

TL-I. Technology Operations and Concepts

Educational technology leaders demonstrate an advanced understanding of technology operations and concepts. Educational technology leaders:

- a. NETS Reflection: In using the SAM software, I completed assignments using several different technologies. Much of the information in the exercises was new to me or was a new way of completing particular tasks. I demonstrated knowledge, skills, and understanding of the tasks by completing all tasks and completing training in the areas that I did not master initially. The program was very useful in my environment because I use all of the technologies taught in the SAM software. I would like to see more programs like this available to all teachers in order to improve technology skills. I thought I was very proficient in many areas, but after using the SAM software, I found areas of deficiency that I was able to improve upon.

Conceptual Framework Reflection: The SAM software allowed me to become more knowledgeable in using several common technology programs. The project also made me more inquisitive to investigate other tools on my own. I have investigated several tools inside Microsoft Word and Microsoft Excel after using this program. The project gave me empathy for the students in my class who have difficulty in learning new topics or technologies. A few of the lessons were a challenge. Now in my classroom, I try to assist students when they need extra help creating a chart, importing pictures, or making a table.

- b. NETS Reflection: In the 7462 class, I used many current and emerging technologies that can enhance education. These technologies include, but are not limited to Google SketchUp, Google custom Searches, Google Calendar, Google Translator, Google Docs, Google Forms, and Google Aggregator. Many of the teachers in my school are not familiar with these tools, and I have been able to expose by colleagues to these tools. The ISTE membership also provides me with current technology publications with advances in technology education. The membership also provides access to a variety of resources and research.

Conceptual Framework Reflection: I have been proactive in using these emerging technologies. I have embedded a Google Form on my school website for parents to sign up for a weekly emails and reminders. I am also working toward embedding a Google calendar on our school website for parents, teachers, and students to keep up with school activities. Many of these assignments included collaboration for completion including Slideshare. I shared several of these valuable tools with work colleagues collaborating and demonstrating the uses of the tools. In addition, I have used Google custom searches for several teacher creating safe searches for student research projects. Google Translate has been beneficial in producing Spanish emails to parents.