

## CMaP PROJECT

**Project Title: Stop Signs**  
**Class: Heber CMaP 2010**  
**Created by: Teresa Hebertson**

Project Description	Map all the intersections in Heber City that do not have a stop or yield sign in place.
Community Issue or Problem Selected -How project evolved?	Many accidents happen because people either are ignorant about the law to yield to the right or choose to ignore it.
Community Partner(s)	Heber City, Heber City Police, Emergency Medical Services,
Project Objectives	Eliminate unnecessary accidents and confusion of right of way.
Utah Core Standards/Objectives	The students will identify present and future impacts of information technology on society. The students will decide of information technology is appropriate as an aid in accomplishing a particular task. The students will develop strategies for accomplishing tasks using a defined procedure. List possible out comes and alternative solutions to a given problem. Students will analyze how governments make decisions and settle conflicts.

Essential Question(s) -Spatial Issue	<p>Why are there not stop or yield signs at many intersections in Heber?</p> <p>How many intersections are missing stop or yield signs?</p> <p>How am I going to divide up the areas in the city to be counted?</p> <p>How am I going to assign the areas in the city to each student?</p>
Assessments (rubrics, scoring guides)	<p>How well did the students map their assigned area within the area they live? How well did they work together? How well did each student follow through with their individual assignment? How well did each student utilize the GIS and GPS units?</p>
Project Products	<p>A map of the intersections in Heber City that are missing stop signs or yield signs, layered with a map of the number of accidents at each of those signs, and layered with injuries and deaths.</p>
Project Timeline (include a step by step Procedures)	<p>Week 1. Teach students to use GPS and GIS.</p> <p>Week 2. I will divide the city into sections. I will determine which students live within each area.</p> <p>Week 3. Put students in groups of 2 to 4 depending on which students live together in each area. Have them count and map the corners missing signs.</p> <p>Week 4. Students will obtain the amount of accidents, injuries, and deaths have occurred at each sign by contacting Heber City Police, EMS, and/or Heber City.</p>
Resources Needed	<p>GPS, GIS, records of accidents at each intersection, and records of injuries and deaths at each intersection.</p>
Skills Required	<p><b>How to work a GPS, How to run GIS and build a map of the information</b></p>
Project Team Member Roles	<p><b>Teacher(s):Teresa Hebertson</b></p>

	<p><b>Students: 6<sup>th</sup> grade class</b></p> <p><b>Partner(s): Heber City, Heber Police, EMS</b></p>
Celebration/Presentation	All sections will be put together on one map and presented to the city.
Project Evaluation	Was the city willing to listen to the data and act upon it?
Project Bibliography	Heber City Police, Heber City, Heber City EMS
Plans for Future CMaP Activities	Mapping playgrounds, cemetery,