

TEMPLATE FOR CMap PROJECT

Project Title: Piggy Backing on Obesity

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Class: Salt Lake 2007

Project Description	Students will use the GPS to identify fast food restaurants, convenience stores, and gas stations within a 1 ½ mile radius of the school; map the results, and survey the community about frequency of visits to these sites and types of goods purchased while there and graph the survey results and use this information as part of their obesity project.
Community Issue or Problem Selected -How project evolved?	Obesity
Community Partner(s)	Salt Lake Valley Health City of West Jordan Healthy West Jordan Committee
Project Objectives	The students will develop skills in: <ul style="list-style-type: none"> ➤ GPS use ➤ Mapping ➤ Surveying and charting
Utah Core Standards/Objectives	Math Standard 5 Students will collect, analyze, and draw conclusions from data and apply basic concepts of probability. Objective 1 Design investigations to reach conclusions using statistical methods to make inferences based on data. Healthy Lifestyles Standard 2

	<p>The students will adopt health-promoting and risk-reducing behaviors to prevent substance abuse.</p> <p>Standard 4 The students will understand concepts related to health promotion and disease prevention.</p> <p>Language Arts</p> <p>Standard 1 Oral Language-Students develop language for the purpose of effectively communicating through listening, speaking, viewing, and presenting.</p> <p>Objective 1 Develop language through listening and speaking.</p> <p>Objective 2 Develop language through viewing media and presenting.</p>
Essential Question(s) -Spatial Issue	How does the proximity of these services affect your healthy lifestyle?
Assessments (rubrics, scoring guides)	Project check-list
Project Products	Map Survey results and graph
Project Timeline (include a step by step Procedures)	<ol style="list-style-type: none"> 1. Preliminary mapping and GPS skills (2 weeks) 2. GPS waypoints (1-2 hours) 3. Create map (1-3 days) 4. Community Survey
Resources Needed	GPS units Parent permission slips for off-campus
Skills Required	<p>Map reading skills</p> <p>Map composing skills</p> <p>GPS use</p> <p>Data interpretation and presentation</p>
Project Team Member Roles	<p>Teacher(s): Provide inquiry opportunities for learning and skills; support and direction (as needed)</p> <p>Students: Collect data, interpret and create survey/map, incorporate</p> <p>Partner(s): Salt Lake Valley Health, SL County West Jordan City Health Committee</p>
Celebration/Presentation	

	Class presentation inviting WJ Health Committee, parents, and possibly board members (if available) with healthy snacks for treats
Project Evaluation	Student self-evaluation Teacher reflection for revision
Project Bibliography	unknown
Plans for Future CMAP Activities	CIS capable computers for class use

Optional:

- Lesson Plans
- Student Artifacts
- Publicity