

**Project Title: Wheelchair accessibility in the Avenues**  
**Created by: Claudia Butter (Open Classroom - SLCSD)**  
**Class: UEN CMaP 2010**

Project Description	Students will identify wheelchair accessibility in the Avenues of Salt Lake City.
Community Issue or Problem Selected -How project evolved?	We often walk to activities from the Open Classroom to Downtown, the upper avenues (Lindsey Gardens) and to City Creek Canyon. When the sidewalk is impassible, wheelchairs are forced to use the street for access. Wheelchair accessibility and safety is a necessity for our students and the community.
Community Partner(s)	Salt Lake City School District, Avenues Community Council, City of Salt Lake
Project Objectives	Our goal is to raise awareness of community leaders on the issue of wheelchair accessibility and help them prioritize repairs to sidewalks. We will also map routes to our destinations that are wheelchair accessible.
Utah Core Standards/Objectives	Social Studies Standard 1-Students will understand how geography influences community location and development. Objective 1-Determine the relationships between human settlement and geography. A-Identify the geographic features common to areas where human settlements exist. B-Use map features to make logical inferences and describe relationships between human settlement and physical geography (e.g. population density in relation to latitude, cities' proximity to water, and utilization of natural resources).
Essential Question(s) -Spatial Issue	How do broken sidewalks impact community safety? How will our project make a difference in our community?
Assessments (rubrics, scoring guides)	Checklist rubric created by students
Project Products	Team created ArcMap of wheelchair accessible routes (digital and printed) Team created ArcMap (digital and printed) of problem areas Script for presentation to Community Council
Project Timeline (include a step by step Procedures)	Day 1 - Brainstorm wheelchair accessibility issues and solutions – end goal is to create a presentation for the Avenues Community Council Day 2 – Introduce GPS/GIS – practice – create initials on playground Day 3 – Brainstorm plan for creating a common map that includes groups students (each team is given a task/area/route) – create rubric Day 4 – Implement the plan (who goes where, when...) Day 5-7 – Compile data – photos, descriptions, waypoints

	<p>Day 8-10 – Brainstorm presentation process (who will present what? How do you create a persuasive presentation?) Work on presentations (each team will have a task)</p> <p>Day 11 – Practice presentations in front of another class and the principal</p> <p>Day 12 – Present findings to Community Council</p>
Resources Needed	<p>Handheld GPS Units</p> <p>Digital cameras</p> <p>Rulers for measuring gaps, heights...</p> <p>Computers</p> <p>Journals/notebooks for recording observations at each waypoint</p>
Skills Required	<p>GPS use</p> <p>GIS</p> <p>Computer</p> <p>Working in collaborative teams</p> <p>Measuring</p> <p>Data collection and evaluation</p> <p>Persuasive writing/presentation</p>
Project Team Member Roles	<p>Teacher(s): Claudia Butter</p> <p>Students: Open Classroom 5<sup>th</sup> – 8<sup>th</sup> grade students</p> <p>Partner(s): SLCSD, Avenues Community Council</p>
Celebration/Presentation	<p>Present findings to other classrooms and principal</p> <p>Present findings to Avenues Community Council</p> <p>Post findings on classroom blog</p>
Project Evaluation	<p>Student created rubric (should include evaluation of observations/data log and team self evaluation)</p>
Project Bibliography	<p>CMAp activities (2010–St. George) Cracked Sidewalks  <a href="http://www.uen.org/cmap/courses/CMap/project_plans/2010/sidewalks.pdf">http://www.uen.org/cmap/courses/CMap/project_plans/2010/sidewalks.pdf</a></p> <p>CMAp activities (2008–Salt Lake (UEN)) Emerson Walking Routes  <a href="http://www.uen.org/cmap/courses/CMap/project_plans/2008/EmersonWalkingRoutes.pdf">http://www.uen.org/cmap/courses/CMap/project_plans/2008/EmersonWalkingRoutes.pdf</a></p> <p>CMAp activities (2007–Salt Lake (UEN)) Sidewalk Damage  <a href="http://www.uen.org/cmap/courses/CMap/project_plans/2007/SidewalkDamage.pdf">http://www.uen.org/cmap/courses/CMap/project_plans/2007/SidewalkDamage.pdf</a></p>
Plans for Future CMAp Activities	<p>Conduct “Rip the Strip” survey of avenues area (2008 – Salt Lake (UEN))  <a href="http://www.uen.org/cmap/courses/CMap/project_plans/2008/RipStrip.pdf">http://www.uen.org/cmap/courses/CMap/project_plans/2008/RipStrip.pdf</a></p> <p>Conduct a survey of home vegetable gardens – sustainable/local resources, create a campaign to increase home gardens, petition the Avenues Community Council to help fund a community raised bed garden on campus</p> <p>Create a map of activities and sites for teens.</p> <p>Create a map of areas of skateboard use (legal and illegal) – petition the City to create downtown skateboard park.</p>