TEMPLATE FOR CMaP PROJECT

**Project Title: Teen Destinations**
**Name: Steve Sagers**

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| Project Description | Students will determine what features, people, recreational and historical spots, and other interesting attributes about their city are significant to them. They will map these attributes and produce a "Tourist Map for Teens" to present to their school, their city council and Chamber of Commerce for distribution. |
| Community Issue or Problem Selected -How project evolved? | What is there for teens to do in my town? What is interesting to teenagers? What would be interesting universally? |
| Community Partner(s) | Chamber of Commerce, City/Town Council, School and District Administrators. |
| Project Objectives | Students will:<br>• Write a short essay about specific attributes they have chosen.<br>• Hotlink photos and connect data to the GIS map<br>• Design a brochure with map and pictures<br>• Finish a map of their town with teen interests<br>• Present the brochure to city officials<br>• Offer the brochure online on city website. |
| Utah Core Standards/Objectives | Social Studies-Geography for Life<br>Standard One: Students will understand the world in spatial terms.<br>Objective 1: Use maps and other geographic tools to acquire information from a spatial perspective.<br>Learning Outcome: Collect and interpret geographic data using maps, charts, population pyramids, cartograms, remote sensing, and Geographic Information Systems. |
| Essential Question(s) -Spatial Issue | Where are the interesting "hot spots" for teens to go to in my community? |
| Assessments (rubrics, scoring guides) | Map/Brochure rubric http://www.uen.org/Rubric/rubric.cgi?rubric_id=15335 |
| Project Products | A tourist map/brochure for teens with brief descriptions of each site.<br>Essay about a specific city attribute chosen for the brochure. |

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| Project Timeline (include a step by step Procedures) | This project requires pre-teaching in GPS and GIS technology. Instruction in writing skills and making a brochure are pre-requisites as well.<br>Once GPS and GIS skills are taught, this project should take three weeks.<br>**Week one:** Assign five groups per class. Introduce project. Students choose 5-10 "hot spots".<br>Each student will mark the waypoint and take pictures of their spots.<br>Begin short essays. Each person has 1-2 hotspots and will do a write up.<br>**Week two:** Students download waypoints and make their maps. Invite community partners to visit class.<br>**Week three:** Students make their brochures and submit to community partners for a vote. Submission of brochure to community partners. |
| Resources Needed | • School GPS units<br>• Esri software ArcView 9.2<br>• Computers<br>• School digital cameras<br>• Map-making instructions<br>• GPS instructions on how to mark and input waypoints into a GIS |
| Skills Required | Know how to use a GPS<br>Know how to put GPS data into a map<br>Know how to construct a simple map in a GIS<br>Know how to write an essay<br>Ability to work in a group<br>Know basic Microsoft Publisher elements to make a brochure.<br>Basic photography skills |
| Project Team Member Roles | **Teacher(s):** Oversee project. Contact community partners and arrange for visits. Invite GIS trainers to help with mapping.<br><br>**Students:** Each group will produce a map. The class will choose one map for the brochure from each group. Each group will make a brochure with chosen map. Each class will choose a brochure to present to Chamber/Council. The Community partners will vote on the best brochure presented by each class and accept one for publication.<br><br>**Partner(s):** Chamber of Commerce/City Council member visit to classroom. Receive suggestions from students to enhance teen activities in city/town. Arrange to have brochure |

| | online at city website. |
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| Celebration/Presentation | Field trip to at least one of the sites mapped.<br>Awards for brochures/maps |
| Project Evaluation | Reponses from community partners<br>Self-evaluations<br>Group evaluations<br>How can we improve? |
| Project Bibliography | Community partners<br>ESRI software<br>Where the brochure is available<br>Class/School<br>Date project accomplished<br>Photographers<br>Designers of chosen brochure |
| Plans for Future CMaP Activities | Heroes in our Community<br>Safe walking routes |

Optional:
-Lesson Plans
-Student Artifacts
-Publicity