

GEO STAC Workshop Lesson Plan

GeoSTAC Workshop: One

Topic: Introduction to geospatial thinking

Time: 1 hour 30 minutes

Lesson Description: The focus of this lesson is to outline the goals of the project, and to develop a shared framework to define geospatial thinking.

Procedure: Divide the group into teams of three. One person in the team is asked to be the non-participating recorder. The other two participants are given a copy of the Hurricane Map. They are asked to discuss the map. No other directions are given. The note taker is asked to record the questions and statements generated by the discussion. The teams are given 15 minutes to discuss the map.

After the discussion, hand out the document Spatial Thinking. Have the 13 spatial concepts listed on a board or larger sheet of paper. Ask the teams to go over their notes and see where their discussion aligns with the concepts listed. Open a group discussion about these concept terms and how they were or were not addressed in their discussion.

Move the discussion to cross-curricular use of these concepts. Ask for examples of these concepts in math, science, language.

Assignment:

Hand out copies of the World in a Box video worksheet. Participants will view the streaming video and answer the guiding question on the worksheet.

GeoSTAC Webinar: One

Time: 30 minutes

Topics: What geospatial concepts are demonstrated in the video The World In a Box? How are geospatial concepts being addressed in the classroom. What is GIS.