

Project Title: Mapping Historical Sites for Washington City

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Class: St. George CMAP 2012

Project Description	<p>The Washington Historical Society would like to have a map showing the location of Historical sites within the City limits. The map would include GPS locations and would be entered into a GIS mapping program that would be used by the historical society to increase awareness of the sites and encourage interest in the history of the area.</p> <p>Students would also gain an understanding of early settlers and their influence on each of us.</p>
Community Issue or Problem Selected -How project evolved?	<p>A merit badge counselor for the Boy Scouts of America suggested the need for more information for the Citizenship in the Community merit badge. This led to a discussion with the President of the Washington Historical Society who expressed a desire for a map that would assist in sharing the history and location of historical sites within city limits.</p>
Community Partner(s)	<p>George Staheli, President of the Washington City Historical Society Roger Carter, City Manager for Washington City. Dale Simper, GIS Analyst for Washington City. Barry Blake, Leisure Services Director.</p>
Project Objectives	<p>Assist the Historical Society by providing GPS coordinates for the Historical sites within the city, taking pictures of the site and preparing a map for them to share with the community and those visiting our community.</p>
Utah Core Standards/Objectives	<p>Standard 2 (Social Studies) Students will understand the contributions of Native American Indians, explorers, and Utah's pioneers.</p> <p>Objective 3 Describe the significance of pioneers in Utah history. C. Recognize how the Mormon pioneers' heritage influences Utah today.</p> <p>Standard 5 (Math) Students will interpret and organize collected data to make predictions, answer questions, and describe basic concepts of probability.</p>

	<p>Objective 1 Collect, organize, and display data to answer questions.</p> <p>a. Identify a question that can be answered by collecting data.</p> <p>b. Collect, read, and interpret data from tables, graphs, charts, surveys, and observations.</p>
Essential Question(s) -Spatial Issue	<p>How many historical sites are in our Community? What relationship do we have with those who are connected to the historical sites? Who will this project help and in what ways?</p>
Assessments (rubrics, scoring guides)	<p>Cooperative Learning Rubric. Informal teacher observation. Production of map and photographic data.</p>
Project Products	<p>A map of Washington City showing the locations of sites that were key to the early settlers of the area.</p>
Project Timeline (include a step by step Procedures)	<p>Meet with the Historical Society and Community leaders to determine number of sites to be recorded and the types of sites, (Homes, Gristmills, Dams, Springs etc.) to set parameters and depth of desired data to be collected.</p> <p>Gather previous maps and information that need to be updated and determine the location of sites.</p> <p>After gathering site locations determine the route of a walking field trip to gather and record data.</p> <p>Gather GPS systems from the district media center and locate digital cameras to be used in the project.</p> <p>Request parent volunteers. Gather Permissions slips.</p> <p>Discuss with students the importance of locating and sharing information about those who settled our community and how the earlier settlers lives have affected our life in Washington.</p> <p>Invite a representative from the Historical Society to share with the students' information about what sites we will be looking for and importance of the sites to the early settlers of the community.</p> <p>Train students on the use of GPS units and mapping procedures.</p> <p>Create a list of items to be mapped and general location.</p> <p>Collect data from GPS units; take pictures of sites and record necessary data to be collected on checklist.</p> <p>Create a map using ArcGIS.com. Use layers to allow for different types of information to be recorded.</p> <p>Review map with students to make sure all information is entered correctly and complete.</p>

	Invite community partners to the school for the students to share information and present map.
Resources Needed	GPS units Map of Washington City as well as location of known historical Digital Cameras ArcGIS.com program
Skills Required	Map reading Organizing and recording data Using a GPS unit Taking digital photos
Project Team Member Roles	Teacher(s): Teach GPS and mapping skills to students. Gather historical information and locations of sites. Share information with students about early settlers. Students: Collect GPS data and photos of historical sites. Download data and assist in making a map to be given to community partners. Be prepared to tell community leaders something they learned about the past from the project. Partner(s): City officials – assist in providing current maps of the city for recording data. Historical Society – assist in location of sites and information to be recorded along with additional research to be shared with the students.
Celebration/Presentation	This project will be presented to the Washington City Historical Society and Washington City representatives. The students will be given the opportunity to share what they have learned along with how to access and use the map.
Project Evaluation	Evaluation will take place between students and teacher to determine what information was necessary and what information would have been helpful in completing the project. Input will also be gathered from community partners to facilitate future activities.
Project Bibliography	Historical Society records for location of information.
Plans for Future CMAP Activities	Partner with the city to help add additional information to the historical sites map that was created. This could include information that would be accessible through smart phones.

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