

TEMPLATE FOR 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: Where are you parked?

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Class: 5th Grade

Project Description	Students will participate in a walking field trip to identify restricted areas for vehicle parking within the surrounding areas of the school. Students will identify those restricted parking areas by using a GPS system and accurately marking where these restrictions exist. Students will then identify any areas that may need some sort of parking restriction changes (such as expectant mother parking, parent with ill children parking, etc.) They may even propose a new parking restriction (such as Red-box dvd return parking only, etc.) Students will work with partners to create google presentations on their findings, and include writing that explains their position on the parking within the community.
Community Issue or Problem Selected -How project evolved?	Students will identify and mark restricted parking areas around surrounding community of the school. They will mark these areas using a GPS system and accurately marking where these areas are located. Students will then create presentations of the information that they have learned from the field trip. Students will identify needs for parking restrictions, and then form their own opinion on new parking restrictions that may be proposed.
Community Partner(s)	City of St. George streets department, local business, and

	<p>surrounding school (Pine View High). Home Depot- To obtain orange vests, so students will be safe in accurately finding restricted parking areas using the GPS.</p>
<p>Project Objectives</p>	<p>Present a plan to Home Depot to obtain 30 orange vests -Identify any areas that have a parking restriction within about a block radius using a GPS system -Collect data and import data into Google Earth -Present Collected data and Google Earth Map identifying all restricted parking within the assigned location. -Create presentations with writing assignments and maps included -Discuss the need for parking restrictions (safety concerns, ease of access, respectful time-use, customer only parking, private property, etc.)</p>
<p>Utah Core Standards/Objectives</p>	<p>Language Arts Standard 1 Objective 1 Oral Language-Students develop language for the purpose of effectively communicating through listening, speaking, viewing and presenting. Objective 2 Develop language through viewing media and presenting. Standard 8 Writing-Students write daily to communicate effectively for a variety of purposes and audiences. Objective 2 Compose a written draft. Objective 8 Share writing with others incorporating relevant illustrations, photos, charts, diagrams, and/or graphs to add meaning. Social Studies Standard 4: Students will understand the responsibilities of Citizens in the United States. Objective 2: a. 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.</p>

<p>Essential Question(s)</p> <p>-Spatial Issue</p>	<p>How can students use technology resources to analyze needs within a community and work to improve their community?</p>
<p>Assessments (rubrics, scoring guides)</p>	<p>Individual project plan presented to Home Depot to receive 30 Orange Vests</p> <ul style="list-style-type: none"> - Write Source- Writing Rubric <p>Google Earth Map- Identifying pot holes located in assigned location</p> <p>Maps/Explanation presented to Community identifying pot holes</p>
<p>Project Products</p>	<p>Orange Vests (Home Depot)</p> <p>GPS Systems (As many as possible)</p> <p>Printed Google Earth Map</p>
<p>Project Timeline</p> <p>(include a step by step Procedures)</p>	<p>1st week</p> <ul style="list-style-type: none"> - Students will write a letter explaining why we need 30 vests from Home Depot. - Students will learn about GPS Waypoint marking, and mapping - Students will use Google Earth to help plan the walking field-route. <p>- 2nd week</p> <ul style="list-style-type: none"> - Students will identify various parking restricted areas using Google Earth - Students will import GPS Waypoints into Google Earth. <p>3rd week</p> <ul style="list-style-type: none"> - Students will create presentations with written explanations of their findings and possible persuasive responses and present this with a printed copy of their Google Earth Map. - Students will participate in rubric self evaluation process.
<p>Resources Needed</p>	<p>Home Depot Vests.</p> <p>GPS Systems (As many as possible) checked out from the district office.</p> <p>Laptops or Chromebooks with Google Earth.</p>
<p>Skills Required</p>	

	<p>Knowledge of GPS systems Knowledge of Google Earth Writing and Presenting skills</p>
<p>Project Team Member Roles</p>	<p>Teacher(s): Mr. Gifford Students: 28 Partner(s): Parent Volunteers</p>
<p>Celebration/Presentation</p>	<p>Students will present to the class, and discuss findings, and reasons for parking restrictions in the community.</p>
<p>Project Evaluation</p>	<p>Students will utilize rubrics to score project write ups and final presentations. They will do a self evaluation for overall project learning.</p>
<p>Project Bibliography</p>	<p>Home Depot GPS Website- UEN Google Earth/ Google Presentation</p>
<p>Plans for Future CMAP Activities</p>	<p>Use GPS and CMap systems to locate an area for building a new school, and next-step planning for a new parking lot, bus drop off and pick up, and crosswalk areas for the proposed structure. They will use the area functions on GPS devices as well.</p>

Optional:

- Lesson Plans
- Student Artifacts
- Publicity