

## CMaP PROJECT

**Project Title: Washington County Ghost Town**

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**Class: St. George CMaP 2010**

Project Description	<p><b><u>Washington County</u></b>  <b><u>Ghost Town Mapping/Brochure/Website</u></b>          I will work with my 8<sup>th</sup> grade Honors US History students to create a resource for the community. The final product will have 4 components. First, the students will create a map that has GPS data to guide visitors to different Ghost Town/Historic sites in Washington County. While they are collecting their GPS data, they will also leave a Geocache so that they can log how many visitors have used their information to visit each historic location and where the visitors are from. They will then use that map, photos, and information that they have gathered to create a brochure that will be given to the local chamber of commerce to distribute. Finally, they will compile all of this information and use it to create a website that will have a link to the Washington County Historical Society and the Chamber of Commerce.</p>
Community Issue or Problem Selected -How project evolved?	There are several historic areas and ghost towns that nobody knows how to locate because there are very few resources/maps that give directions to them and no inclusive resource on-line to give the information.
Community Partner(s)	Washington County Historical Society St. George Chamber of Commerce Snow Canyon Middle School Parents
Project Objectives	Students will be able to: <ol style="list-style-type: none"> <li>1. Locate, mark, track and map using GPS</li> <li>2. Synthesize information into GIS</li> <li>3. Design and create a brochure</li> <li>4. Design, create and maintain a website</li> <li>5. Promote tourism</li> </ol>
Utah Core Standards/Objectives	<p><b>US History 1</b>            Standard 1, Objective 1-2            Standard 2, Objective 2            Standard 7, Objective 1</p>

	Standard 10, Objective 1-3
Essential Question(s) -Spatial Issue	How will identifying, locating and mapping Ghost Towns benefit Washington County?  What were the geographical and cultural push/pull factors that affected settlements in Washington County?
Assessments (rubrics, scoring guides)	Finished products – Map (rubric) Brochure (rubric) Geocache (scoring guide)(map of visitors) Website (rubric) – maintenance of site (scoring guide)
Project Products	<ol style="list-style-type: none"> <li>1. Map to Ghost Towns</li> <li>2. Brochure that includes information and pictures of sites and a map</li> <li>3. Website that includes information from brochure and a map that depicts visitors to the geocaches that will be placed at each site.</li> </ol>
Project Timeline (include a step by step Procedures)	<ol style="list-style-type: none"> <li>1. Contact Washington County Historical Society to discuss project and obtain necessary information.</li> <li>2. Determine sites that will be included in the brochure by driving to them and marking the coordinates on my GPS unit to use as verification of student data.</li> <li>3. Have students brainstorm to create a questionnaire for and explain what a geocache is and how to create one.</li> <li>4. Acquire GPS units or identify students with GPS capability on their phones.</li> <li>5. Create groups for students and allow them to sign up.</li> <li>6. Teach students how to take data using GPS units and how to map those in ArcView.</li> <li>7. Meet with parents on Back to School night to explain the project and answer questions.</li> <li>8. Give the students to the end of 1<sup>st</sup> quarter to find their location, complete their questionnaires, and create their information paragraphs for the brochure.</li> <li>9. Divide students into teams to develop the Website and create the Brochure. Have these completed by the end of 2<sup>nd</sup> quarter.</li> <li>10. 3<sup>rd</sup> quarter – students will monitor and maintain their website and geocache.</li> </ol>

Resources Needed	Basic directions to Ghost Towns and historic sites, GPS units, parent volunteers, cameras, geocache
Skills Required	GPS unit operation, research, mapping, website development
Project Team Member Roles	<p><b>Teacher(s): Brooks/ Leader, Nesmith/Brochure Development</b></p> <p><b>Students: 8<sup>th</sup> Grade Honors History Students</b></p> <p><b>Partner(s): Washington County Historical Society, St. George Chamber of Commerce</b></p>
Celebration/Presentation	<p>Executive Council presentation of brochures to St. George Chamber of Commerce</p> <p>Class celebration dinner with parents and community members. Students will present their project showing the website, map, and brochures as well as highlighting the number of people who have visited their sites.</p>
Project Evaluation	Self and peer evaluation
Project Bibliography	Students will need to record reference sources for their research on the different sites and notes those on the backs of their brochures and on the website.
Plans for Future CMaP Activities	Expansion of trail leading to Snow Canyon Middle School