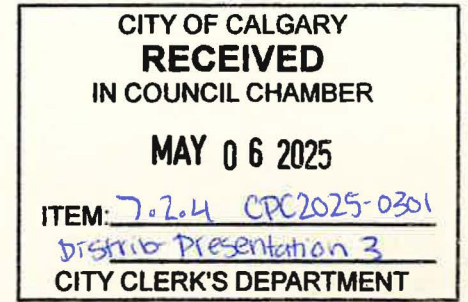


# Hack Your Routes: Co-designing Safe Routes to School





Hack your Routes



**Mitchell Jorstad**  
@OfficialMitchll

Older folks: "Why don't kids go outside anymore?"

The outside they built:





WHY DON'T KIDS WALK TO SCHOOL?

**It's not the  
kids these  
days...**



**it's the  
streets  
these days.**

SO, WHAT DO WE DO ABOUT IT?

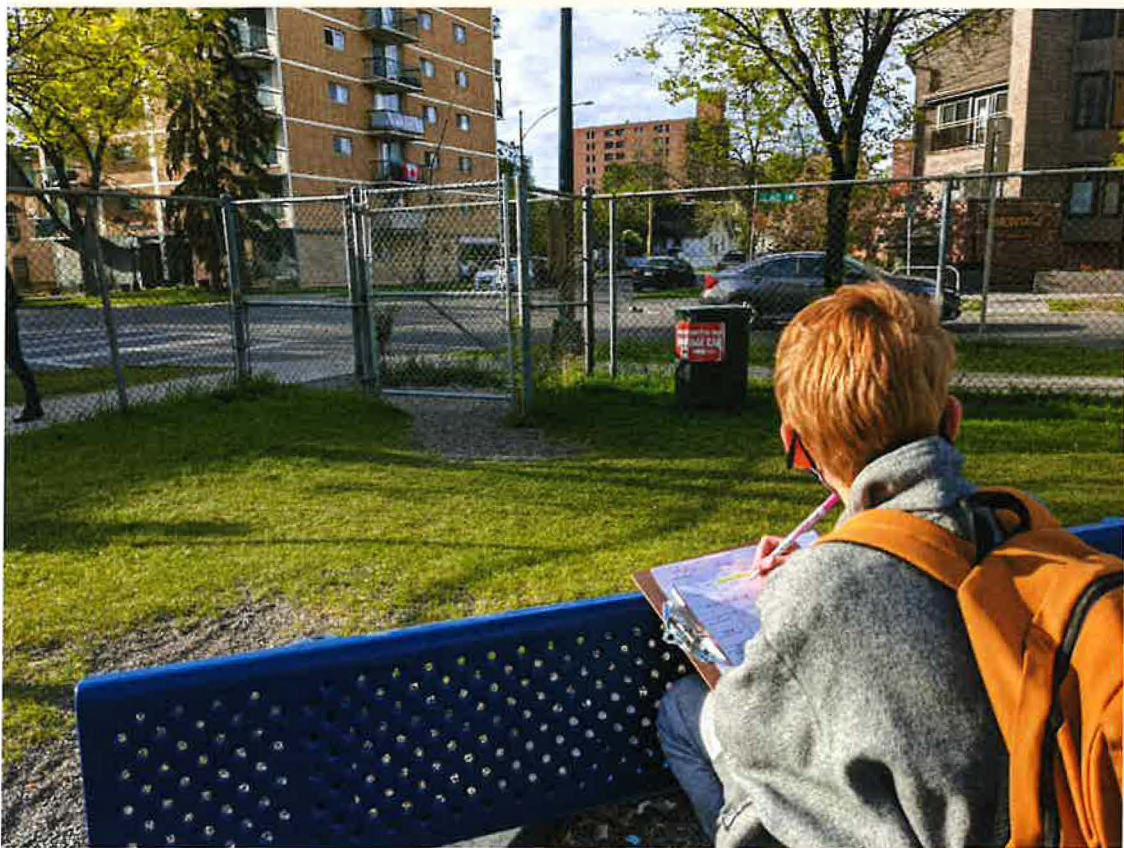




What would streets  
look like if we  
designed them for and  
by kids?

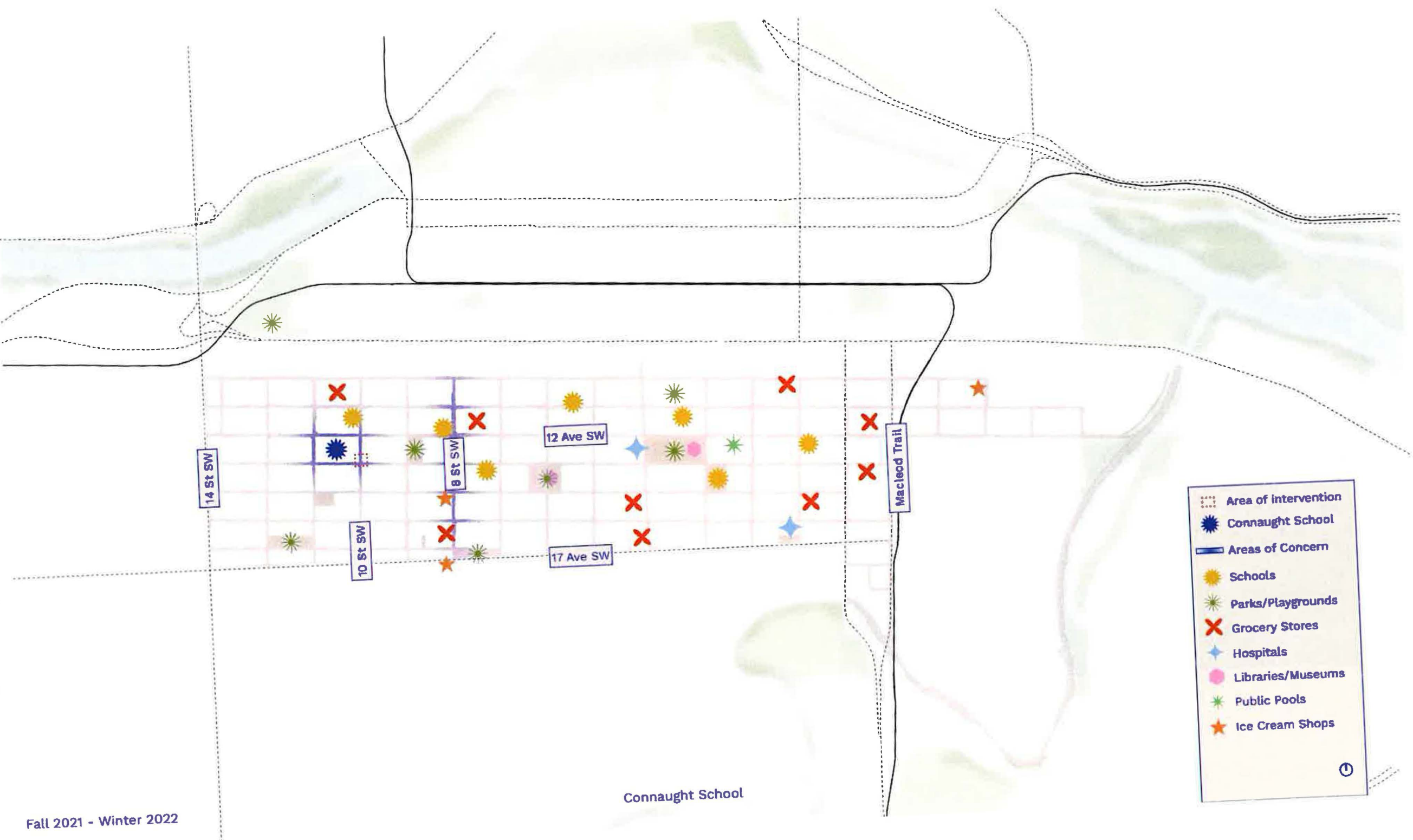


## Hack your Routes



\* Children evaluating and making observations about the streets around their school





- Area of intervention
- Connaught School
- Areas of Concern
- Schools
- Parks/Playgrounds
- Grocery Stores
- Hospitals
- Libraries/Museums
- Public Pools
- Ice Cream Shops

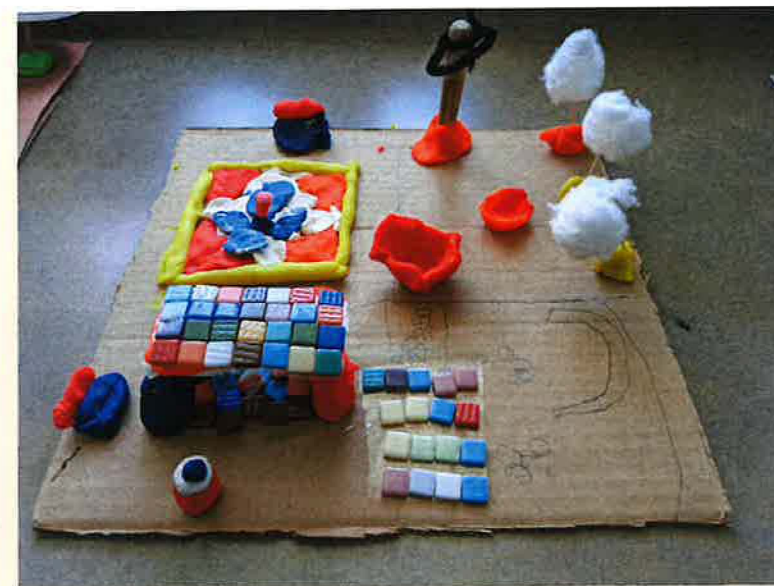
## Hack your Routes



- After the evaluation and analysis phase, students created a proposal to improve streets



## Sustainable Calgary



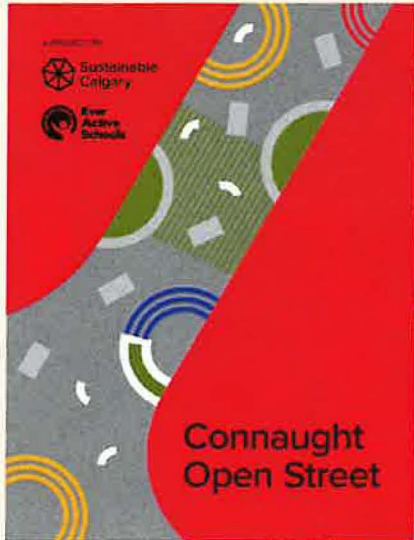


Hack your Routes



Sustainable Calgary





Three  
precedent-setting,  
award winning  
concepts!







Collaborations  
with NextCalgary,  
BUMP Mural  
Festival and  
University of  
Calgary





# School Streets Benefits & Best Practices:

- School Streets Literature Review (University of Victoria)
- Bloomberg Philanthropies staff support
- National School Streets Community of Practice (Canada)
- Primary research w/ UofC, SAIT & Government of Canada



**Sustainable Calgary**  
is part of the nationwide  
movement for

# SCHOOL STREETS

Safer Streets, Happier Children,  
Healthier Communities

Delivered by:

**Green Communities**  
CANADA

Funded by:

 **Public Health Agency of Canada** Agence de la santé publique du Canada

Partners:



What makes an open street successful?

separation



identity



purpose







Buckmaster Park (Calgary, AB)



Andree-Lachapelle Place, Montreal, QC



Maple St and 4 Ave Plaza (Vancouver, BC)



# Where should Open Streets be implemented?

## Constraints

- Collector (or above)
- Transit routes
- Truck routes
- Local access (driveway)

## Opportunities

- Grid network
- Short block
- Lane access
- Schools and BIA's



# Proposed Design

## Concept Key

- Key**
- ① Bike parking
  - ② Modular triangular seating element
  - ③ Seating with permeable screening and overhead element
  - ④ Proposed entry light features
  - ⑤ Absorbent landscaping - LID feature to accept storm water from park
  - ⑥ 'Outdoor room' overhead feature
  - ⑦ Programmable space with lighting feature
  - ⑧ Existing boulevard and sidewalk
  - ⑨ All grade planters to have naturalized grasses, wild flowers, and tree plantings (where possible)
  - ⑩ Seating platforms that will dually serve as breakout nodes for outdoor classroom and learning opportunities

The Connaught Open Street schematic design will permanently support safe routes to school for children by removing traffic adjacent to the school and playground along the southern half block of 10th St SW. The proposed schematic design considers years of public engagement with the local community, children, teachers and parents of Connaught School, City of Calgary, and Sustainable Calgary.

The plaza will provide much needed greenspace within the Beltline by providing community amenities such as seating, outdoor gathering space, and programmable space. The schematic design supports sustainable initiatives through additional tree planting, pollinator friendly planting beds, and stormwater infiltration opportunities.

## Concept Legend

- Key**
- ▲ Bike access
  - ▲ Vehicle Access
  - ▲ Pedestrian Access
  - ▲ Residential Access



② Modular triangular seating element



③ Seating with permeable screening and overhead element



⑤ Absorbent landscaping - LID feature to accept storm water from park



④ Overhead feature to create an 'Outdoor room'



⑨ All planters to have naturalized grasses, wild flowers, and tree plantings



