

Educational Technology Conference

Effectively Incorporating Technology into Subject Matter

Friday, December 9, 2011 • 8:30 a.m. – 3:30 p.m.
1600 Valley Road • Wayne, NJ 07470

Session 1 (9 – 10:30 a.m.)

A.) Integrating Technology into the K-5 Mathematics Curriculum

Ms. Jacquelyn Van Orden, William Paterson University

This workshop will focus on interactive websites that will benefit K-5 students in the area of mathematics. First, you will explore a variety of interactive math-based websites and then you will navigate through a selection of diverse mathematics WebQuests. Lastly, you will create your own mathematics WebQuest to be used in your classroom.

B.) Integrating Technologies into the Language Arts Classroom

Ms. Lynn Dimatteo, Cedar Grove School District and William Paterson University

Join us to learn numerous ways to integrate technology into the Language Arts Classroom. We will explore online resources for teachers and students as well as the use of visual aids for creative teaching and learning. You will learn to use *Glogster* to create interactive posters. All grade level teachers are welcome

C.) The Technology Connection: New Jersey Core Curriculum Content Standards and the Science Classroom

Ms. Ana Alea and Ms. Dina Scacchetti School Paterson School District

The workshop will present several technology-based activities that integrate the New Jersey Core Curriculum Content Standards into the science classroom. While examples will be drawn from the High School Environmental Science Core Course Content (April 2011), the activities will be applicable to all grade levels.

D.) Using Technology to Bring the World to your K-12 Students

Dr. Sheetal Ranjan, William Paterson University

With globalization and increasing internet and communication technologies easily accessible in most of the world, it is now possible to bring the world into your classroom without a major financial investment. How can a K-12 teacher utilize the possibilities of everyday technologies to enable such an experience for students? This workshop will address: pedagogical goals and the required planning for projects at various grade levels; topic ideas for different subjects; how to select the correct technology for a specific grade level, subject, available time and goals of the assignment; how to create fun and engaging projects; internet safety; and, hands-on lab exposure to selected technologies (e.g.: websites, group pages, wikis, blogs, Facebook group pages, synchronous and asynchronous video conferencing, and Google maps).

Session 2 (12:45 – 2:15 p.m.)

E.) Empowering Struggling Readers and Writers with Technology

Dr. Carrie Eunyoung Hong, William Paterson University

There are many technology tools available today to assist struggling readers and writers to improve their literacy skills. This workshop will focus specifically on those tools, resources, and strategies that can enhance student success with reading and writing tasks across content areas. All participants will develop a student activity or a lesson that can be immediately used in the classroom. All grade level teachers are welcome.

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Session 3 (2:25 – 3:55 p.m.)

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J.) Integrating Technology in the 6-12 Mathematics Classroom using Geometer's Sketchpad

Ms. Lisa Ames, Wood-Ridge High School, New Jersey

Geometer's Sketchpad is software that gives students a visual way to learn mathematics that increases their understanding and achievement. This workshop will introduce K-12 teachers to Geometer's Sketchpad and how it can be incorporated into any mathematics curriculum. You will learn the basics of the program and examples of how it can be used for various mathematics topics. Lastly, you will be able to create your own activity using Geometer's Sketchpad in relation to a specific mathematical topic you teach.

K.) Making Classes Click with Students: Using Student Response Systems (aka "Clickers")

Dr. Heejung An, William Paterson University

Clickers is a student response system that allows teachers to easily and efficiently take attendance, give quizzes, and increase classroom interaction and participation. This workshop will introduce you to the basics of Clickers, with a focus on how to create effective questions. Similar cell-phone based programs such as www.polleverywhere.com will be introduced as well. Bring your cellular phone, so that you can practice!

L.) Using VoiceThread to Reach Outside the Classroom

Dr. Victoria Fantozzi, William Paterson University

This workshop will focus on ways to use collaborative multimedia slideshows, such as VoiceThread, to develop vocabulary, spark student interest, and connect students to people and material outside the classroom. This workshop will include examples of student conversations that have occurred through voice thread as well as ideas for using this tool in all grade levels. You will have time to post your own media and provide comments (both written and audio recorded) on the site.