



260% increase in walking/biking to school



TravelWell Schools Case Study

Gus Wheeler's 4th Grade—Ensign Elementary, Salt Lake City

- Students use the innovative MappsLab app In a 45 minute volunteer led classroom activity
 - Place a pin on their house
 - Draw their route from their house to school
 - Change the color of that line based on mode of travel.

Green line = Active travel (walk, bike, scooter).
 [DATA: 6/25 students, 24%]
 Red Line = Private Car
 [DATA: 19/25 students, 76%]
 Orange Line = School Bus /Public Transit
 [DATA: 0/25 students, 0%]
- In the route text box they were asked to note the distance they live from school and why they travel in the indicated mode
 [DATA: 23/25 students live within 1.2 miles]
- Through multimedia students learn about Active Transportation and make a *Pros and Cons List* (*freedom, exercise, cold...*) and apply them to their personal travel mode
- Using the class map students brainstorm ways to turn Red lines to Green (walking together, biking, drop off points a distance from school) and commit to testing these strategies
- Session 2— two weeks later students revisit the class map and make any changes in their mode of travel noting *Why and How*
 [DATA: 16/25 students now change Red routes to Green, 64% of students now using active transportation, a 260% increase]



TravelWell Emphasis

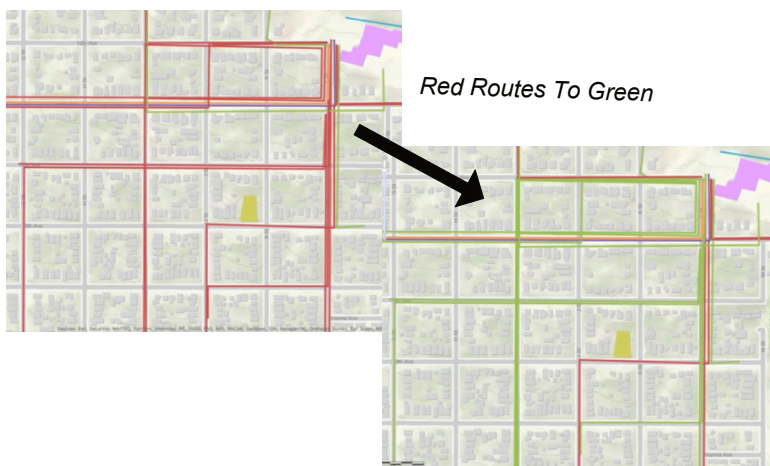
Children—to provide them with basic safety, health and environmental education on the benefits of walking and biking in your daily routine. CORE curriculum topics applied with real world Relevance—heightened engagement.

Parents—create awareness of the need for pedestrian and bicyclist safety education and opportunities to walk and bike by practicing safety skills with their children.

Drivers—to alert all drivers to the presence of walkers and bicyclists and the need for empathy.

Public—Encourage retired individuals and/or work from home individuals to walk their neighborhood during school drop off/ pick up times

Local Officials—Direct communication tool to identify infrastructure changes needed to improve walking and bicycling conditions around schools.





MappsLab and TravelWell Schools

March 2023

Emily Zheutlin - 9th Grade AP Geography - East High School, SLC UT

Walkability Assessment

- Where do you feel safe vs. not safe walking. Why?
- Discussion of complete streets.
- Students placed a pin on a specific site that feels unsafe.
- Text description along with a screenshot and direct location link to google maps street view.
- Streetmix was used to redesign a complete street.

mapps lab DASHBOARD HELP

construction makes it so you cant see when someone is coming when you're at your car in the middle parking or pulling out of your parking spot and no cars look for people walking to there cars in the middle.

<https://www.google.com/maps/@40.7644718,-111.8824464,3a,75y,332.09h,85.8t/data=!3m6!1e1!3m4!1swExbY1qPYMJoEueyza-bsQ!2e0!7!16384!8!8192>

I can even cross it because the people don't care about you

I bike to school on the 1.5 mile stretch along Wasatch Blvd. There are 2 narrow bike lanes. Posted speed limit is 40 mph, but cars go faster than that. After measuring the street width on google maps, Streetmix was used to create an ideal complete street.

Wasatch Blvd

Streetmix interface showing a cross-section of the road with various lane types and widths.

TravelWell Education Includes

Children- to provide them with basic safety, health and environmental education on the benefits of walking and biking in your daily routine (60 min- rec. minimum). Many curriculum topics can be applied with real world relevancy.

Parents- create awareness of the need for pedestrian and bicyclist safety education and opportunities to walk and bike by practicing safety skills with their children.

Drivers- to alert all drivers to the presence of walkers and bicyclists and the need to slow down.

Public- Encourage retired individuals and/or work from home individuals to walk their neighborhood during drop off/ pick up times of local school.

Local Officials- Direct communication tool to identify changes needed to improve walking and bicycling conditions around schools

What Can Be Done to Promote Active Transportation to/from School

- I. Neighborhood schools that are within walking and bicycling distance from schools.
- II. Dedicated Park and Stride locations to be promoted for students living beyond 1 mile.
- III. Education and promotion of Public Transit options for students living beyond 1 mile.
- IV. Sidewalks or bike-paths that connect homes with schools- communicate when these are lacking.
- V. Improved opportunities to cross streets- communicate when these are lacking.
- VI. Slow vehicle speed- communicate when this is a concern.

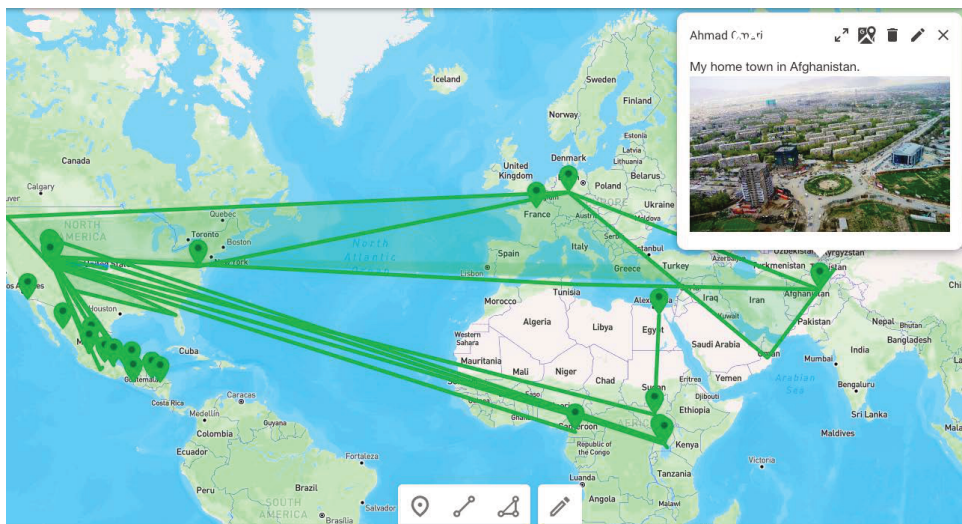
Connecting Communities to Place —Relevant



Aug 2022

MappsLab and TravelWell Schools

Rebecca -9th Grade ELS Class - East High School, SLC UT

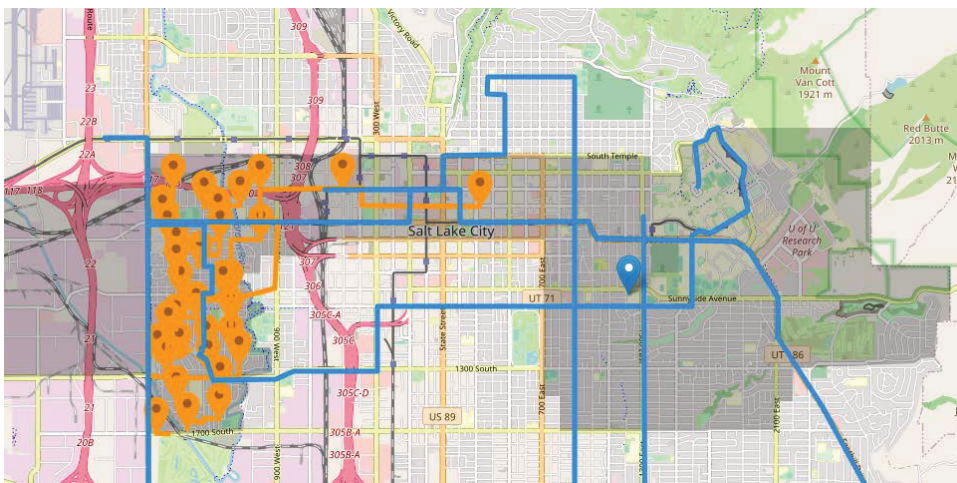


First session: "Where I Come From"
Heritage Mapping and LA Story Telling

2nd Session: "Where I come from TODAY"
Travel Choices, Neighborhood
Observations, Free UTA pass
encouragement

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