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Class: Salt Lake 2007

Project Title:

Impact on secondary schools of city District Division within Granite School District and the cities of Murray, Holladay and Taylorsville.

Project Description	A proposal is being studied by some communities to divide Granite school District at the Jordan River. This project will investigate the opinions of the residents of these communities and the impact on schools, particularly Bonneville Junior High if such a division occurs.
Community Issue or Problem Selected -How project evolved?	Shifting student populations within Granite school District. Ethnic and socioeconomic populations within Granite School District. East-west division of Granite school District. Students and staff of Bonneville Junior High will be greatly affected by the division of Granite School District due to the loss of over 200 students if such division occurs. This could possibly lead to the closure of the school.
Community Partner(s)	Holladay City, Granite School District, local legislators (Carol Spackman-Moss & Patricia Jones), Taylorsville city, Murray city
Project Objectives	The objectives of this project are two-fold; One: surveys the opinions of the residents of the communities being affected by district divisions. Two: Investigate the impact on schools (i.e. school closures, job losses) if district divisions occurs.
Utah Core Standards/Objectives	<ul style="list-style-type: none"> • <u>Standard 1</u>. Students will understand the world in spatial terms: Objective 1. Use maps and other geographic tools to acquire information from a spatial perspective. Objective 3. Analyze the spatial organization of people, places, and environments on the earth’s surface. <u>Standard 2</u>: Students will understand the human and physical characteristics of places and regions. Objective 1. Interpret place by its human and physical characteristics. Objective 2. Assess how people create regions to interpret the earth’s surface. <u>Standard 4</u>. Students will understand how human activities Shape the earth’s surface. Objective 2. Analyze economic interdependence among regions and countries. <u>Standard 6</u>: Students will use geographic

	<p>Knowledge to connect to today's world. Objective 1. Apply geographic concepts to interpret the past. Objective 2. Apply geographic concepts to interpret the present and plan for the future.</p>
Essential Question(s) -Spatial Issue	How will the division of the Granite school District affect schools and members of the communities involved?
Assessments (rubrics, scoring guides)	Students will be evaluated through their participation in activities and completion of maps and PowerPoint presentations.
Project Products	Student maps and power-point presentations illustrating Community opinions and possible effects on schools if there is an east-west split of Granite School District.
Project Timeline (include a step by step Procedures)	<p><u>Estimated Project Time Line:</u> September 2007- November 2007.</p> <p>September: Teach students the use of GPS device and coordinate activities for practice such as creating tracks and waypoints. Complete introductory module in GIS "Mapping Our World." Have students create a map in GIS showing their route to school.</p> <p>Introduce Granite District Division issue to students – read articles about it and discuss the possible outcomes if the division occurs. Also, discuss the pros and cons (both sides of the argument).</p> <p>Possibly arrange to have Carol Spackman Moss or Patricia Jones to come and speak to the students about the legislative process and community-school related issues.</p> <p>October: Create a survey form about the issue and have students survey a few neighbors about their opinions (if favor of or against). Using GPS devices, create waypoints of the homes surveyed. Students will survey families in all Bonneville Junior High communities impacted: Taylorsville, Murray, and Holladay. Students will create maps in GIS showing the results of their surveys. Students will prepare a PowerPoint Presentation highlighting the results of their investigation.</p> <p>Possible cross-curricular: In English class, write an opinion article reflecting their personal views and feelings on the issue.</p>

	<p>November: Students create a PowerPoint presentation that presents their findings from the survey and incorporates their GIS map. Also, publish the results of the survey in the school newsletter as to inform the Bonneville Junior High community on the issue.</p>
Resources Needed	Arc9.2, GPS units, Survey forms, data and information from Community partners.
Skills Required	<p>Knowledge of GPS units Knowledge of ArcView 9.2 Interviewing skills Group Work Knowledge of PowerPoint</p>
Project Team Member Roles	<p>Teacher(s): Oversee and facilitate project. Provide training in GPS and GIS. Provide information on the Granite School District division issue.</p> <p>Students: Work in small groups to collect data (survey forms, GPS waypoints) and create maps and PowerPoints together. Present findings to class.</p> <p>Partner(s): Help to provide background information for the project. Offer expertise and support to students. Help to distribute the findings of the students' research.</p>
Celebration/Presentation	<p>Students publish their findings in the school newsletter. Students present their projects at the Viking Showcase night.</p>
Project Evaluation	<p>Student self and group evaluations. Rubric scoring guide for PowerPoint. Teacher and community feedback. Self-reflection.</p>
Project Bibliography	<p>Community partners ESRI Granite District publications School Board publications</p>
Plans for Future CMAP Activities	<p>Follow-up activity tracking the results of the public vote in November (if the district division issue makes it on the ballot).</p>

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Optional:

- Lesson Plans
- Student Artifacts
- Publicity