

MINECRAFT PROJECT 2025



PROJECT OVERVIEW

In this Project:

- Students design real spaces in our city using Minecraft Education
- Focus on what's best for the community
- Encourages civic thinking: “What would make this neighborhood better for everyone?”
- Blends creativity with real-world problem solving in STEM, social studies, and design

Designed for Grades 3-7

Launched March 17th and submissions are due by May 30th



HISTORY OF PROJECT

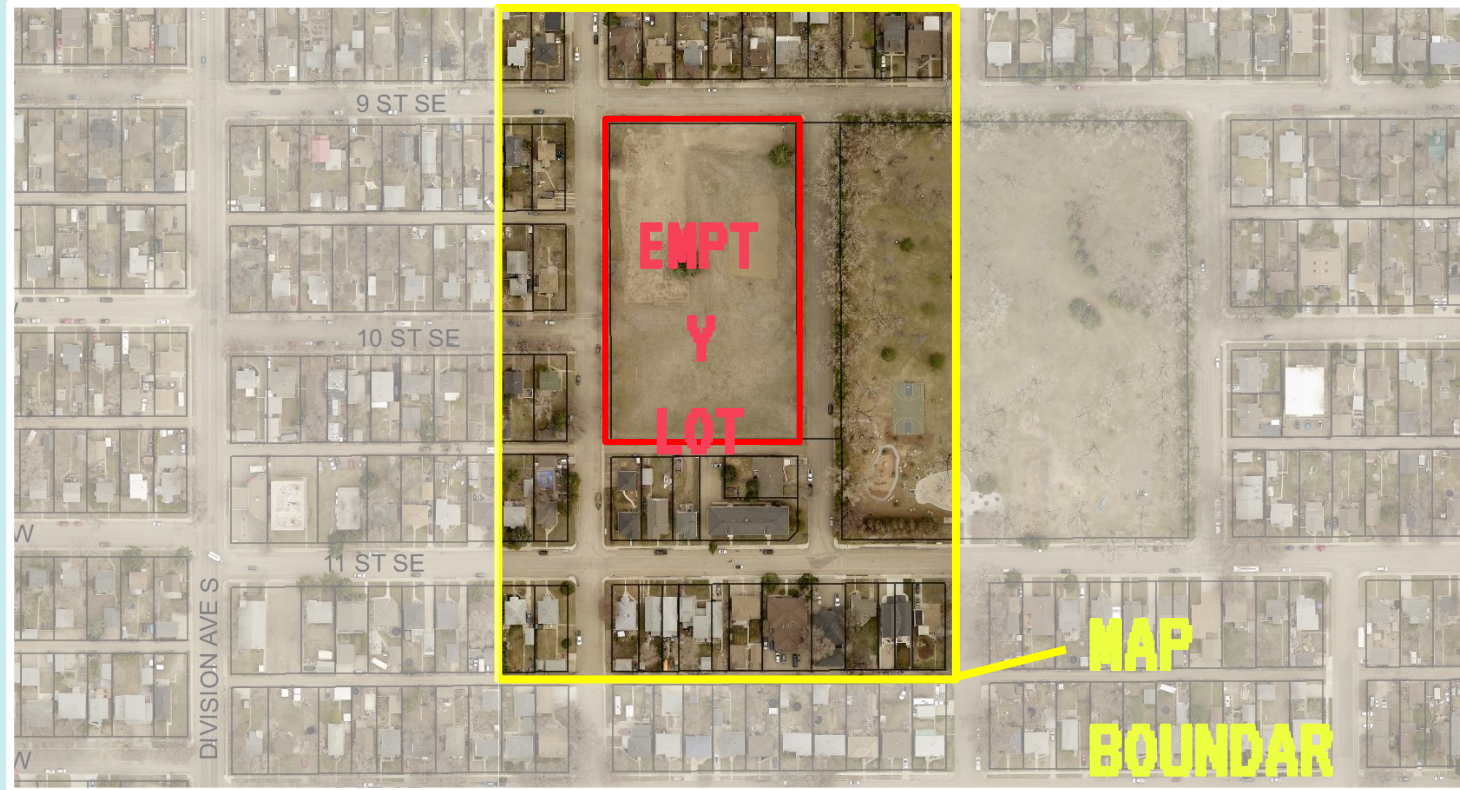


Level Up Calgary map

Cities across Canada have used Minecraft: Education Edition for real-world design challenges. Level Up, Calgary! launched in 2021, engaging thousands of students in urban planning.



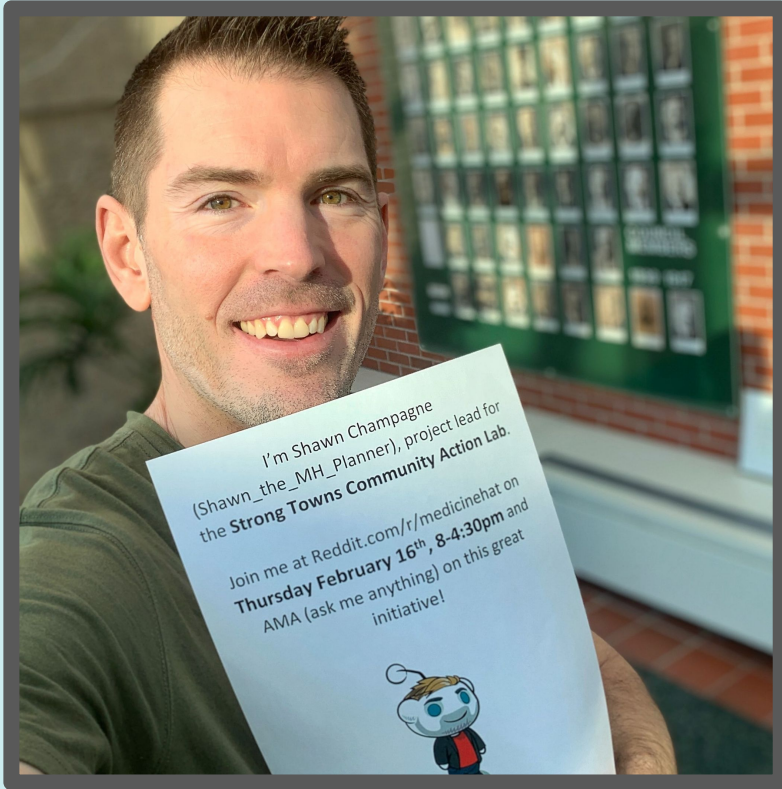
LOCATION



Y



FOCUS ON ZONING



Shawn Champagne, Senior Planner for the City of Medicine Hat, suggested a focus on zoning.

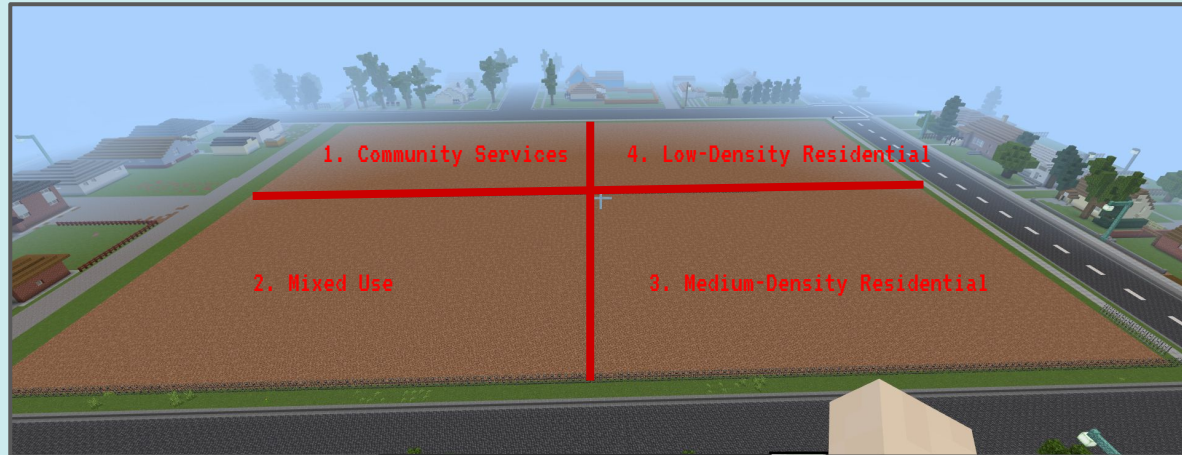
This focus introduces a greater understanding of city planning, and it presents cross-curricular activities for Math in calculating area, land use percentages, height, and more!



THE FOUR ZONES

The lot has been split up into 4 zones. Students choose ONE of these lots to build in:

1. Community Services
2. Mixed-Use
3. Medium-Density Residential
4. Low-Density Residential



THE MAP



THE MAP



SCHOOL INVOLVEMENT

The response this year has been fantastic with at least 26 classes from 10 different schools taking part in the project.

1. Connaught (1)
2. Crestwood (2)
3. Dr. Ken Sauer (3)
4. Dr. Roy Wilson Learning Centre (8)
5. Herald (1)
6. Medicine Hat Christian (1)
7. River Heights (2)
8. Ross Glen (1)
9. Vincent Massey (5)
10. Webster Niblock (2)



IMPROVEMENTS

- Greater choice for students
- One stop website for teachers
- Ready made workbook with various curriculum connections
- Scheduled classroom visits to introduce the project and get students started.
- Submissions with slides template vs video
- Minecraft introduced cloud saving
- Edsby group for collaboration between teachers



WHAT'S NEXT

Ross Glen students receive recognition for virtual engineering

BY ANNA SMITH LOCAL JOURNALISM INITIATIVE ON JUNE 26, 2024.

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Monday saw two students from Ross Glen School awarded for their work in a long-term project done in partnership with the City of Medicine Hat, using popular game Minecraft to pitch ideas for future building projects.

The students, Rayna Trabish and Quinn Wolfer, are in Grade 4 and 5, respectively, and were recognized for their takes on an affordable housing building and assisted living facility.

Students from multiple schools took part in the project, with some initial direction from Shawn Champagne, senior planner with the City of Medicine Hat.

"I got to teach them a little bit about the development process, like, what the Land Use Bylaw is, what the building code is, what the regulations are on the sites, so that there would be a restriction on the building height and the size of the building and the amount



Quinn Wolfer and Rayna Trabish stand with their new trophies alongside Medicine Hat senior planner Shawn Champagne at city hall on Monday. --Photo Courtesy

- Organized Virtual Meets with Shawn
- Some classes are doing site visits
- Two award ceremonies (Likely grades 3-5, 6-9) in June



THANKS!

