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Report Submitted to TRC for TSSA Award in 2011-2012 (Winter 2012)

By

Amy S. C. Leh

I received a TSSA award to attend the international conference of Society for Information Technology and Teacher Education (SITE2012) held March 5-9, 2012 at Austin, Texas. The conference theme was "*Teaching in Exponential Times!*" I made two presentations at the convention and attended several presentations relevant to teaching.

A couple of the presentations were relevant to ways to broaden students' engagement and collaboration focusing on STEM (science, technology, engineering, and math) Education. I learned considerable amount of resources that I may share with my students who may help their students. Resources include, but are not limited to:

- shodor.org: It contains resources for computational science education for students, parents, and educators;
- concord.org: The ITSI-SU project and its materials are very useful for teachers to help and engage their students in STEM learning.
- livebinders.com: One needs to register for an account. Once I got an account, I was amazed by considerable amount of information, e.g. tutorials and curriculum, that my students and I may use in our courses.
- ittip.us: The Institute for Teaching through Technology and Innovative Practices (ITTIP) provides useful online resources for teachers and students.
- sooperminds.com: Teachers, parents, counselor and students can go to this website to find information relevant to students' career pathways and their alignment with a variety of STEM courses.

The websites (http://www.whyville.net, http://www.poweracrosstexas.org/tweens-lead-the-way-in-whypower, and http://labyrinth.thinkport.org/contest) contain games that attract students and enhance students learning.

In addition, several presentations are relevant to the use of iPad in instruction, including different iPad apps and pedagogy. I plan to further explore the use of onlive desktop, evernotes, quickoffice, docstogo, goodreader, NLL, fast keyboard, documents2go, istopmotion, scanner, ibook creator, caliber, side-by-side, issue, voicethread, splashtopwhiteboard, and skyscape.