



One-Day Workshop Goals and Objectives

Goal: Provide a professional development workshop to teach geospatial thinking across the curriculum to high school and middle school teachers.

Objectives: The high school teachers will:

1. Expand their knowledge of geospatial technology and career opportunities for students in fields that use these technologies (e.g. resource management, business, local government, law enforcement, facilities management).
2. Expand their knowledge of the importance of geospatial thinking and the appropriate pedagogies for teaching with geospatial technology.
3. Be able to implement Web-based GIS lessons.
4. Collaborate with other area teachers to build teaching and learning connections.

One-Day Workshop Schedule

9:30 to 10:00 - Welcome

About GeoSTAC
Workshop goals
Paperwork

10:00 to 11:00 - Geospatial Thinking

Hurricane Activity
The World in a Box
Jing Download

11:00 to 12:00 - Geospatial Technology

PowerPoint Presentation
Web-Based GIS Tutorial(s)

12:00 to 12:30 - Break for Lunch (provided)

12:30 to 1:30 - Module Evaluation

Existing Lesson Evaluation -What has been developed?
Group Discussion

1:30 to 2:30 - Lesson adaptation

Career Links
Customize a student lesson

2:30-3:00 - Workshop Evaluations.