



# **Response Workshops for 16+ : Inter-generational workshops**

**SLQ Wiki Fabrication Lab 2024/10/09 05:50**

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## Engagement style

### Venue

Innovation Lab

Fabrication lab

### Dates

#### Monday 2nd July 4-7pm

Arduino 101 at The Edge

2 Jul | 4-7pm | The Edge | 16+

This free workshop will focus on some of the basics of electronics theory and how to program lights and sound using the Arduino micro-controller platform.

#### Saturday 14th July 10-1pm

Arduino Skills in Motion at The Edge

7 Jul | 10-1pm | The Edge | 16+

During this free workshop you will have the opportunity to apply the skills you learned in the Arduino 101 workshops to program lights and or sounds for the Great and Grand Rumpus Installations. If you didn't attend the first workshop but have Arduino skills, come along and play!

#### Monday 16th July 4-7pm

Arduino Intermediate at The Edge

9 Jul | 4-7pm | The Edge | 16+

This free workshop expands on the introductory workshop, and will get you started with coding your own programs for Arduino. You'll draw on some tried-and-true project circuit designs that combine multiple sensors and actuators to make things glow and move.

### Capacity

15

### Staffing/contractors

1 external artist will be contracted and work with an Edge Volunteer

## **Rationale**

These 3 workshops are offered as an entry point into working with Arduino and Neopixels. It is a way to develop skills as well as have a noticeable outcome for participants and larger community. The Edge also offered a few drop in tinker and open lab style sessions to come in and have access to people, tools and skills.

The following is what happened in each workshop.

### **Skills development workshop**

[Skills development: Arduino and Neopixels](#)

### **Content Development workshops**

[Content 1: Arduino in Motion](#)

[Content 2: Intermediate Arduino](#)

### **The final installation in The Edge will**

- \* Showcase the creative output of State Library's community of participants
- \* Showcase the variety and capacity of State Library design and fabrication resources
- \* Build new audiences and extend current audience knowledge of SLQ programs and resources