

GEO STAC Lesson Idea

This week you will draft a lesson outline for the lesson you are developing. You will place your lesson in the Homework assignment forum by Sunday (December 6). Then you will read through the forums and comment on two other lesson outlines.

Lesson Developer: Teacher and School

Subject Area: Math, Science, etc

Grade Level: Senior high, junior high, etc

Lesson Description: Provide a general overview of the lesson in terms of topic focus, activities, and purpose and the career connections you will make. Will this be a stand-alone lesson, an inquiry-based lesson, or part of a larger class research project? Provide a brief statement about the data used in the lesson/map. Briefly discuss your thoughts, experience, and advice about this lesson.

Web-based GIS Map: List the URL of the existing Web-based GIS Map you will use for your lesson.

National Standards: List at least two standards for your lesson discipline (i.e. Language arts, Science), at least two for Technology, and two for another discipline.

Technology:

- 1)
- 2)

Discipline:

- 1)
- 2)

Discipline:

- 1)
- 2)

Geospatial Concepts: What are the spatial questions students to be able to answer?

- a) Explicitly list at least three spatial concepts students will address.
- b) We will focus on the spatial concepts listed in the spatial thinking concepts from the Gersmehl list of words for spatial thinking.

For example: Location - Students will discuss absolute and relative location by providing the latitude and longitude for large tornadoes and by describing where they occurred relative to each other.

Web-based GIS Tools: What tools will students use in this activity? For example: Find, Query,