TEMPLATE FOR CMaP PROJECT

Project Title: Dennis Roberts
Created By: Home Computers in School Boundaries
Class: UEN2009

Project Description	This project will analyze the number of home computers within the school boundaries and how many parents and students use those computers.
Community Issue or Problem Selected -How project evolved?	Communication between home and school is a high priority at the school. Parents need to be involved in their student's school. Will the majority of homes be able to communicate digitally with the school and the teachers?
Community Partner(s)	Whoever can come up with the GPS units needed to mark the homes
Project Objectives	The objective is to map the homes within the school boundaries with computers and show how many of those homes have parents who would use the computer to follow calendars, homework, and school activities on a web page.. The school is developing a school website and the content will be determined by the results of the survey.
Utah Core Standards/Objectives	
Essential Question(s) -Spatial Issue	What percentage of homes within the school boundaries have computers? What percentage of homes with computers have students in the school? What percentage of homes with computers would use them to communicate with the school and the teachers? How much time and effort should be extended into developing a website? What should be included on a website that would suit the needs of the parents?
Assessments (rubrics, scoring guides)	Goals and guidelines will be established by the principal, the teachers, and some students. Participation will be a major factor.

Project Products	The end result will be a map with several layers of information: 1-map of school boundaries showing homes, 2- homes with students, 3- homes with computers, 4- homes with parents who would use the computer
Project Timeline (include a step by step Procedures)	Week 1- intro to GPS Week 2- GPS treasure hunt (develop survey) Week 3- GPS tracking -initials (hand out survey) Week 4- GIS mapping (Gather survey data) Week 5- Send GPS units with students to mark homes info Week 6- Enter GPS data on chart Week 7- Enter GPS data into computer Week 8- Make GIS maps Week 9- Make PhotoStory presentation to show school Week 10- Enjoy
Resources Needed	GPS units (10) ArcGIS and DNR software (on computers and server) Survey forms
Skills Required	Basic computer skills Strong desire to do and learn
Project Team Member Roles	**Teacher(s):** ??? **Students:** ??? **Partner(s):** ???
Celebration/Presentation	A short PhotoStory presentation will be compiled and presented to the school via a school-wide video broadcast.
Project Evaluation	The project will be evaluated according the student participation and the excitement the project generated.
Project Bibliography	
Plans for Future CMaP Activities	Once this map is developed, additional layers can be added to it, such as home demographics, languages spoken, countries of origin, etc. Also, the same information could be acquired each year and over a period of time it would show the changes that take

	place within neighborhoods.

Optional:
-Lesson Plans
-Student Artifacts
-Publicity