#### Who is the GIS2GPS Team?

## **Ed Gorny**

Ed Gorny is the past Math Department Chair and Technology Chair of Jefferson Junior High. He is now focused on using his expertise as a technology consultant. He has also been involved with staff development for educators and other professionals across the Midwest. 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 as well as a B.S. in Mathematics. He was also a master trainer for the U.S. Department of Education at Argonne National Labs.

### **Nancy Gorny**

Nancy was a LRC Director and technology specialist. Her background is in geography, map libraries, researching and class development. Her research has been focused on historical data and locations. She has also been involved with staff development for educators and other professionals across the Midwest. Nancy is also ESRI trained for K-12 GIS training and integration. She also holds a M.A.T. and a B.S. degree in Geography. She was also a master trainer for the U.S. Department of Education at Argonne National Labs.

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

> Need more information? Please contact us at: **GIS2GPS Team** Phone: 217-632-0263 Email: team@gis2gps.com

visit our web sites at: WWW.ILEGA.ORG WWW.GIS2GPS.COM

## 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



## Geocaching in Schools

Iany 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















# Have GPS Will Travell

July 16 - 18, 2013

Lincoln's New Salem State Historical Site & PORTA S.D. Petersburg, Ill.

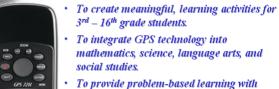


Sponsored by: New Salem S.H.S. GIS2GPS Team



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

## Why Use GPS In Schools?



- authentic assessment.
- To have students learn GPS and mapping skills so they will gain a set of highly desirable skills for future employment in business, industry and government.





