

**GeoTech Consortium of Western New York (GTCWNY) and MCC hosts:
*Professional Development Workshop on Integrating Geospatial
Technology into the HS Classroom***



Date: August 16 and 17, 2016

Location: Monroe Community College, Brighton Campus (BLDG 11, room 111)

Agenda

Day 1

8:30 Arrive and sign-in (refreshments provided)

9:00 Welcome and introductions (Geo Rev trailer) (JL)

9:15 Workshop overview (JL) and Geography background

9:45 ArcGIS Online Account Info

10:00 Intro Activity: ArcGIS Online Basics – Exploring Severe Weather (HP)

10:15 Break

10:30 Activity 1: Creating Your Own Map – Hawaiian Volcanoes (HP)

11:15 Activity 2: Creating Your Own Layer from a CSV File – Emergency Shelters in Hawaii (HP)

11:45 Break (lunch provided)

12:30 Geospatial Revolution (episode 1)

12:45 Discuss Classroom Implementation (JL)

1:00 Story Map Intro (what are they, examples, geoinquiries) (HP)

1:20 GIS Scholars and School Without Walls (Thomas C, Joseph B, and Nic Garrison)

1:50 Short Break

2:00 GPS Field Activity

2:40 Tentative GIS Implementation (can change tomorrow)

2:45 Paperwork and stipend information

3:00 End of Day 1

Day 2

8:30 Arrive, sign-in, and paperwork (refreshments provided)

9:00 Online Resources from GTCWNY with a focus on Earthquakes/Plate Tectonics (JL)

9:10 Mendon Ponds GIS/GPS implementation || If time, Questions (Steve Fedor, Webster)

9:40 Activity 3: GPS/ArcGIS Online integration (HP/JL)

11:00 Brainstorm ideas for implementation (small groups of 2 or 3) || Share out (HP)

11:30 Break and collect paperwork (lunch provided)

12:15 GIST Certificate (+ video + flyer) & Dual Credit (JL)

12:30 Open Lab Time (GIS Implementation Plan) and Field trip to Geosciences Hallway:

1:40 GIS Implementation Plan and Next workshop Dates (pass around)

1:45 Certificate of Completion

1:50 Surveys

2:00 End of Day 2