

**K-12**

# **Architectural Education Org. Survey + Scan Summary**

Last Updated: July 06, 2023

**TSA** TORONTO  
SOCIETY OF  
ARCHITECTS



Ontario Association  
of Architects

Ordre des architectes  
de l'Ontario

# | About the Survey and this Summary

- Joint initiative by OAA and TSA to better understand existing extra-curricular K-12 Architectural Education programs in Ontario and Canada.
- The survey was sent out to **19 organizations** which met the following criteria:
  - Has a program focused on design/architectural education for students K-12.
  - Is active in Canada.
- Questions **focused on the type of organization and delivery of program, not on content.**
- Survey was open from March 9 to May 10, 2023.
- In total, **12 organizations responded.**
- Results have been compiled to reflect responses from the survey, and **some additional information has been sourced through organization websites when specific information was not provided.**
- This summary is not comprehensive but is meant as a first step in understanding the work being done.

# Organizations Contacted

- Azrieli School of Architecture & Urbanism (Carleton University)
- Black Architects and Interior Designers Association (BAIDA)
- Canadian Contemporary School of Art
- Department of Architectural Science (Toronto Metropolitan University)
- Faculty of Applied Science & Engineering (University of Toronto)
- Future Cities Canada
- Harbourfront Centre
- John H. Daniels Faculty of Architecture, Landscape and Design (University of Toronto)
- McEwen School of Architecture (Laurentian University)
- McGill University
- Nikibii Dawadinna Giigwag Initiative (University of Toronto)
- No.9
- North York Community House
- Ontario Science Centre
- RAIC Centre for Architecture (Athabasca University)
- Toronto Society of Architects
- Urban Minds
- Windsor Regional Society of Architects
- Winnipeg Architecture Foundation

# Organizations That Provided Responses

- **Azrieli School of Architecture & Urbanism (Carleton University)**
- **Black Architects and Interior Designers Association (BAIDA)**
- Canadian Contemporary School of Art
- **Department of Architectural Science (Toronto Metropolitan University)**
- Faculty of Applied Science & Engineering (University of Toronto)
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# | Types of Organizations

## **Community Organizations**

Groups, including unincorporated nonprofits, who have decided to do things together for a purpose or goal other than profit. Includes Local Societies, student groups, grassroots organizations, etc. Does not include organizations that have incorporated.

## **Registered Charities**

A specific type of incorporated nonprofit. Must use its resources for charitable activities and have exclusively charitable purposes (advancing religion or education, relieving poverty, and other purposes that benefit the community).

## **Incorporated Non-Profits**

Independent legal entities whose goals do not include gain or profit for its members. Must be incorporated. Their activities are limited to those that help them achieve the goals in its articles.

## **Educational Organizations**

Established academic institutions whose primary purpose is education. Category includes universities, colleges and high schools, as well as organizations with a direct affiliation to an academic institution.

# | Types of Organizations

## Community Organizations

- Toronto Society of Architects
- Windsor Regional Society of Architects

## Incorporated Non-Profits

- BAIDA
- North York Community House
- Urban Minds

## Registered Charities

- No.9
- Winnipeg Architecture Foundation

## Educational Organizations

- Azrieli School of Architecture & Urbanism (CU)
- Department of Architectural Science (TMU)
- McEwen School of Architecture (LU)
- McGill University
- RAIC Centre for Architecture (AU)

# Programs Offered

- 1UP Chapters
- 1UP Conferences
- 1UP Connect Webinars
- 1UP Leaders Labs
- ArchiShorts film competitions
- Architectural Science Camp
- Architecture Classes (CCSA)
- Architecture Summer Camp (Harbourfront)
- Architecture Bootcamp (for-credit course)
- Asynchronous online activities/packages
- Bilingual Summer Camp
- Building Black Success Through Design (BBSD)
- Career exploratory studios
- Community showcases
- Daniels Design Discovery (Uoft)
- Day Camps (BAIDA)
- Design Challenges (TMU DAS)
- Digital Creativity Camp
- Educator Resources (No.9)
- Future City Builders Program
- High School Tours (TMU DAS)
- IMSC Summer Art Camp
- Indigenous Design & Engineering Academy: Horizons
- Indigenous Design & Engineering Academy: Leader-in-Training
- Industry Collaborations (like mini design-builds)
- Kids' Main Street Public Program
- Landscape Design Classes (CCSA)
- Mad Science: Brixology Summer Camp (Harbourfront)
- Mentorships (BAIDA)
- Minecraft Architecture Camp
- Multi-day in-class programming
- Multilingual architecture maps
- Nibibii Dawadinna Giigwag Initiative
- On- and Off- Campus Activity Sessions
- One-Week on-campus labs
- One-Week online labs
- One-off lectures on careers & paths to licensure
- Participation in TDSB Trades Fairs
- Presentations with the On Track to Success program
- Programming at local libraries
- Publications & Activity Books
- School Program: Structures (Ontario Science Centre)
- Supporting co-op placements
- TSA Guide Map (digital resource)
- TSA Open Studio program
- TSA Walking Tours
- Urban Design Classes (CCSA)
- Urban Explorers Summer Camp (Harbourfront)
- Volunteering opportunities (TSA)
- Weekly community leadership sessions
- Workshops (BAIDA)

# | Existing Programming by Program Type

- In-Person Camps or Labs
  - Weekend-long
  - Week-long (Summer)
  - Evening Sessions (weekly)
- Online Camps
- Public Programming (one-offs)
- Webinars & Lectures (one-offs)
- In-Class Programs (In-Person, Synchronous)
- Online Activities & Teaching Packages (Asynchronous)
- Courses (For Credit)
- Presentations to Classes
- Conferences
- Tours
- Film Competitions
- Volunteering Opportunities
- Mentorship
- Resources
  - Print
  - Online (Databases, etc.)



# | Some Identified Categories

## Informal

Informal learning occurs away from structured, formal environments (like a classroom), and can include things like viewing videos, social media interaction, mentoring sessions, social events, and games/activities. It is often self-directed, but can also be incidental / unintentional.

## Formal

Formal learning occurs through structured programs guided by an instructor that has intentional and specific learning objectives and may lead to an achievement, and can include things like in-person or online workshops / lectures, and conferences.

## Career

Career-based programming uses either formal or informal learning with the specific goal of aiding students' transition into careers. These programs encourage their understanding of the field of architecture and its career paths, as well as explore and build on career passions / interests.

# | Programs by Category

## Informal 3-17+

- In-Person Camps
- Online Camps/Activities
- Conferences
- Tours / Public Programming
- Film Competitions
- Volunteering Opportunities
- Mentorship
- Resources

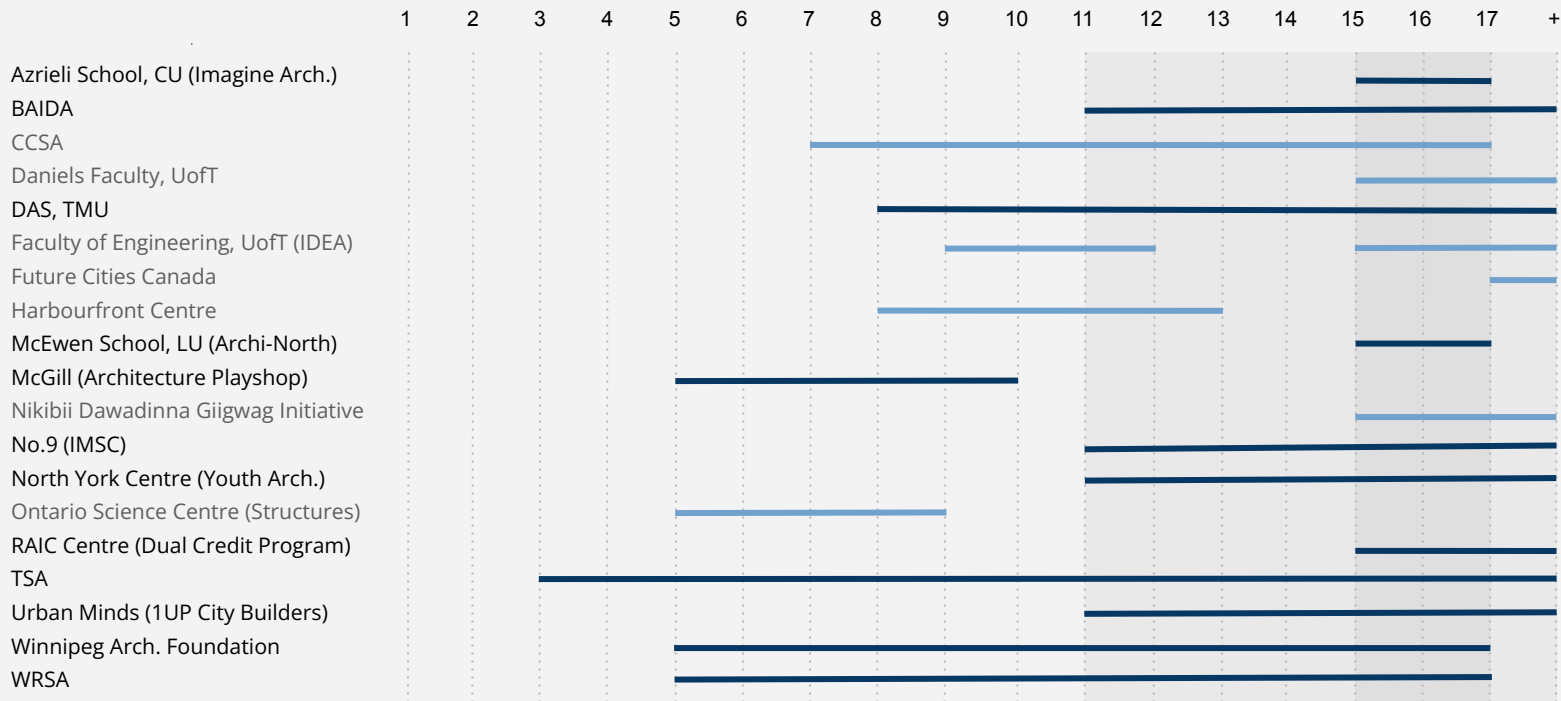
## Formal 5-17+

- In-Person Camps
- Online Camps/Activities
- Conferences
- Tours / Public Programming
- Webinars/Lectures
- In-Class Programs / Presentations
- Teaching Packages
- Courses (For Credit)

## Career 12-17+

- In-Person Labs
- In-Class Programs / Presentations
- Volunteering Opportunities
- Mentorship
- Resources

# Age of Participants



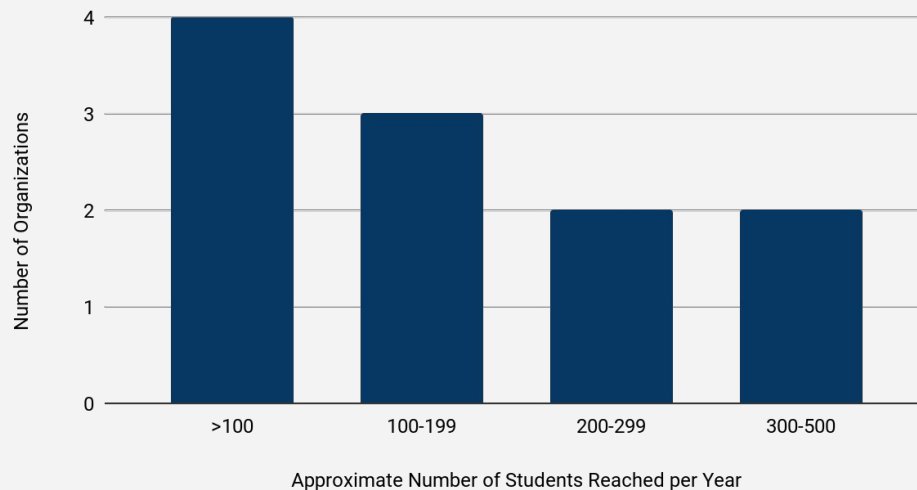
■ Participating Organizations (sourced from survey responses)

■ Other Organizations (sourced from organization website)

# Annual Reach

- Reach is hard to calculate, particularly as it relates to indirect/on-demand audiences.
- Of organizations surveyed, there is a wide range of participants reached but none reach above 500 direct engagements annually.
- Many of the smaller audiences are related to programs serving specific populations, so it is not just about total numbers but who is being served.

Submitted Audience Reach



\*Counts include direct engagement only.

\*\* Graph only reflects information submitted in the survey.

# | Program Audience

- Majority of programs have a broad approach towards audience, not focused on any specific population other than K-12 students.
- A number of organizations focus all or some of their initiatives on specific groups, including marginalized communities:
  - Black Students
  - People of Colour
  - Indigenous Youth
  - Non-English Speakers
  - Newcomers
  - Priority Neighbourhoods
  - Underserved Community/Local Youth
  - Underserved Youth Outside the GTA
- Some programs focus on reaching educators rather than K-12 students directly.

# Program Costs

## Free

Architecture Playshop  
(McGill)

Mentorship, Workshops,  
Day Camps  
(BAIDA)

School Tours, Guide Map,  
Open Studio, Volunteering  
(TSA)

ArchiShorts, Maps  
(WAF)

Dual Credit  
Architecture Bootcamp  
(RAIC Centre)

Future City Builders  
(Future Cities Canada)

Tours for Students  
(DAS, TMU)

Youth Architects  
Summer Program  
(North York Centre)

Leaders Lab, Connect  
Webinars, Conferences  
(1UP, Urban Minds)

Lectures, Presentations  
(WRSA)

Building Black Success  
Through Design  
(Daniels)

IDEA Programs  
(UofT)

## Both

Imagining My  
Sustainable  
Community  
(No.9)

## Paid (\$10-\$2,500)

Summer Camps  
(DAS, TMU)

Archi-North  
Summer Camp  
(McEwen School, LU)

Printed Publications  
(WAF)

School Program:  
Structures  
(Ontario Science Centre)

Summer Camps  
(Harbourfront Centre)

Imagine Architecture  
(Azrieli School, CU)

IMSC Summer  
Art Camp  
(No.9)

Workshops  
(Urban Minds)

Public Programming,  
Public Tours  
(TSA)

Daniels Design Discovery  
(UofT)

All Classes  
(CCSA)

# | Common Challenges



# | Takeaways

- There is a large number and variety of K-12 architectural extra-curricular programming in Ontario and Canada, each taking a unique approach.
- Of organizations surveyed, the top annual reach was 500 participants, but this does not include indirect forms of engagement like resource libraries, publications, videos and online content where it is harder to track direct reach to K-12 students.
- Highest amount of programming exists for ages 15-17, often focusing on participants' career interests and paths.
- Least amount of programming for those 7 and under, with almost no programming for children under 5.
- A large percentage of the current programming is offered for free to students, with most paid programs being week-long camps (price varies widely).
- Limited resources (financial and people), not lack of interest, is the leading challenge in maintaining and growing current programs.