

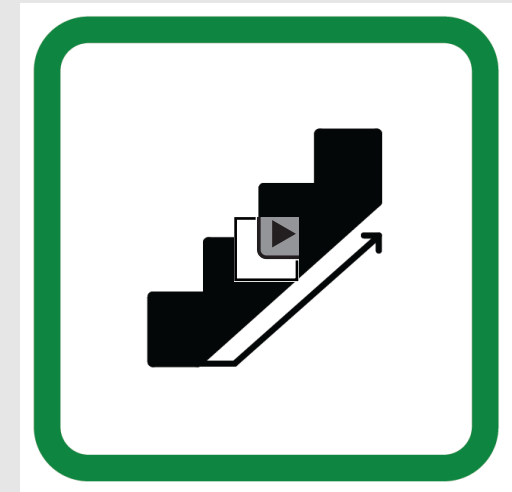
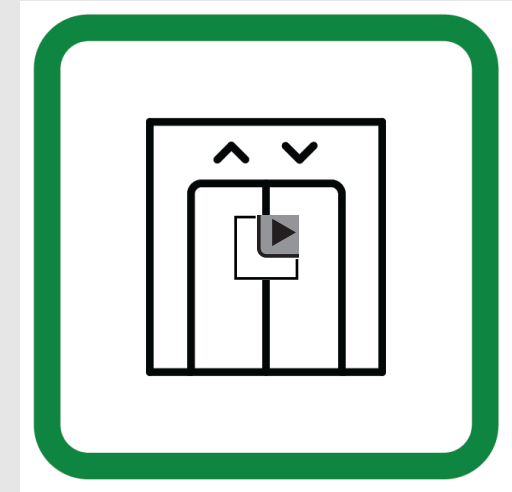
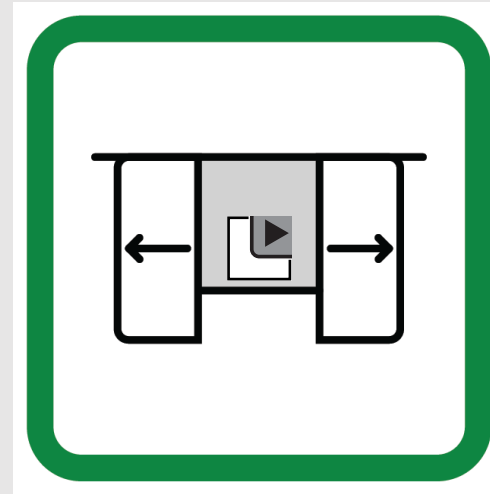
Final Presentation

“->”

Owen Avon, Fall 2023

The Project

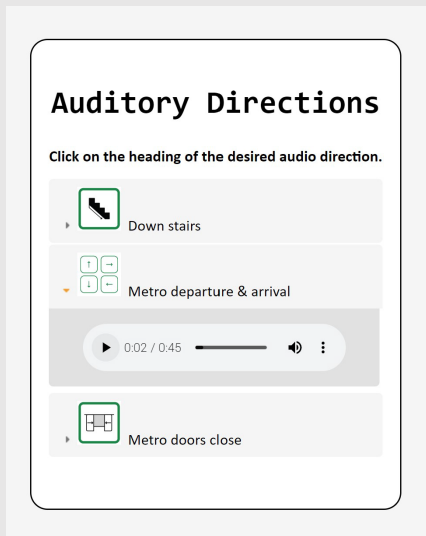
“->” combines illustrative information design with field recordings. This allows viewers to hear the visualized representation in audio form. The experience occurs through an interactive artifact.



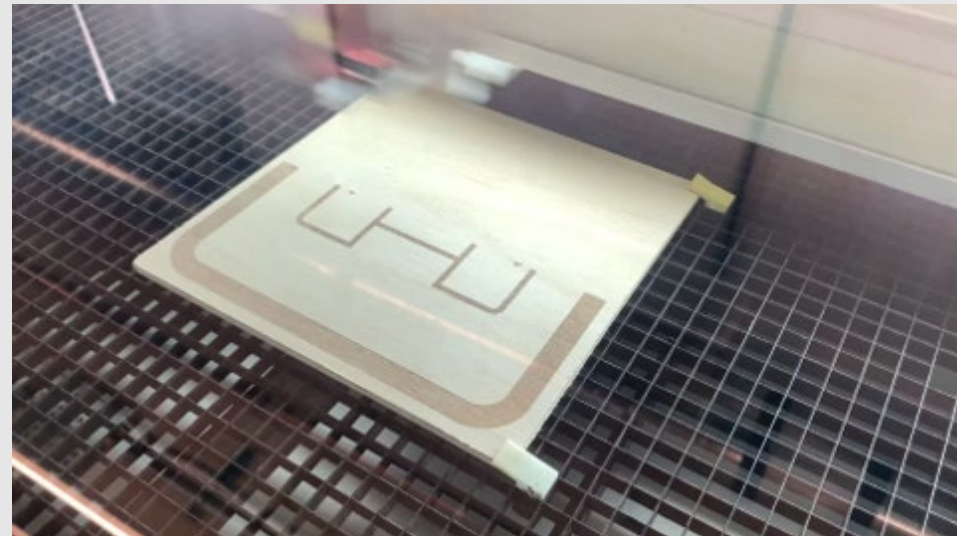
**Let's break
it down.**

Virtual + Physical

A database of familiar transportation sounds produce an ingrained auditory cue regarding way finding.

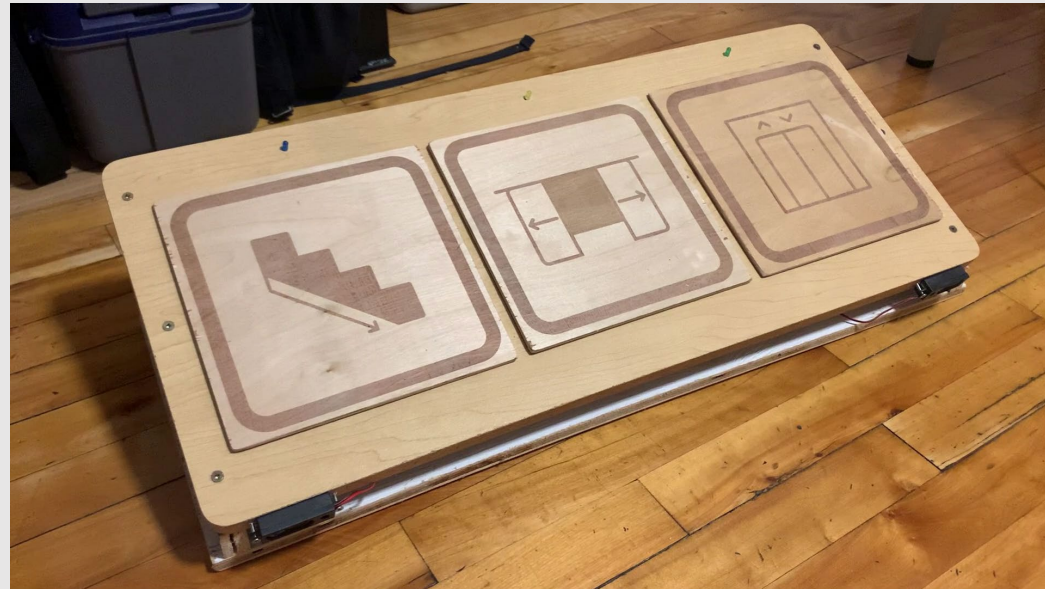


Physical laser printed signs provide a large tactile surface that invites users to touch and feel.



= Project

Thus, creating a multisensory
device for way finding.



**But
Why?**

Research & Project Outcome

Statistics Canada states that...

as of 2016, the mother tongue of over 35% of the population of Montreal is something other than French.

as of 2017, 6.2 million (22%) of Canadians aged 15 and older have a disability.

Thus, I decided to create a physical artifact that is designed to provide navigational guidance without the use of language, while also ensuring accessibility for those who have certain physical disabilities.

Data Sets & Research

Mother tongue⁴, Montréal, 2011 and 2016

Language	2016		2011	
	Number	Percent	Number	Percent
Total	4,053,360	100	3,894,855	100
English	533,845	13.2	517,085	13.3
French	2,672,360	65.9	2,596,770	66.7
Other languages	1,009,300	24.9	912,250	23.4
Aboriginal languages	910	0.0	855	0.0
Immigrant languages	1,007,045	24.8	910,400	23.4

Research Information regarding mother tongue in Montreal

<https://www12.statcan.gc.ca/census-recensement/2016/as-sa/fogs-spg/Facts-cma-eng.cfm?LANG=Eng&GK=CMA&GC=462&TOPIC=5>



Research Information regarding 2017 Canadian survey on Disability (CSD)

<https://www150.statcan.gc.ca/n1/pub/11-627-m/11-627-m2022062-eng.htm>

Assessment of Stakeholders

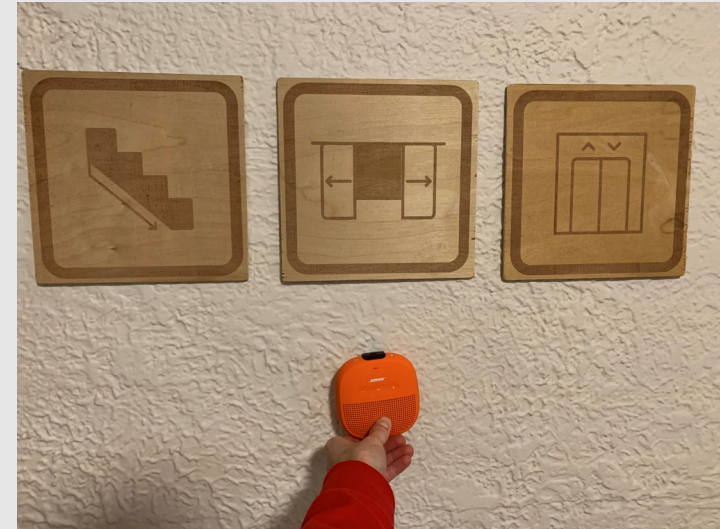
Who it is for?

- The interactive experience is for people who may not speak French, and or, have vision impairments. This could include locals, tourists, international students, businesspeople, etc.
 - It may also be used as a marketing device to encourage people to become more familiar with the “sights” and “sounds” of the transportation system.

Assessment of Stakeholders

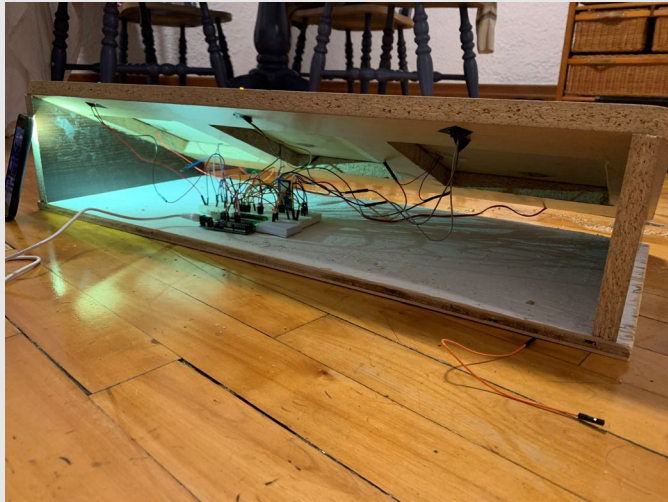
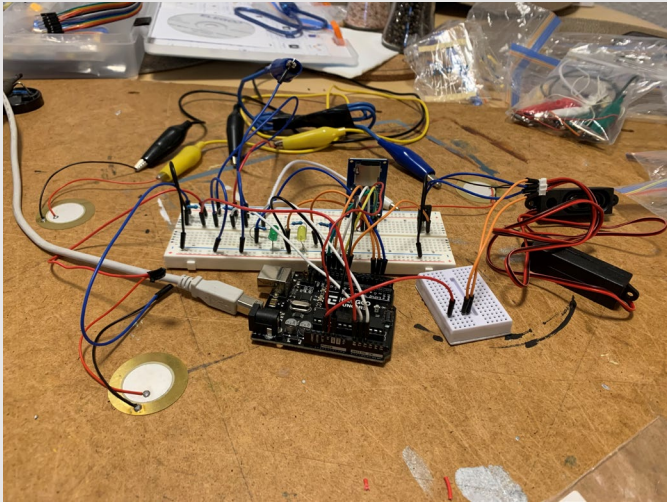
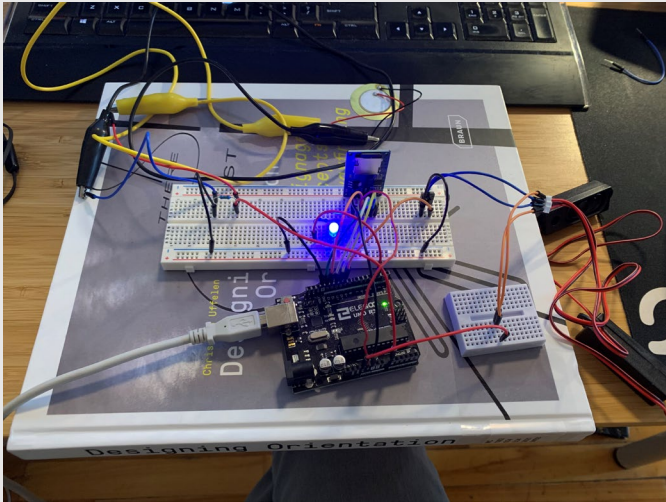
Where is it?

- The final version of the interaction could be placed on the walls in and around the Metro System. The Illustrations would differ depending on the placement of the interaction.
 - One location may include the escalator, metro doors, and elevator. Another location may include the blue line arrow, escalator, and city bus doors.

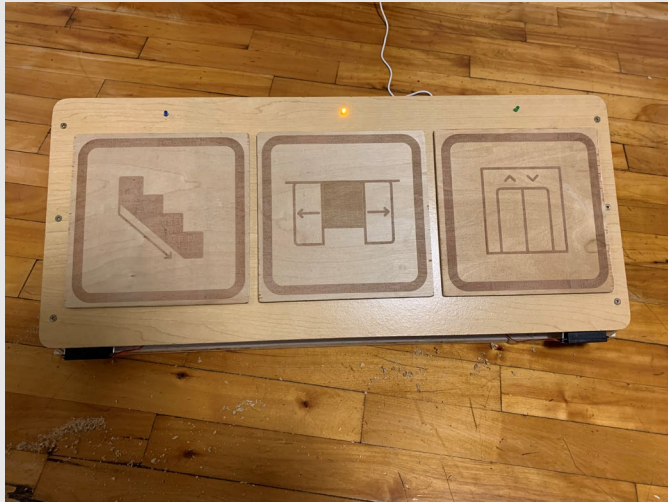


The Process

Iterations (Electronics)



Designs (Structure)



Prototypes (Demonstration Videos)



https://www.youtube.com/watch?v=Xc7rldTdNk&ab_channel=OwenAvon



https://www.youtube.com/watch?v=Pq4jqC5IK_Y&ab_channel=OwenAvon



https://www.youtube.com/watch?v=Pq4jqC5IK_Y&ab_channel=OwenAvon

Questions?
Comments?