Project Title: Historical Markers in the Heber City Cemetery
Class: Heber CMaP 2010
Created by: Wayne Buell

Project Description	Students will map headstones in Heber City cemetery according to age and historic logos of those that crossed the plains.
Community Issue or Problem Selected -How project evolved?	Community will be able to see a map at the sextants building of historic markers in the cemetery.
Community Partner(s)	Heber City Municipal Offices Mayor Phillips and council members 180 N Main Heber, UT 84032
Project Objectives	The purpose of this project is so that citizens can find the Historic headstones in Heber City Cemetery at a glance Of a map made available at the sextants office.
Utah Core Standards/Objectives	Social Studies Standard 1 Students will understand how ancient civilizations developed and how they contributed to the current state of the world. Objective 2

	Evaluate how religion has played a central role in human history from ancient times to today.
Essential Question(s) -Spatial Issue	1)Which ones and where are the oldest markers in the Cemetery? 2)What persons crossed the plains coming to Utah?
Assessments (rubrics, scoring guides)	1)Mapping of the cemetery will be the assessment. 2)Students will work together in pairs using a GPS unit/show proficiency in use.
Project Products	Students will segregate data from findings and record data on a chart of the Heber City Cemetery. Students learn to work in cooperative learning groups.
Project Timeline (include a step by step Procedures)	1)Write grant to procur GPS units. 2)Install GIS software on school computers. 3)Purchase GPS units. 4)Introduce students to project. 5)Introduce students to cemetery sextant informing them of functionality and usefulness. 6)Introduce students to GPS unit: do geocache training on soccer field. 7)Assign students area to map in cemetery. 8)Segregate data and download coordinates into computers. 9)Create map and present to Mayor and cemetery sextant. 10)Arrange for article to appear in local paper.
Resources Needed	ArcGIS 9.3 Software Plot map of Heber City Cemetery
Skills Required	Ability to mark coordinates in GPS unit. Ability to download coordinates from GPS unit to ArcGIS map. Ability to analyze and interpret data. Ability to create charts and graphs.

Project Team Member Roles	**Teacher(s):Wayne Buell** **Students: 6th grade social studies class** **Partner(s): Heber City mayor and council** **Heber City cemetery sextant**
Celebration/Presentation	Heber City council meeting Wasatch Wave article
Project Evaluation	
Project Bibliography	
Plans for Future CMaP Activities	Map trees in Heber City parks

Optional:
-Lesson Plans
-Student Artifacts
-Publicity