

Grade Level: 9th – 12th

Subject Area/Course: Chemistry, Environmental Science

Performance Objectives:

References are to the Next Generation Sunshine State Standards (2007).

Science

SC.H.1.4 The student uses the scientific processes and habits of mind to solve problems.

SC.H.2.4 The student understands that most natural events occur in comprehensible, consistent patterns.

SC.H.3.4 The student understands that science, technology, and society are interwoven and interdependent.

Academic Outcomes/Lesson Objectives:

- Students will create a data table using the website and Excel.
- Students will create a time-history and spatial-trend graph using data from the website.
- Students will describe the graphs produced using a summary sentence.

Materials Needed:

Internet access with a bookmark at www.Seminole.WaterAtlas.org, Excel or equivalent spreadsheet program

Safety: N/A

Vocabulary: data table, graph, parameter, time-history graph, spatial-trend graph

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