

NSTA Annual Conference

When NSTA and ISTE Collaborate, students win!

Celebrating the Year of Science...Laissez les Bons Temps Rouler!

March 19–22, 2009 in New Orleans, LA

Join the International Society for Technology in Education (ISTE) at the 2009 annual convention for the National Science Teachers Association (NSTA) for engaging and innovative sessions focused on improving teaching and learning through technology.

■ Integrating Technology into the Classroom

Thursday, March 19, 2009, 8:00–9:00 a.m.
Ernest N. Morial Convention Center, Room 242

Description: The National Education Technology Standards for Students (NETS•S) provide a map for what 21st-century students should be able to do. This session will demonstrate how teachers can effectively integrate technology seamlessly into the science classroom. From the one-computer classroom to one laptop per child, you will see how to make use of different technologies. We will share some best practices and handouts with ideas.

Ben Smith and Jared Mader, www.edtechinnovators.com

■ Digitizing the Science Classroom—Prepare Students for the Global Society

Thursday, March 19, 2009, 9:30–10:30 a.m.
Ernest N. Morial Convention Center, Room 242

Description: Today's students are innovative and understand how to communicate and collaborate in their personal lives. This session will show you how to capitalize on these characteristics by bringing your classroom into the 21st century. Put your curriculum into your students' hands. Students already have the toys, come and see how to put them to use.

Ben Smith and Jared Mader, www.edtechinnovators.com

■ Wikis for Students and Teachers in Science

Thursday, March 19, 2009, 12:30–1:30 p.m.
Ernest N. Morial Convention Center, Room 242

Description: Hands On! Come and set up your wiki. You will learn how to create and maintain a wiki including adding images, links, and audio. Return to your classroom with a resource already in place.

Ben Smith and Jared Mader, www.edtechinnovators.com

■ Student Voices on Technology in Science

Thursday, March 19, 2009, 2:00–3:00 p.m.
Ernest N. Morial Convention Center, Room 242

Description: Join the International Society for Technology in Education (ISTE) in a unique panel discussion. Students will virtually join their teachers to discuss and demonstrate best practices for using technology in the science classroom. Take a peak into what students think about the use of technology in the classroom. During the discussion, panelists will: explore the current research on technology in education; demonstrate how to create tech-savvy opportunities with limited resources; and explain the impact technology has on teaching and learning. This session will include a Q&A involving both teachers and students.

Ben Smith and Jared Mader, www.edtechinnovators.com

■ Podcasting for Students and Teachers in Science

Thursday, March 19, 2009, 3:30–4:30 p.m.
Ernest N. Morial Convention Center, Room 242

Description: Hands On! Create your own podcasts, learn the details of publishing and subscribing to podcasts, and gain new ideas for how to use podcasting in your classroom. Participants will create a podcast and post it to a wiki during this session.

Ben Smith and Jared Mader, www.edtechinnovators.com

■ Emerging Technologies in the Science Classroom

Friday, March 20, 2009, 8:00–9:00 a.m.
Ernest N. Morial Convention Center, Room 242

Description: Hands On! Web 2.0 provides many opportunities to transform the digital learning environment. This session will explore how to use the latest Web 2.0 tools available including Google Docs, Delicious, and more. Participants will have the opportunity to get involved from the student perspective.

Ben Smith and Jared Mader, www.edtechinnovators.com

■ Using Technology to Break the Traditional Mold of a Laboratory Report

Friday, March 20, 2009, 9:30–10:30 a.m.
Ernest N. Morial Convention Center, Room 242

Description: Do your students write lab reports? Discover how to use technology with students to change the face of the traditional science lab report. Research and problem solving are important skills students learn in science. Using technology alongside these activities turns them into 21st-century skills.

Ben Smith and Jared Mader, www.edtechinnovators.com

■ **What Should Administrators Know and Be Able to Do with Technology in the Science Classroom?**

Friday, March 20, 2009, 11:00 a.m.–noon
Ernest N. Morial Convention Center, Room 242

Description: Join the International Society for Technology in Education (ISTE) and tech-savvy science educators as we collectively identify what administrators should know and be able to do while using technology in learning environments. ISTE released the National Education Technology Standards for Administrators (NETS•A) in 1999, and would like your feedback as the next generation of NETS is developed and finalized for a summer 2009 release date. NSTA members will use their expertise and current experiences at district and classroom levels to provide feedback to ISTE about NETS•A. Join us in this engaging session as we explore the current technology teacher standards and then allow you an opportunity to provide feedback. Be an advocate of technology in education and allow your voice to be heard.

Robert Hancock, SELU

■ **For Teachers, By Teachers: The Cogs Web site and NASA's Virtual Lab**

Friday, March 20, 2009, 12:30-1:30 p.m.
Ernest N. Morial Convention Center, Room 242

Description: Learn how to use NASA's free Virtual Lab software, which provides a high-fidelity simulation of advanced scientific instruments. Support your curriculum with this inquiry-based software allowing your students an opportunity to be the scientist operating a high-tech microscope.

Theresa C. Martinez (NASA Kennedy Space Center, Florida)

■ **For Teachers, By Teachers: NASA Brings a Standards-Based Shuttle**

Friday, March 20, 2009, 2:00-3:00 p.m.
Ernest N. Morial Convention Center, Room 242

Description: Work with NASA's Kennedy Launch Academy Simulation Software, which allows your students to be the engineers for simulated launch countdowns. This interactive software will enhance your lessons and engage your students while supporting math, science, and technology standards.

Theresa C. Martinez (NASA Kennedy Space Center, Florida)

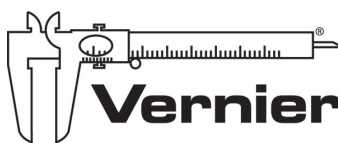


ISTE would like to thank the NASA Kennedy Space Center and the following ISTE 100 Corporate Members for their support.



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Thanks for providing the wireless lab used for these sessions.



Vernier Software & Technology

The International Society for Technology in Education (ISTE) is the premier membership association for educators and education leaders engaged in improving teaching and learning by advancing the effective use of technology in PK-12 and teacher education. Home of NETS and NECC, ISTE represents more than 100,000 professionals worldwide.

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