TEMPLATE FOR CMaP PROJECT

Project Title: Walking Trails and Trash Receptacles
Created By: Alesha LeMmon, Russell LeMmon
Class: UEN 2009

Project Description	• Students will identify the need for trash receptacles along walking trail routes within Spanish Fork City. • After compiling findings, students will present to Spanish Fork City officials. • Students will write up a publicity statement for local newspaper.
Community Issue or Problem Selected -How project evolved?	Spanish Fork City has begun building walking trails for community use and has plans for future development of interlinking trails within the city. Due to windy conditions and human negligence, there are locations where trash collects creating a need for trash receptacles.
Community Partner(s)	Spanish Fork City – Councilmen, GIS Department
Project Objectives	To inform the city of the need to place trash receptacles in convenient locations along city walking trails.
Utah Core Standards/Objectives	Standard 4: Students will understand the responsibilities of citizens in the United States. Objective 2: Investigate ways in which responsible citizens take part in civic life. 　　b. Participate in activities that promote the public good; e.g., the voting process, jury duty, community service.
Essential Question(s) -Spatial Issue	How can citizens (students) and government partner to influence and improve their community?
Assessments (rubrics, scoring guides)	• Fieldwork • Finished map project containing necessary map elements 　○ Title 　○ Compass 　○ Legend 　○ Scale 　○ Author and Date 　○ Select Map Features

	o Photo • Presentation to Spanish Fork City Council o Problem o Project-Process o Proposal
Project Products	Project Proposal to Spanish Fork City Data Map
Project Timeline (include a step by step Procedures)	• Day One – Project Introduction, GPS Training • Day Two – GPS Training • Day Three – GIS Introduction, ArcMap Training • Day Four – ArcMap Training • Day Five – Fieldwork/Data Collection • Day Six – Computer Lab – GPS/ArcMap Map Project • Day Seven – Computer Lab – Finish Map Project
Resources Needed	GPS Units (one for every two students), access to computers, GIS mapping software (ArcMap v.9.3)
Skills Required	Knowledge of GPS device, basic computer software knowledge.
Project Team Member Roles	**Teacher(s): Russell LeMmon, Alesha LeMmon** **Students: One Geography for Life Class and One U.S. Government and Citizenship Class.** **Partner(s): Spanish Fork City**
Celebration/Presentation	Present results to Spanish Fork representatives such as Mayor and City Councilmen, City Manager and GIS Specialist.
Project Evaluation	Press Release to local newspaper.
Project Bibliography	GIS/GPS Academy Website (UEN) Utah GIS Portal
Plans for Future CMaP Activities	Dead Tree Mapping on City Properties. Partner with science teacher and USU Extension Service to test water quality of local bodies of water in the city.

Optional:
-Lesson Plans
-Student Artifacts

-Publicity