



2010 Technology Conference Sessions and Descriptions

Session 1 ~ 9:00 – 10:00
Session 2 ~ 10:15 – 11:15
Session 3 ~ 12:30 – 1:30
Session 4 ~ 1:45 – 2:45

LS Teachers

- Session 1: **Scratch and NXT: Computer Science in the LS**
Hear about computer science offerings for LS students and get hands on time with the program of your choice.
Amy Brudin, St. Anne's-Belfield School and Frank Becker, Collegiate School, Journalism Room – Student Activities Center
- Session 3: **BrainPOP**
This presentation will show the many free and subscription features of BrainPOP and the ease of integrating them in the elementary classroom including differentiated instruction.
Lacy Detwiler, Loudoun Country Day School, Room 28
- Session 2: **Smartboard in the LS, Part 1 (Examples)**
In this session, Philip Hunnicutt, second grade teacher and technology aide, will show examples of how to use the Smartboard and Notebook software across the curriculum. He has been using a Smartboard daily for the last 4 years. You will leave with some good ideas of how to make the Smartboard a part of your everyday teaching.
Philip Hunnicutt, Collegiate School, Room 29
- Session 3 & 4: **Smartboard in the LS, Part II (Hands-on)**
In this session, Philip Hunnicutt, second grade teacher and technology aide, will give instruction on how to build a lesson using the Notebook software. Participants will then be able to work with their lesson on an actual Smartboard in a Collegiate classroom. This would be a great session for teachers trying to find out how easy using this technology would be.
Philip Hunnicutt, Collegiate School, Room 8
- Session 4: **Wikis, Blogs, and More...Oh My!**
Don't fall into the trap of using technology simply for the sake of technology! Although it can seem overwhelming and one more thing on your to do list, creating a wiki or blog for your students is well worth the time and effort. We will share our wikis and blogs (1st and 5th grade) and then help you set up your own. Instead of WHY should I use these tools, ask yourself WHY NOT? Let us prove they are worth it, and then help you along the way.
Christie Wilson and Carrie Hoge, St. Christopher's School, Room 28
- Session 2: **Math Alive!**
Experience 21st Century technology that will engage and motivate students in mathematics. With RM Education's software, teachers can create a student-centered, interactive learning environment. K-12 live lessons in RM EasiTeach, Singin' & Signin', and RM Math Framework,

a digital curriculum of over 4, 000 lessons, activities and presentations correlated to NCTM standards will be demonstrated.

Ed Weiner, RM Education, [Room 27](#)

LS/MS Teachers

- Session 1: **Hyperstudio in a Peer Mentoring Program**
Learn how to create a Hyperstudio project from a children's picture book. Create a paper storyboard as a template, then move onto computers & Hyperstudio to create an interactive presentation that can be used in a peer mentoring program
Patricia Kidder, The Hill School, [Room 20](#)
- Session 1 & 2: **Smart Board in the Foreign Language Class**
The presentation will focus on the use of the Smartboard for foreign language learning as a powerful tool to engage learners visually and promote active participation and interaction in the classroom. The session will provide practical training on the use of the Smartboard with hand-outs to get new users started or refresh skills for those who have already had the opportunity to work with this medium. The latter part of the session will consist of hands-on practice so that all participants can create a start-up lesson that they can later build-up and implement in their own classrooms. (NOTE: All examples will be given in Spanish).
Mary Tapia, Collegiate School, [Room 8](#)

MS Teachers

- Session 1 & 2: **Google Docs in 4th and 6th Grade**
Kate and Debbie are two classroom teachers at Collegiate School and both have been using Google Docs for student writing this year. Come and hear how they have managed docs in their classrooms and how it has improved the writing process. After a discussion of how it is used in the classroom, participants will have a guided exploration of to Google Docs and the opportunity ask questions
Kate Featherston and Debbie Miller, Collegiate School, [Room 16](#)
- Session 4: **Student Clickers and Interactive Whiteboards in a MS Math Class**
This session will introduce the idea of using an interactive response system for assessment and as a way to improve and guarantee student participation, and to guide lesson planning. With student response systems, immediate feedback is easily available from all students on the pace, content, and understanding of the class concepts. This feedback allows the teacher to better determine whether and how to extend, clarify, or review the material and presents the students with authentic information concerning his or her own mastery of the concepts.
Christy Foster, Collegiate School, [Room 26](#)
- Session 2: **Creating a Hyperstudio Presentation**
This session will show two levels; one level (4th grade) presents a template to novice Hyperstudio users who then create a presentation project on an animal they have selected from a field trip; the other level (7th grade) has more leeway to create their own Hyperstudio presentation on an animal they have selected to study.
Patricia Kidder, The Hill School, [Room 20](#)
- Session 2: **The Role of Visual Collaboration in the 21st Century Classrooms**
Today we have the greatest tool to fall into a teacher's hands since chalk: technology. With this incredibly powerful tool we have been able to directly connect with students from around the globe, using their own personal experiences to enrich the lives and knowledge of our students. Learn all steps on how to implement visual collaboration into the curriculum, technical, and procedures that facilitate the process of videoconferencing to throw down the

walls of our classrooms and create a new flat classroom, making it so that our students will have access to almost any corner of the world without having to leave their seats.

Elena Meschieri, The Langley School, [Room 24](#)

Session 3 & 4: **Create a Ning for Your Class**

Learn to create a Ning for your classes by participating in this hands-on workshop on uses of a free social networking site with students. See examples of Nings used with middle school computer and history classes, upper school English classes, and with a K-12 faculty. During this workshop each person will join a Ning; customize a page; create and add images, video, and music; create and write in forums; create and publish blog entries; and comment on the posts of others in the workshop. In addition, participants will receive instruction and hints on managing a Ning with student members.

Nancy Reed, Collegiate School, [Room 20](#)

MS/US Teachers

Session 3 & 4: **Digital Storytelling with iMovie**

See examples of a 7th grade PSA using the Digital Storytelling concepts. Create your own digital story using provided elements during hands on time

Amy Brudin and Ann Wicks, St. Anne's-Belfield School, [Journalism Room - SAC](#)

US Teachers

Session 1: **Google Sites in the US Science Class**

Come see how one teacher is using Google Sites in a science classroom for communication, classroom management, homework tutorials, and lab data collection. Possible uses of Google forms, blogs, and wikis will be explored.

Jim Bledsoe, Collegiate School, [Room 24](#)

Session 1: **Creating Global Learners**

In an era where global connections are possible through technology use, how can we create authentic lessons that open the world to our students? This conversation style session will be a place to share ideas of how to integrate global projects into our classes. Bring your own ideas to share and we will create a book of great ways to break down the walls of our classroom.

Carey Pohanka, Fredericksburg Academy, [Room 26](#)

Session 3: **Technology in the US Math Class**

Alexandra will share examples and strategies of using a smartboard, graphing calculators, and Geometer SketchPad in math classes.

Alexandra Spitzer, Collegiate School, [Room 24](#)

Session 4: **Interactive Whiteboards in Foreign Language**

Presentation will focus on creating lessons on these boards that make learning enjoyable and more meaningful to students. Several sample lessons will be demonstrated through audience participation. These samples will exhibit ways of introducing new vocabulary and grammar, as well as methods of using the boards for speaking, listening, reading, and writing activities. Participants will also have the opportunity to obtain some game templates, which can easily be edited to use in their own classrooms. Handouts and CD-ROMS will be provided.

Monique Voss, Collegiate School, [Room 24](#)

Session 1 & 2: **Smart Boards and Their Software Programs**

This hands-on session will focus on creating lessons, activities, and games on the Smart Board that make learning enjoyable and more meaningful to students. Participants will

practice creating some basic Smart Board pages and templates using Smart Board Notebook software, and have actual access to a Smart Board to try out their newly created lessons. Handouts will be provided.

Monique Voss, Collegiate School, Room 9

- Session 4: **Google Apps in the History Classroom**
Come see how teachers at BRVGS are using Google Apps for Education in the history classroom – all disciplines are invited!
Sallie Hill, Kristen Dexter, Marc Carraway, Blue Ridge Virtual Governor's School, Room 25

Librarians

- Session 1: **Applications in the Lower School Library**
Applications used in a classroom setting, ex. Inspiration, Tux Paint
Ann Van Deusen, Burgundy Farm Country Day School, Room 29
- Session 3: **Technology and Library in the 21st Century -- Defining Roles**
The roles of Librarians and Technology Coordinators in a school - one team? Adversaries? Separate worlds?
Ann Van Deusen and Joe Peacock, Burgundy Farm Country Day School, Room 29

Technology Coordinator

- Session 3: **Considering Google Apps for Education**
This session will look at the administrative and cultural issues of implementing Google Apps for Education. Topics will include initial discussions with faculty, staff, and students, beta testing, training, and lessons learned.
Jamie Britto, Patty Sinkler and Frank Becker, Collegiate School, Mark Outten, Blue Ridge Virtual Governor's School, Room 25
- Session 3: **Disrupting Class 101**
This session will give participants an overview of the main ideas of the book, "Disrupting Class." It will focus on the theories of disrupting innovation and how they apply to independent schools and student learning. Moving from theory to practice, the session will examine the link between increases in technology and the ability to provide mass customization through tutoring programs, online courses, and blended learning. If participants would like to explore these ideas before the session it is recommend that they read chapter 1 and chapter 7 from the book.
David Colon, Collegiate School, Room 27
- Session 4: **Disrupting Class 102**
The session follows Disrupting Class 101, and will include a videoconference question and answer period with Michael Horn, one of the authors of the book.
David Colon, Collegiate School and Michael Horn, Innosight Institute, Room 27
- Session 1 & 2: **Using Social Networking Tools to Build your Personal Learning Network**
This hands-on workshop will introduce you to a variety of social networking tools such as Twitter, Facebook, nings, blogs, and wikis, all of which serve to help build one's customized personal learning network. (PLN) During this workshop, you will hear personal stories from teachers who have found success using social networking tools to enhance their learning. You will also have the opportunity to sign up for accounts at these various networks and be guided in getting started using these tools to build your own PLN.
Karen Hurd, Collegiate School, Middle School – Room 20

- Session 4: **The Apple Snow Leopard Wiki Server**
 Apple's Snow Leopard Server includes an upgraded Wiki server which provides a very user-friendly platform for teacher and student-created wikis and blogs. It can easily be joined to a school's existing directory system (Windows Active Directory or Apple's Open Directory), making it easy to set access permissions for users and groups in the directory (or outside guests). This workshop includes a presentation of how the server is set up and the steps involved in creating wikis and blogs and assigning user permissions, followed by a case-study on how this system was used last year at Collegiate School.
Joe Peacock, Burgundy Farm Country Day School, Patty Sinkler, Collegiate School, Room 19
- Session 2: **Selecting an Emergency Notification System**
 This session will cover the considerations technology and communications departments should be mindful of when selecting an Emergency Notification System for their school.
Hiram E. Cuevas, St. Christopher's School, Room 19

Network Administrators

- Session 4: **Migrating to Google Apps for Education**
 This session will look at the technical details of setting up a Google Apps for Education domain for your school. Topics will include the application process, a recommended timeline, DNS issues, bandwidth implications, and advanced account options.
Oscar Brinson and Dave Sherman, Collegiate School, Room 30
- Session 3: **Lowering the Costs of Phone and Data Services**
 Oscar will share the strategies he used to reduce his school's phone and data bills. He'll review the advantages and disadvantages of analog and digital phone systems, suggest strategies for negotiating and structuring contracts, look at ways to evaluate your current systems, as well as explore the benefits of working with consultants.
Oscar Brinson, Collegiate School, Room 30
- Session 2: **Effects of Converging Technology on Your Existing Network Cabling Infrastructure**
 As IP networking becomes the preferred method of interconnecting all technology, questions arise about the ability of existing cable infrastructure to support these new systems. In this session we will address some common questions about cabling systems such as: What is my existing copper and fiber cabling capable of supporting? When is an upgrade necessary? What type of cabling should I install to support the future needs of my school?
Jim Dempsey, Seacom Communication System, Room 30
- Session 1: **Cisco Connected Learning: A Blueprint for Schools and the 21st Century Classroom**
 The presentation would be a discussion regarding aspects of the campus including Energy Wise, campus safety and security, voice and collaboration solutions, digital media, mobility and efficiency where IT staff is typically limited. The topic can be modified based on the audience and overall theme of the retreat.
Patrick Miller, SyCom Technologies, Room 30
- Session 3: **Virtualization – Servers, Desktops & Infrastructure Monitoring Based on Open-Source Tools**
 St. Catherine's has reduced the amount of physical servers from approximately 25 down to six by converting to a virtualized environment. We've also gone from 30 standalone workstations across our libraries down to 30 thin client terminals, powered by three virtualized hosts, reducing maintenance time as well as lowering power consumption. We're utilizing open-source management/monitoring tools to monitor the environment with up/down notifications.
Kory Mohr, St. Catherine's School, Room 19

School Leaders

Session 1: **Cyber Safety for the School Community "Danger, Danger, Will Robinson!"**

What the Robot didn't know was that the 21st Century's danger would be found in the cyber world. It's how we inform, educate, and communicate with our school community that can create the right atmosphere to produce a safe and knowledgeable use of technology for our students both at school and at home.

Jim Astrove, St. Catherine's School, Room 25

Session 2: **Technology and College Counseling**

This session will introduce the types of technology required to run today's College Counseling office. It will show effective use of software both PC and Web-based that streamline communications and increase productivity given the smaller size of college counseling staff offices.

Brenda Barr, Randolph-Macon Academy, Room 25

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