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Important Dates

Principals Return
July 23, 2010

Teachers Return
August 10, 2010

Students Return
August 17, 2010

**Partner's In Education
Kick off Breakfast**
August 25, 2010

Interested in Becoming a Vols4STEM Point of Contact?

Contact Joe Carson at
jpcarson@tds.net.

Stories to Share or Ideas for Activities?

Send to Ahnna A. Estes at
aestes@knoxvillechamber.com

Points of Contact and How They Will Work

Points of Contact (POCs) will help move Vols4STEM forward in their mission to collaborate with teachers. Efforts are currently underway to match one or more STEM professional with the POC at each of Knox Counties Middle and High schools. Once these POCs have been connected the effort will move to surrounding school districts as well as K-5 schools.



The purpose of developing these relationships is to facilitate an ongoing partnership of support for classroom teachers and schools. The activities of the partnership will be left to the partners to determine as different schools have different needs. Examples of the support are classroom resources, classroom speakers, assistance with projects and/or after school clubs and competition teams.

STEM professional POCs are still needed at several schools:

Knox County

Carter Middle School
Holston Middle School
Northwest Middle School
Powell Middle School
Whittle Springs Middle School
Carter High School
Gibbs High School
Powell High School

Oak Ridge Schools

Robertsville Middle School
Jefferson Middle School
Oak Ridge High School

Leadership Knoxville Class Uses SKYPE to Reach Students



Six members of the Leadership Knoxville 2010 class developed a project which they titled "SEC (Shadow Electronically Careers) Week." The purpose of the project was to help middle school students become familiar with STEM skills and how these skills are used in many types of careers. Their objective was to use "SKYPE" internet based communication and other electronic technology as a means of connecting professionals with students conveniently. By using electronic technology the team felt the students would be engaged in the exercise.

Working with Elizabeth Alves, Knox County Schools Director of Middle Schools the team was connected with principals at Vine Middle School and Whittle Spring Middle School. Members of the team met with classes at Vine and Whittle Spring for five days via SKYPE. Using information gathered from pre and post surveys the team was able to develop a model for future use by STEM professionals and teachers to encourage collaboration.

For more information please contact Ahnna Estes at aestes@knoxvillechamber.com or call 865-246-2658.



Participation in a science fair is an excellent learning experience. A school science fair offers a student the opportunity to work on a research project, to devise and test a hypothesis, and to explain her/his project before some of the outstanding scientists and engineers in our area. Each year, more than 300 middle and high school students from East Tennessee compete for prizes and college scholarships. It is not too late to think about incorporating a science project in the classroom. The Southern Appalachian Science and Engineering Fair (www.sasef.com) is here and is ready to

help. For more information, contact Dr. Al Hazari, SASEF President, at ahazari@utk.edu or 865-974-1065.

Gearing up for the 2010-2011 School Year

Members of the Vols4STEM steering committee and volunteer points of contact will meet with teachers during their August 12th in-service to discuss collaboration. Points of Contact are encouraged to get in touch with education partners to begin planning for the upcoming school year.

Recommended Reading for the Month

The Vols4STEM steering committee shares articles and news stories they have been reading this month.

[Click here for a list.](#)