

CMap PROJECT

Name: Jenifer Andrus

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School District: Washington School District

School: Lava Ridge Intermediate School

Subject: Utah Studies

Project Title: Santa Clara City Cemetery

Project Description	Students will go to the Santa Clara City Cemetery and, using GPS will gather data on which grave markers that are illegible or close to illegible. They will then map these grave markers using ArcMap. Using records provided by the cemetery caretaker, students will find out what the missing data is for each marker. After researching different types of information markers that are both inexpensive and durable. We will create markers that can be placed at the illegible grave markers.
Community Issue or Problem Selected -How project evolved?	Several grave markers in the Santa Clara Cemetery are now impossible to read. This cemetery memorializes many of the founding families of Santa Clara and thus, are owed our efforts so that their names are not forgotten. These cemeteries need to have markers, similar to markers made to let people know about those who served in the armed forces.
Community Partner(s)	Santa Clara Cemetery
Project Objectives	Students will understand how to use GPS devices and use them to gather information to create informational maps. Students will also gather life span data so that they may analyze and compare life spans of the present era to that of the pioneer era in Santa Clara. Then through inference and research, students will also be able to determine why life spans have changed over time. Students will also learn the service learning on how they can improve their community. Students will make a stronger connection to those that came before them and the struggles lead to our comfort and stability.
Utah Core	Utah Studies Standards:

Standards/Objectives	<p>Objective 1: Assess the cultural diversity of Utah.</p> <p>a. Recognize the unique lifestyles of various cultural or ethnic groups in the local community.</p> <p>b. Explain the role of immigration in changing Utah society.</p> <p>Objective 3: Describe the significance of pioneers in Utah history.</p> <p>a. Explain the reasons for the Mormon migration to Utah.</p> <p>b. Explore the pattern of Mormon settlement throughout the West.</p> <p>Recognize how the Mormon pioneers' heritage influences Utah today.</p>
Essential Question(s) -Spatial Issue	<p>To what extent have modern comforts and technologies increased the life span of people today compared to those that settled Santa Clara?</p> <p>How can we show our gratitude and respect towards the people that settled Santa Clara?</p> <p>Why should we know about those who came before us? What can we learn from them?</p>
Assessments (rubrics, scoring guides)	Data lists, quickwrites, Map rubric
Project Products	<p>Students will supply their data tables for their assigned headstones. Students will also submit fundraising ideas, and marker ideas based on their own research. Finally, we will have markers with names, DOB's DOD's and other information from the headstones if available on markers that will be placed by the graves. If time and materials permit, we will also produce a GIS map of the cemetery that can be made available to the city.</p>
Project Timeline (include a step by step Procedures)	<p>Day 1: Introduce project and objectives</p> <p>Day 2: Meet at the cemetery, assign students sections and have them gather data for stones in need of a marker using their data sheets and their GPS.</p> <p>Day 4: Using cemetery records, find out the actual data for the headstones in need of markers.</p> <p>Day 5: Brainstorm fundraising ideas and marker ideas. Determine cost for each marker and total amount of money needed.</p> <p>For the next two weeks, Students will raise the money in the manner decided upon in the classroom.</p> <p>We will then order the materials.</p> <p>When materials arrive, we will choose a Saturday to meet and place the markers in the right places using our data maps.</p>

Resources Needed	Data sheets, camera's, GPS devices, stone markers, computers with ARC map.
Skills Required	Students will need to know how to use the cameras, GPS devices and a few will need to help me with ArcMap.
Project Team Member Roles	Teacher(s): Jenifer Andrus Students: Utah Studies students Partner(s): Santa Clara City
Celebration/Presentation	The Spectrum will be invited to follow and record the story. Students who help will be featured in the news story.
Project Evaluation	Classroom evaluation. Group and individual self-assessments.
Project Bibliography	
Plans for Future CMaP Activities	Possibly a data collection activity done through geocaching!