CMaP PROJECT

Each participant who participated in the CMaP workshop signed an agreement to conduct a CMaP project and write up. This template is provided to you as a guide for the CMaP project you agreed to conduct with your students.

Please complete a detailed write-up of your CMaP project using this template. Use the kind of language and detail so other teachers can take your project to conduct in their classrooms. An archive of CMaP projects will be made available for Utah educators.

Send to: Jared Covili, Utah Education Network, 1705 E. Campus Center Dr, MBH 205, Salt Lake City, Utah 84112. jared@uen.org.

Project Title: 3ÉÄÅ × ÁÌËÓ

Project Description	Students will identify lifted and cracked sidewalks within school boundaries. They will also look for wheelchair accessible sidewalk ramps. Teach students how to use the GPS and GIS in class. Then take the class around the neighborhood near the school and show examples what to look for and how to use the GPS to locate the bad sidewalks. Then take class back to class and import the GPS into GIS and fill out important info about each location. Then let the students check out GPS out to students and they will collect data from each poor sidewalk they find and write down specifics about each section. Students will take pictures.
Community Issue or Problem Selected -How project evolved?	St. George has a high number of elderly citizens that have difficulty negotiating damaged sidewalks. The city also doesn't have enough wheel chair accessible ramps to the sidewalks.

Community Partner(s)	City of St. George
Project Objectives	Our goal is to provide a safe sidewalks for everyone.
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, 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)	
Project Products	A poster map of the city and the locations that need to be fixed and a CD that contains an ArcMap that has specific information about each area and a photostory showing what the students were doing.
Project Timeline (include a step by step Procedures)	2 week--GPS training 2 week--GIS training 2 Week-Photostory training

	1 week—preparing oral presentations, vote on the best one will be presented to the city.
Resources Needed	GPS's Computers Journals to collect data
Skills Required	GPS use GIS Computer Photostory Saving data in shared folders
Project Team Member Roles	**Teacher(s): Mr. Charlie Phillips** **Students: Mr. Phillips' 3rd grade class** **Partner(s): St. George City Urban Planning**
Celebration/Presentation	Presentation of PhotoStory to classmates A PhotoStory presentation to the Salt Lake City Engineering Department. Poster showing the process for the Salt Lake City Engineering Department. Students will present their PhotoStory to parents at assembly.
Project Evaluation	Students data log Student photostory
Project Bibliography	
Plans for Future CMaP Activities	Explore different parts of town that need sidewalk repairs.

Optional:
-Lesson Plans
-Student Artifacts
-Publicity