Station #1 Putting Fire Island on the Map

This activity is the basis for the rest of the stations in this lesson. It can also be used in isolation as an exercise in mapmaking, using a key, and locating points of interest.

<u>Aim</u>: Student will

- Use the Internet as a source and obtain a map of L.I. with details of F.I.
- Research the location of key geological formations, communities, state and national parks, Coast Guard facilities, lighthouse, fishing stations and other points of interest.
- Create a map of F.I. with a key.
- Build a vocabulary list.

<u>Materials</u>:

1.) Laptop
2.) Pencils, paper and crayons
3.) Transparency and overhead projector
4.) Large sheets of paper. (Butcher paper or Construction site protective paper).

<u>Protocols</u>:

1.) Form your cooperative learning groups.
   Suggested roles:
   a. Website finder
   b. Note takers
   c. Large paper manager
   d. Measurers and locators
   e. Drawers
   f. Key maker

2.) Take the best map students can find on the web, print it, and make a transparency of it. Place the transparency on the overhead projector, and moving the projector until you get the proper size to fit the large paper you have chosen, trace the outline of Fire Island and the South Shore of L.I. onto the paper. Place the appropriate

set of information on the map such as **longitude and latitude**, **compass directions**, and a **scale of size**.

3.) Student should return to the laptop, and browsing through the suggested websites, locate the geological formations, harbors, communities, state and national parks, beaches, marinas, ferry docks, lighthouse, Coast Guard station, fishing stations, bridges, inlets, and any other points of interest they choose. This task should be split up between the members of the group, one student using the computer, the others sharing the task of copying information.

4.) All students except **the key** maker will divide the task of drawing the points of interest on the map.

5.) Each student will choose an appropriate symbol or icon for the locations they are plotting. The key maker will form a key, using a logical plan (for example, alphabetical order, listings under headings like towns, beaches, etc.), and the icons provided by the drawers.

www.fireislandcc.org/map.html

travel.yahoo.com/p-**map**-477958-**map_of_fire_island**_ny-i

www.nps.gov/fiis/planyourvisit/maps.htm excellent

travel.nytimes.com/.../united-states/new-york/long-**island**/**fire**-**island**/**maps**.html
www.fireisland.com

www.lighthousefriends.com/light.asp?ID=390

bbs.keyhole.com/ubb/ubbthreads.php?ubb=showthreaded&Number=1246225
Excellent aerial views of communities

www.city-data.com/city/Fire-Island-New-York.html excellent source of all data from demographics to weather