

TEMPLATE FOR CMap PROJECT

Created by: Michelle Manning

Project Title: Community Emergency Preparedness Plan

Project Description	The project involves setting up a Community Emergency Preparedness Plan in several neighborhoods in the community. The students will learn through service learning by mapping neighborhoods in the community. Students will gain knowledge of: Global Positioning System (GPS) units for setting waypoints, Arc View- a Geographical Information Systems (GIS) mapping software. With these programs the students will be able to make a variety of maps.
Community Issue or Problem Selected -How project evolved?	Having a map and calling tree if a disaster would occur.
Community Partner(s)	Dave Manning (County GIS Specialist)
Project Objectives	Make and map waypoints. Label names and addresses on homes. Put points on maps. Put homes in neighborhoods into districts.
Utah Core Standards/Objectives	English: Standard 8, Objective 2,4 Math: Standard 3, Objective 1 Social Studies: Standard 9, Objective 1 Standard 10, Objective 3
Essential Question(s) -Spatial Issue	How can we contact and locate families when there is an emergency in our community?
Assessments (rubrics, scoring guides)	Each house is labeled with correct points, names and addresses.

Project Products	Maps of neighborhoods.
Project Timeline (Include a step by step Procedures)	<p>Weekly Geography Club</p> <ol style="list-style-type: none"> 1. October-Introduction to GIS/GPS -Activities with GPS units. 2. November-Mark waypoints of the neighborhoods. 3. December-Continue to make waypoints. 4. January- March- Enter points into Arc View. 5. April-May-Label homes and districts. 6. May-Present maps to Community Leaders.
Resources Needed	GPS knowledge Computers
Skills Required	GPS knowledge Arc View
Project Team Member Roles	<p>Teacher(s): Michelle Manning</p> <p>Students: Geography Club 5th Graders</p>
Celebration/Presentation	We will present our maps to the principal and Dave Manning.
Project Evaluation	The County GIS Specialist will go over the maps to check for accuracy in where the homes are located and labeling.
Project Bibliography	Garmin GPS Units Arc View
Plans for Future CMAP Activities	We will be mapping more neighborhoods and making maps of safe evaluation routes.

Optional:

- Lesson Plans
- Student Artifacts
- Publicity