

TEMPLATE FOR CMAP PROJECT

Name: Dale Richards, Dale Roundy
Class: Moab 2007
Project Title: Green River Motocross

Project Description	During the spring of 2007 a young man was riding his motorcycle on private land without permission, and was killed when he landed wrong on a jump. We would like to create (a) motocross track(s) that is/are appropriate for all skills and age levels. This track would most likely be located on public (BLM) land
Community Issue or Problem Selected -How project evolved?	Death of a High School Student
Community Partner(s)	BLM, County Commissioners, City Council, Law Enforcement, Community Citizens
Project Objectives	<ul style="list-style-type: none"> • Learn to use GPS/GIS to map a suitable area • 5 themes of Geography • Teach RESPECT for the environment and personal properties • Learn and use the Scientific Method
Utah Core Standards/Objectives	<p>GEOGRAPHY: Standard 1, Objectives 1 & 3 Standard 2, Objective 1(b) Standard 3, Objective 2 Standard 5, Objectives 1 & 2 Standard 6, Objective 2</p> <p>Earth Systems: Standard 2, Objective 2</p> <p>8th Grade: Standard 2, Objective 2</p>

Essential Question(s) -Spatial Issue	Can we get a safer motocross track in an area where it doesn't affect residences?
Assessments	<ul style="list-style-type: none"> • Field data tables with GPS waypoints • Map Elements Checklist • Map Presentation • Fieldwork
Project Products	<ul style="list-style-type: none"> • Create a map of BLM area for the proposed track sited • Create a brochure or flyer explaining the need for the track and the reasons for using the proposed area
Project Timeline (include a step by step Procedures)	<p>Students will spend (over the course of the year):</p> <ul style="list-style-type: none"> ➤ 2 days training with the GPS units ➤ 3 days training on ArcGIS including downloading points from the GPS ➤ 1-2 weeks doing community surveys (after school) ➤ 2 days doing field work marking motocross track ➤ 1 week for mapping ➤ 2-3 days for write-up ➤ 1-2 weeks contacting BLM, County, and City agencies (after school)
Resources Needed	<ul style="list-style-type: none"> • BLM maps • Emery County Maps • GPS Units • Digital Cameras • ArcGIS & GPS software • Clipboards • Data Sheets • Survey Sheets • Internet access • Computer Equipment • BLM Ordinances • County Ordinances
Skills Required	<ul style="list-style-type: none"> • GPS Skills • Knowing how to do research and collect data • ArcGIS software • Communication • Map Reading • Computer Skills • Knowledge of motocross tracks

Project Team Member Roles	<p>Teacher(s): Dale Roundy & Dale Richards</p> <p>Students: GRHS Geography and Science Classes</p> <p>Partner(s):?</p>
Celebration/Presentation	<p>Present to the City Council and other needed entities</p> <p>Create a brochure to present to City Council, County Commissioners, and BLM</p>
Project Evaluation	<p>What was the reaction of the various entities & did the project get approved. The motocross track got built</p>
Project Bibliography	<ul style="list-style-type: none"> • www.BLM.gov • www.EmeryCounty.com • www.emerycounty.com/maps/index.htm • www.uensd.org/gis/ • www.usoe.k12.ut.us
Plans for Future CMAP Activities	<p>For future mapping projects we have the ideas of creating more housing in Green River, trying to find ways to attract more quality businesses and industries to Green River (esp. downtown), sidewalk on high school road, desert water drainage, ditch water access for the whole community, and a walking tour of the history and sites of Green River.</p>