. You're not afraid to let a 6 year old wield a hot glue gun in their pursuit to make a "robotic fish tank", and if a student proclaims she wants to make a bow and arrow out of marshmallows, you're ready to enable her make it work.

You celebrate failures, are comfortable in controlled chaos, and value the process over the product. You're organized, flexible, and interested in growing your own learning and teaching practice.

Availability

This role requires non-traditional work hours, including:

During school term - 1 weekday + 2 weekday evening (2pm-10pm)
+ 2 Weekend Day (930am-530pm, Saturday + Sunday)

Winter Break - Dec 27th-29th & Jan 2nd-5th

March Break - Mar 12th - 16th

July & August Summer Camps (full time, weekdays)



Responsibilities

- Lead or assist with after school classes, workshops, events, full-day programs, and/or camps – at STEAMLabs, and/or offsite
- Document your work – write lesson plans and activity guides
Maintain Makerspace materials, tools and equipment
- Collaborate with the Director of Youth Programming to train casual staff with specific technical expertise where necessary
- Collaborate with the Director of Youth Programming to plan program schedule
- Collaborate with STEAMLabs staff and outside partners to develop maker educational programming
- Complete other operational tasks that relate to your role (e.g. sourcing materials)



Skills + Experience

Required

- 2 years experience working with kids in an experiential learning environment
- Coding skills of some kind
- Experience using Arduino
- Experience with electronics

Bonus

- Experience developing/designing programs and activity plans
- Experience with HTML, Javascript or Scratch
- Knowledge of popular education, interest/project based learning, inquiry based learning, or other teaching philosophies
- Familiar with 2D design software such as Adobe Illustrator
- Familiar with 3D design programs such as Fusion 360
- Digital Fabrication experience (3D printing & laser cutting)
- Basic woodworking experience
- Minecraft experience



Why work with us?

- We're a small, agile team of friendly people with varied skills and experiences
- The lab is full of interesting tech, and interesting people working on projects
- We're a relatively new organization, so there are still lots of ways to contribute to it's shaping!
- There is plenty of opportunity to learn, grow and try new things
- The STEAMLabs Community (members, volunteers, program participants and otherwise) are awesome, and a pleasure and privilege to work with
- We're a workplace that embraces failure as the most potent form of learning
- You'll have access to the makerspace, and benefit from the same perks as members
- All staff get a membership at the Toronto Tool Library

HOW TO APPLY

Please send the following to careers@steamlabs.ca with the title “Maker Educator Full Time” as the subject line by **November 30th, 5pm***

- a cover letter outlining the qualifications and experience you would bring to the position
- a resume
- specify where/how you found out about the opportunity

*If you'd like to apply to both the full + part time positions please use the title “Maker Educator” and we'll consider your application for both positions.

www.steamlabs.ca

