

HOTSPOT HANGOUTS

Send to: Jared Covili, Utah Education Network, 1705 E. Campus Center Dr, MBH 205, Salt Lake City, Utah 84112. jared@uen.org.

Project Title: Hotspot Hangouts

Created by: Sherry Ann Reep

Class:

Project Description	My CTE students will make a map of WIFI Hotspot points in St George, Utah. We will geocode photos of points of interest and use Arcgis to create maps to locate these points. We will use GPS units to geotag the photos and record data. We will partner with the St. George tourism director and varied businesses of St George and link our maps to the St George, Utah website.
Community Issue or Problem Selected -How project evolved?	The availability of Hotspots in St. George is growing. The general public may not be aware of the current options that are available and the city may not be aware of the people that would use its program if it was more convenient.
Community Partner(s)	Tourism Director of St George, Utah Buisnesses of Interest
Project Objectives	The objectives of this project is to increase the use of hotspots in our area and to impact our community by improving the knowledge of where wifi is available.
Utah Core Standards/Objectives	<p>Standard 3Objective 2 Identify ways community needs are met by government. a. Differentiate between personal and community needs. b. Identify roles of representative government (e.g.makelaws, maintain order, levy taxes, provide public services. c. Research community needs and the role government serves in meeting those needs.</p> <p>Standard 7Objective 1 Participate in service learning that assists the community. a. Identify the needs of a community. b. Examine situations when people or groups assist communitie</p>

	<p>c. Plan, implement, and report on community service.</p> <p>Standard 8 Use technology resources (e.g., calculators, data collection probes, videos, educational software) for problem-solving, selfdirected learning, and extended learning activities. (5, 6)</p> <p>Standard 9 Determine when technology is useful and select the appropriate tool(s) and technology resources to address a variety of tasks and problems. (5, 6)</p> <p>Standard 1 Students will understand the importance of technology and how impacts our lives. (Align with National Technology Content Standards: 1-7)</p> <p>Objective 1 Students will recognize that technology is how humans modify the world around them to meet their needs and wants or to solve problems and extend their capability.</p>
<p>Essential Question(s) -Spatial Issue</p>	<p>Where are the Hotspots in St. George? Does the business want to be included on the website? Will we leave out any business? How can other businesses be added? Will a month of finding businesses be enough time?</p>
<p>Assessments (rubrics, scoring guides)</p>	<p>F No participation D Final project missing more than 3 key elements C Final project missing 2 – 3 key elements B Final project missing 0 – 1 key elements A Final project exceeds expectations</p>
<p>Project Products</p>	<p>Detailed maps that will be uploaded to the internet. These maps will be linked to the St George, Utah Tourism website.</p>
<p>Project Timeline (include a step by step Procedures)</p>	<p>- Establish community partner in September - Collect data in October - Create and publish maps in November</p>

Resources Needed	<ul style="list-style-type: none"> - Computer Lab - GPS units - Camera - ArcGis
Skills Required	<ul style="list-style-type: none"> - Know how to use GPS units - Know how to use Google Earth - Know how to use Archgis
Project Team Member Roles	<p>Teacher(s): Over see and Facilitate</p> <p>Students: Collect and organize data and create maps</p> <p>Partner(s): Work with us to give guidelines on which businesses to see. Give permission to put on website.</p>
Celebration/Presentation	Celebrate with a field trip when our maps have been linked to the website. Maybe go to a few of the hotspot sites and try them out
Project Evaluation	<p>How much participation did the student do.</p> <p>How many businesses participated.</p> <p>Did we succeed in getting project on the city website?</p>
Project Bibliography	N/A
Plans for Future CMAP Activities	Introduce students to GIS. Have reps come and present to students.