

21st Century Classroom

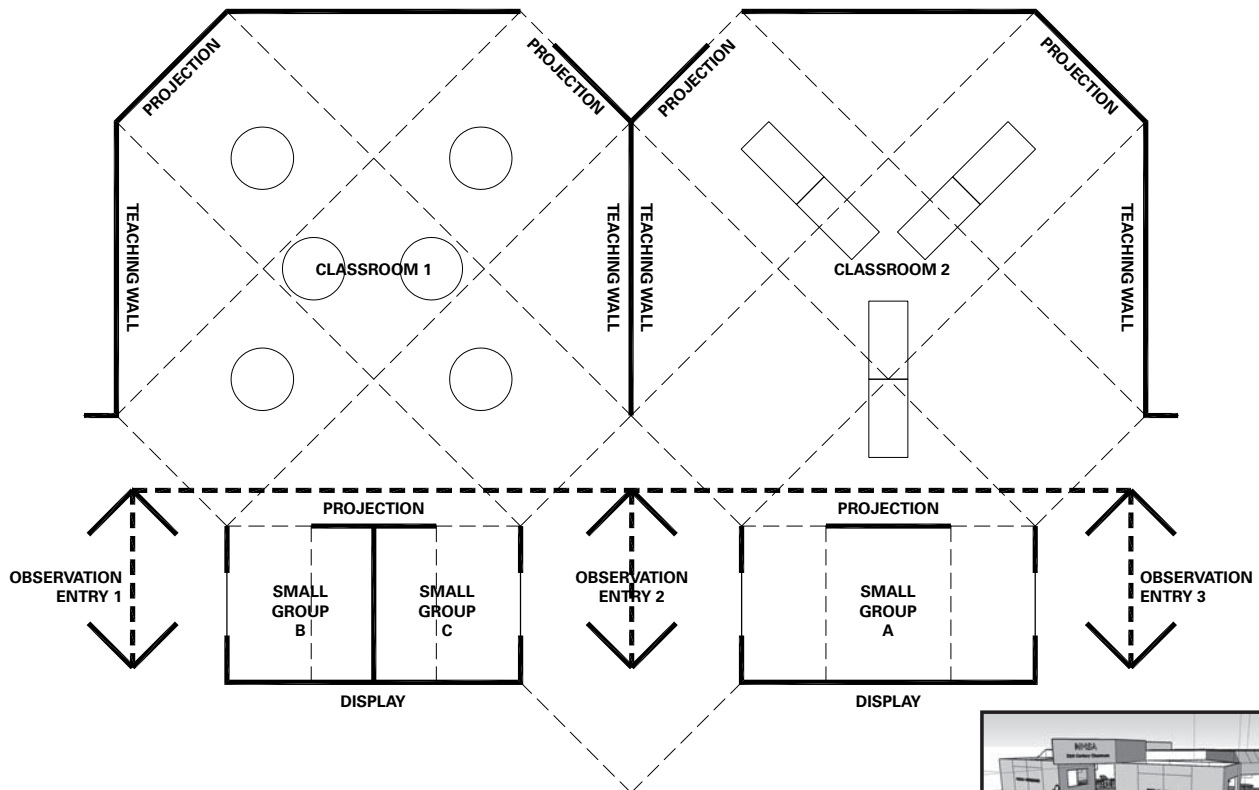
Tech Row

A special area of the exhibit hall has been set aside this year for companies that are part of the 21st Century Classroom. This Tech Row area was designed to allow these special companies to be located right next to the 21st Century Classroom, so that attendees can readily access further information on areas of interest in the Classroom. Tech Row consists of booths **469-471; 568-575; 668-675; and 768-775.**

21st Century Classroom

Located in the Exhibit Hall at the end of the 600 aisle.

National Middle School Association is teaming up with several companies and organizations to bring the 21st Century Classroom to life again at our annual conference in Indianapolis. The 21st Century Classroom is being designed by the firm of Fanning Howey and the construction management is being done by the Skillman Corporation. Again this year, the goal is to construct the most technologically advanced classroom to date. The classroom will be "staffed" by teachers and students from Clay Middle School of Carmel Clay Schools on Thursday and from School 91 of Indianapolis Public Schools on Friday. On Saturday, the 21st Century Classroom will feature numerous presentations and demonstrations. See page 10.



Special Thanks to:

Acer
 Apple, Inc.
 Armstrong Ceilings
 AVerMedia
 Bill Lawrence Painting
 Binford Group
 Business Furniture Corporation
 C-Cat
 CDI
 CDWG

Center Plate Catering
 CIM Technology Solutions
 Entertainment Software Assoc.
 Essential Architectural Signs, Inc.
 Fanning Howey
 FreeAxez USA
 Ignite Learning
 Interior Specialties, Inc.
 KI
 Knoll

Light Source of Indiana
 MDC Wallcovering
 Panasonic
 Perry Acoustics
 Polyvision
 Promethean
 RJE Business Interiors
 School Specialty
 Seward Sales
 Sharp School Services

Skillman Corporation
 Smart City
 Steelcase, Inc.
 Tandberg
 The Mohawk Group
 (Lees, Karastan, Bigelow)
 Tightrope Media Systems
 Vanerum Stelter Partners
 Vincent Lighting
 VS America, Inc.

21st Century Classroom

Thursday, November 5

Clay Middle School

Carmel, Indiana

9:00 a.m. - 10:00 a.m.

Journalism — *Todd Stewart, Evan Williams*

- Organization meeting to brainstorm stories
- Mitosis Enlarged

10:00 a.m. - 11:00 a.m.

Language Arts and Social Studies —

Laura Martin, Liana Giles, Scott Kenney

- Great Humanitarian Project, connections to Haiti, Photostory on active organization in Haiti
- Map activity on Federalists vs. Antifederalists

11:00 a.m. - 12:00 p.m.

Humanities — *Karl Knerr, Bryan Alig*

- DLL on Ancient Rome, Live from Rome

12:00 p.m. - 1:00 p.m.

Health/Physical Education — *John Corcoran, Sally McDougal*

- Polar E600 heart rate monitors and transmitters, PE student portal program, possible DLL connection

1:00 p.m. - 2:00 p.m.

Math — *Cassie Lee, Rebecca Runyon, Stacy Arnold*

- Qualitative graphing with calculator based rangers (distance v. time)
- Distance-rate-time investigations with Air Traffic Control with NASA through DLL

2:00 p.m. - 3:00 p.m.

Science — *Mark Weaver*

- Birds as students see them

3:00 p.m. - 4:00 p.m.

The Beatles — connected with London

Friday, November 6

Rousseau McClellan School 91

Indianapolis, IN

On the 6th grade side:

The morning will display Math and Science activities.

Math: Saxon Math

Science: Seasons, Earth's Tilt and Phases of the Moon.

There will be a lot of language arts integration into the science lessons.

The afternoon will display Language Arts and Social Studies activities.

Language Arts: The students will be working on their personal memoirs.

They will be reading biographies from historical figures and using the styles to improve their own writings.

Social Studies: European Country Study Presentations.

On the 7/8 grade side:

The morning will display Math and Science Activities.

Math: Pre-Algebra and Algebra activities

Science: Atomic Structure/Chemistry Topics

The afternoon will display Language Arts and Social Studies activities.

Language Arts: web portfolio and the writing process with a focus on poetry.

Social Studies: Africa study and specific projects and activities.

Conference Workshops

Morning

Saturday, November 7

8:00 a.m. – 11:00 a.m.

\$35.00 each

Conference workshop enrollments are limited. Tickets were sold in advance with registration; however, tickets may still be available for purchase at the NMSA registration desk.

3001

Writing for Publication Demystified

David Virtue

This workshop is designed to make participants more comfortable with the process of writing for publication in professional middle school journals. Experienced editors and authors will take participants through the submission, revision, acceptance, and editing processes. They will also offer guidelines for improving writing and will work with

participants in small groups to provide feedback on article ideas and answer participants' questions about writing for publication.

3002

The Power of Words—It Really Is About What You Say!

Debbie Silver

We've all heard the adage, "It's not what you say, it's how you say it." This simply isn't true. More and more research is pointing to the effect of specific words on student motivation and achievement. Erroneous praise can do more harm than good on long-term achievement. Come and learn about emerging research on attribution theory, self-fulfilling prophecy, mind-sets, and surprising insights about our students and ourselves. You may never use compliments in the same way again.

Tech Savvy Saturday Sessions in the 21st Century Classroom

3401

Beyond Our Walls

Erica King, Jimmy Angelov

Time: 8:00 a.m. – 8:55 a.m.

Room: 21st Century Classroom (Convention Center – Exhibit Hall)

During this session, students will be using technology to discover and explore the French-speaking world around them. They will be learning about cultural diversities as well as geography, history, and language. The students will understand how they can connect with others outside of their community, reaching to France and beyond!

pages, wikis, surveys, tests, and more. Tom has used Moodle with his 5th–8th graders for the past 3 years to teach science and technology and will share his experiences with this e-learning platform.

3502

Eight (or more) Tech Tools to Blend into your Classroom

Todd Williamson

Time: 9:00 a.m. – 9:55 a.m.

Room: 21st Century Classroom (Convention Center – Exhibit Hall)

This session will focus on web-based tools that allow your students to collaborate, communicate, and create. Join us for a fast-paced (possibly lightning fast) look at eight (or more) tech tools that you can use to enhance your teaching and student learning. Oh, and they're free too!

3402

New Tech School of IDEAS

Tom Wachnicki, Allison Gary, Keisha Merriweather

Time: 8:00 a.m. – 8:55 a.m.

Room: 21st Century Classroom (Convention Center – Exhibit Hall)

In this session, we will discuss the implementation of the New Tech Network model at School of IDEAS in Decatur Township. Topics to be discussed will include: Integrated Courses, master schedule, technology integration and the tenets of project based learning.

3601

Creative ways to Finance Technology for Schools

Robert Heimbrock

Time: 10:00 a.m. – 10:55 a.m.

Room: 21st Century Classroom (Convention Center – Exhibit Hall)

We are in a tough economy but we still have a responsibility to teach today's students better than ever. Technology is a big part of the process but with budget cuts, how do we afford it? Leasing has been a great way to tackle the big projects and keep them in the budget. One-to-One, computer labs, wireless campuses all can be put on lease to do them now not years from now.

3501

Moodle For Middle School

Tom Jenkins

Time: 9:00 a.m. – 9:55 a.m.

Room: 21st Century Classroom (Convention Center – Exhibit Hall)

Are you looking for a way to interact with your students online? Moodle is designed to help educators create online courses with opportunities for rich interaction. It's free, open source, and can be adapted to any learning environment. Create calendars, message boards, resource

21st Century Classroom

3602

Using Google Groups and Docs with Students

Karolee Smiley

Time: 10:00 a.m. – 10:55 a.m.

Room: 21st Century Classroom (Convention Center – Exhibit Hall)

Need an introduction to Google Groups and Google Docs? This presentation will provide an overview of Google Groups: set-up, pages, files, discussions, chats, and using Google Docs for student collaborative products. Learn the basics to create a Google Group for your class.

3701

Polar Bears, Climate Change, and the Subarctic and How That Can Fit Into Your Classroom

Mark Weaver

Time: 11:00 a.m. – 11:55 a.m.

Room: 21st Century Classroom (Convention Center – Exhibit Hall)

Participants will be introduced into the world of the polar bear and learn some background about these animals, the area that they live in, the human interactions, and then some classroom connections. A website, film and teacher materials will also be presented. I have had the opportunity to visit Churchill Manitoba and spend quite a bit of time out on the tundra, living in the Tundra Buggies (like what are in the National Geographic) during Oct/Nov a couple of different times with support from the school corp. I was able to teach my students from there a few times, even taught in a native school there, and spent lots of time learning about these top of the food chain creatures. <http://www.ccs.k12.in.us/polar/polarbear.html>.

3702

The Promethean Classroom

Margaret Hollies

Time: 11:00 a.m. – 11:55 a.m.

Room: 21st Century Classroom (Convention Center – Exhibit Hall)

All instruction for this lesson will be by the use of the Promethean whiteboard. Both the teacher and the students will use the board at different times throughout the course of the lesson. The teacher will introduce a new concept, and students will be tested at various intervals to see how they are understanding new ideas. The Promethean whiteboard allows student interaction in various ways. Students can write directly on to the board or remain at their desks and use the Active slate to write on the board. By using the Active voters, the students will answer questions about the concepts being taught and will receive immediate feedback. The Active voters will be used to poll the class of options as well. The Promethean whiteboard, Active Slate, Active Arena, and Active voters all promote an environment of collaboration among the teacher and students. The entire class becomes an interactive classroom. Paper and pencil are not needed because everything is recorded by the Promethean board. Students enjoy interacting with the whiteboard.