NEW! ISTE NETS Resources for Preparing Teachers to Use Technology

Peggy Kelly, California State University, San Marcos, US
Lajeane Thomas, Louisiana Tech University, US

DESCRIPTION: Session includes samples from NETS for Teachers: Preparing Teachers to Use Technology integrating ISTE NETS in teacher preparation foundations, methods, student teaching, and classroom instruction.

SUMMARY: Dr. Peggy Kelly, Co-Director of the ISTE NETS for Teachers Project and Document Development Director with Lajeane Thomas, ISTE NETS Project Director will present sample learning activities from the newly released NETS for Teachers: Preparing Teachers to Use Technology book. The document includes standards-based lessons for preparing teachers or teacher candidates to use technology effectively to support learning in mathematics, science, social studies, and the English language arts. Additionally, activities applying technology to support communications, research, problem-solving, concept mapping and other applications cutting across subject areas will be included. The session will consist of an overview of the resources included in the document including specific examples and Web locations where the contents of the document can be located.

The purpose of the session is to reveal model lesson resources based on both the National Educational Technology Standards (NETS) for Teachers and subject area standards. The lessons will illustrate how teaching activities for each content area can be supported by technology thus addressing both the content standards and technology standards within the same learning activity sequence. The underlying goal of the session activities is to provide a framework for establishing new learning environments supported by technology and guided by the national standards of the professional societies. These new learning environments rely on integration of research-based learning theory and on technology as a catalyst for promoting these learning strategies in classroom practice.

Participants will leave with an understanding of the NETS for Teachers and how those standards can be addressed in programs for preparing teachers to use technology. They will receive examples of the learning activities, the Web address where all of the lessons and resources can be found on the Internet, and will be provided with insights regarding how the standards and resource materials can be used to prepare both preservice and inservice teachers to meet the ISTE NETS for Teachers as well as subject area standards.

Resources can be found at the following Internet locations:
http://cnets.iste.org
For further information contact: Peggy Kelly at http://www.csusm.edu or Lajeane Thomas at lthomas@latech.edu