

## Who is the GIS2GPS Team?

### Ed Gorny, Jefferson Junior High

Ed Gorny is the past Math Department Chair of Jefferson Junior High. He is now focused on using his expertise as a technology instructor at his school in Woodridge. His background in math and geography makes this a natural tie in to GIS and GPS. Ed is also the only ESRI - K-12 certified GIS trainer in Illinois. He also holds an M.A. in Geography with an emphasis on Geographic education.

### Nancy Gorny, Retired

Nancy was the LRC Director at Naperville North High School. Her background is in geography, map libraries, researching and class development. Her research has been focused on historical data and locations. Nancy is also ESRI trained for K-12 GIS training and integration. She also holds a M.A.T. and a degree in Geography.

### Denis Kazelas, Marist H.S. - Chicago

Denis Kazelas is the Science Department Chair and chemistry instructor at Marist High School. His science background and constructionists approach to learning developed in Illinois "teach(dot)chem." and Boston University "VMDL" blend to evolve a perfect partner with GIS and GPS. He also holds a M.A. in chemistry and science education.

### Carol Przyzycki, Retired

Carol Przyzycki was with the Department of Education at Argonne National Laboratories in Darien, IL. Her background is in program development and technology. She worked with teachers in the areas of technology and the sciences for years.

*The GIS 2 GPS Team  
is a Illinois Professional Development Provider.  
College Graduate Workshop Credit is through  
Quincy University.*

## How is GPS Being Used in the Classroom?



### GPS In Education and Schools

- Collecting real data
- Scientific field studies
- Mapping projects
- Community projects
- Social Studies
- Mathematics
- Service-based learning
- Scavenger hunts
- School boundaries
- Bus routings
- Inventories
- Data collecting
  - individual schools
  - playgrounds
  - school repairs
  - student residences

## MISSION: ILLINOIS



### Geocaching in Schools

*Many teachers have taken the idea of geocaching and added it to their curriculums.*

- **Mathematical multi geocaches:** the first cache found includes problems to determine the coordinates needed to take the geocacher to the next caches
- **Science & environmental geocaches:** use real locations to teach what is happening around them
- **Historical geocaches:** locate and teach local history
- **Community virtual caches:** answer a question about the landmark to prove you found the "cache"
- **PE activities:** teach orienteering



"ADOPT A QUAD"

A Nationwide GPS Project of the USGS



ESRI K-12  
Authorized  
Teaching Program



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Authorized  
Teaching Program

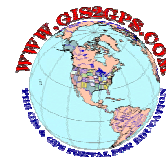
# Have GPS Will Travel!

**July 29 - 31, 2008**

**Dickson Mounds Museum and  
Havana Junior High  
Havana, Ill.**



Sponsored by:  
**GIS2GPS  
Team**



## The Ultimate GPS Hands-On Workshop for Educators!



### #1 - Why Use GPS In Schools?



- To create meaningful, learning activities for K-12 students.
- To integrate GPS and technology into mathematics, science, language arts, and social studies.
- To provide problem-based learning with authentic assessment.