**EET Workshops Implementation**

Use this template to share the results of how you have incorporated the techniques of an EET chapter into your teaching. Let us know how you used the EET in the classroom by describing the projects and activities that you carried out with your students. In addition to this template, post a PowerPoint presentation or a text file with screen shots to document your results.

**Name:**

Tanea Hibler

**Position and school:**

Introductory Science Teacher, Estrella Foothills High School

**Title of the EET Chapter on which you based your Project or Activity:**

Using Globe data to Study the Earth System

**Dataset Used:**

Reynolds Jr Sr High School, Greenville, PA, US

**Tool Used:**

Globe Graphs

**Project/Activity Question(s):**

* Students were given a set of about 40 questions to answer as they were going through the data (see attachement)

**Project/Activity Goal(s):**

* Use Globe tool to locate, study, and display data.
* Students should be able to see how Earth’s four spheres interact with each other
* TSW be able to describe the role of solar energy in the annual fluctuations of soil moisture.

**Brief Description of the Project/Activity** (What did students do?)**:**

Students had to discuss the data with a partner and then answer questions that corresponded with the changing data. Afterwards, the class discussed the data as a group.

**Number of Students** (With how many students did you carry out the project/activity?)**:**

About 86

**Time Spent on the Project/Activity** (How many hours or class periods did the project/activity take?)**:**

Two 1 and a half hour class periods.

**Your Reflections on the Project/Activity:**

* How do you feel the project/activity went with students?
	+ I initially started out trying to let each student work on individual computers, so they could work at their own pace, but the GLOBE site was moving very slowly, so we returned to the classroom, and I projected my computer screen onto the wall, so we could all look at the data at once. This worked well.
* What sorts of questions did student ask? What insights did they have? How proficient are students in using the dataset and/or tool of the EET chapter?
	+ Students had a lot of questions about how to read the data from the graph, but as we went through each problem they familiarized themselves with the material.
* How will you carry out this project/activity differently in the future?
	+ If the computer lab works better, I would like students to be able to manipulate the data on their own.

In addition to this template, please post a PowerPoint presentation or a text document with screen shots to document your results. Include examples of representative student work (without names) and any handouts or introductory materials you may have provided to accompany the project/activity.

If the materials you used come from other sources and are copy written, please cite where they come from. If you developed the materials you used, then please cite them with Your Name, Copyright Year. For example, Susan Smith, Copyright 2006.