



Bring Your Own Technology

Keeping up with technology of the world

by Roger Minier, Ph.D.



How do we prepare students for the REAL world? By not just allowing but *encouraging students* to use the technology they already own, during AND after school.

Research is showing 80% of students in most districts already have access to communication and information technology 24/7 – except during class.

Even emerging countries like China and India are preparing to teach millions of their students to use cell phone and iPad-like devices for online information and communication. We, however, have been slow to adopt these technologies as part of our learning resources.

It IS time – NOW – to take advantage of these tech tools to prepare OUR students for college and job-ready skills, and life skills as well.

How to begin?

- Establish district policies supporting use (see article below).
- Help teachers understand the tech skills expected in college and on the job.
- Provide alternatives for students who do not own their own tech.
- Start slowly, expanding as your capacity grows.
- Evaluate, and continue to develop YOUR students' 21st Century skills.

For further information on this topic, to arrange a presentation for your leadership and staff, or for help with selection of resources (many of the best are FREE) and professional development at all levels of the process, contact us at 800-966-9638, or send email or text to nwoet@nwoet.org.

Five BYOT Policy Recommendations

One-to-one computing or Bring Your Own Technology (BYOT) – where every child has access to communication and information tools like cell phones and the Internet – is quickly becoming reality. Does your AUP (Acceptable Use Policy) address each of these issues?

1) Use of school network – Typically students will be required to make use of the district wireless network, which leverages your existing filters and tracking and helps avoid compliance issues.

2) Text and data charges – The district is NOT liable for any text or data use charges which may occur IF students use their own network. NOTE: This is a good place to re-affirm options for those students who are not able to BYOT.

3) Insurance – Devices brought to campus must be insured for loss or damage. Self-insurance through a student-use fee is an option seen in some districts, while others may require proof of insurance.

4) Require sharing – The device, as well as data and information gathered, must be shared as directed by the teacher whenever the device owner is part of the activity or assignment.

5) Use zones – Each campus area must be clearly marked regarding allowed use of students' technologies, understanding the location's 'zone status' may change.

Now is the time to take advantage of the technology your students already own. For more information, or help developing classroom policies and lessons which take advantage of BYOT, contact us at NWOET.

80 HOURS in your District

40 or 80 Hours CORE PD + Needs Assessment



This program includes designing and implementing the perfect technology professional development plan based on your district's instructional goals, teacher needs and current district technology using data collected from your district.

NWOET will work hand-in-hand with your administrator(s), technology coordinators and teachers to develop a professional plan that will optimize your current district technology. Once developed, professional development will be provided to your district, followed by an evaluation of the plan.

The Program Includes:

- ▶ 21st Century Instructional Needs Assessment
- ▶ Professional Development Needs Assessment
- ▶ Development of District Implementation Plan
- ▶ 40 or 80 Hours in District Professional Development
- ▶ Summary Evaluation and 'Next Steps' Document

Call 1-800-966-9638 for more information.

Ohio eTech Ohio Educational Technology Conference 2012

Feb 13-15, 2012

Greater Columbus Convention Center Columbus, Ohio

Next Generation Innovation

www.etech.ohio.gov/conference/index.dot

2011-12 NWOET Professional Development

You are encouraged to **BYOD (Bring Your Own Device)** whenever possible.

Phone: 800-966-9638

Email: nwoet@nwoet.org

Web: www.nwoet.org/coursework/prof_dev.asp

Course/Contact Hours <i>See <www.nwoet.org/coursework/prof_dev.asp> for course descriptions.</i>	Date/Time/Location <i>(NWOET Tech Lab, except as noted)</i>	Professional Development Fees <i>(includes materials)*</i>				
		NWOET Comp. Members	NWOET Basic Members	Non-Members		
2 1/2 Google Training Series <i>(5 contact hours)</i>	Google Apps Overview – Docs, Google Earth, Maps, SketchUp, Calendar, Translate, & more	Thurs., Mar. 1, 9 a.m.-3 p.m.	\$129	\$149	\$259	
	Google Docs Basics – Forms, Documents, Spreadsheets, Presentations, Drawings	Thurs., Jan. 5, 9 a.m.-3 p.m. Thurs., Feb. 2, 9 a.m.-3 p.m.				
	Google Forms and Spreadsheets – Custom surveys & self-correcting forms + the ins & outs of the Google spreadsheet	Tues., Dec. 6, 9 a.m.-3 p.m. Fri., Feb. 24, 9 a.m.-3 p.m. Mon., Mar. 19, 9 a.m.-3 p.m.				
	Designing Web Sites with Google Sites – Come away with your own easy-customizable Web site	Mon., Dec. 12, 9 a.m.-3 p.m. Mon., Jan. 9, 9 a.m.-3 p.m. Thurs., Feb. 16, 9 a.m.-3 p.m. Thurs., Mar. 15, 9 a.m.-3 p.m.				
	Exploring Google Earth & Maps – Classroom applications, creating tours, activities, & more	Wed., Mar. 21, 9 a.m.-3 p.m.				
2 1/2 Interactive Whiteboard Series <i>(5 contact hours)</i>	SMART Board Basics	Tues., Dec. 20, 9 a.m.-3 p.m. Wed., Feb. 1, 9 a.m.-3 p.m. Wed., Mar. 14, 9 a.m.-3 p.m.	\$129	\$149	\$259	
	SMART Board Integration Strategies	Tues., Jan. 17, 9 a.m.-3 p.m.				
	Mimio Basics	Thurs., Jan. 12, 9 a.m.-3 p.m. Tues., Mar. 20, 9 a.m.-3 p.m.				
	Mimeo Integration Strategies	Wed., Feb. 22, 9 a.m.-3 p.m.				
	Promethean ActivInspire Basics	Thurs., Dec. 15, 9 a.m.-3 p.m. Thurs., Jan. 18, 9 a.m.-3 p.m.				
	Promethean ActivInspire Integration Strategies	Tues., Feb. 21, 9 a.m.-3 p.m.				
2 1/2 iOS App Series (iPad, iPod touch, & iPhone) <i>Note: Must have ability to download recommended apps to device – bring Apple ID and password.</i> <i>(5 contact hours)</i>	Productivity with iOS Apps (Pages, Keynote, Numbers, notetaking apps)	Thurs., Dec. 8, 9 a.m.-3 p.m. Thurs., Feb. 9, 9 a.m.-3 p.m.	\$179	\$199	\$309	
	iOS Apps for Administrators (Pages, Keynote, Numbers, survey apps) <i>(Includes \$50 iTunes gift card to purchase apps)</i>	Wed., Dec. 14, 9 a.m.-3 p.m. Wed., Mar. 7, 9 a.m.-3 p.m.				
	Creativity with iOS Apps (GarageBand, iMovie, photo editing apps) <i>(Includes \$50 iTunes gift card to purchase apps)</i>	Wed., Jan. 25, 9 a.m.-3 p.m. Tues., Feb. 28, 9 a.m.-3 p.m.	\$154	\$174	\$274	
	Communicating & Publishing with iOS Apps (Facetime, Skype, creating ePub books, podcasting & other communication strategies) <i>(Includes \$25 iTunes gift card to purchase apps)</i>	Mon., Nov. 21, 9 a.m.-3 p.m. Mon., Dec. 19, 9 a.m.-3 p.m. Mon., Feb. 27, 9 a.m.-3 p.m.	\$144	\$164	\$265	
	Collaborating with iOS Apps (includes digital storytelling & cloud computing apps) <i>(Includes \$15 iTunes gift card to purchase apps)</i>	Thurs., Mar. 22, 9 a.m.-3 p.m.				
	Critical Thinking with iOS Apps (Storykit, Puppet Pals, problem-solving, reference apps) <i>(Includes \$15 iTunes gift card to purchase apps)</i>	Wed., Dec. 7, 9 a.m.-3 p.m. Tues., Jan. 31, 9 a.m.-3 p.m. Tues., Mar. 6, 9 a.m.-3 p.m.	\$144	\$164	\$265	
	Differentiating Instruction with iOS Apps (use of podcasts, creating podcasts) <i>(Includes \$15 iTunes gift card to purchase apps)</i>	Thurs., Nov. 17, 9 a.m.-3 p.m. Wed., Jan. 11, 9 a.m.-3 p.m. Thurs., Mar. 8, 9 a.m.-3 p.m.				
	Reading with iOS Apps (various ereading & book apps – both free and low-cost) <i>(Includes \$15 iTunes gift card to purchase apps)</i>	Wed., Feb. 8, 9 a.m.-3 p.m.	\$144	\$164	\$265	
	2 1/2 Mac Basics: 3-part Series <i>(6 contact hours certificate)</i>	Making the Most of My Mac Why Does My Mac Do That? Maximizing Your Mac	Tues., Dec. 6, Tues., Dec. 13 Thurs., Dec. 15 4-6 p.m., Toth Elementary, Perrysburg	\$75	\$95	\$150
		Making the Most of My Mac Why Does My Mac Do That? Maximizing Your Mac	Tues., Jan. 10 Thurs., Jan. 12 Thurs., Jan. 19 4-6 p.m., NWOET Lab			



7a Media and Information Resources in 21st Century Schools - ONLINE (45 contact hours certificate issued - grad. credit available**)	100% ONLINE You can register and begin work on the modules <u>anytime</u> . Graduate registration deadline is March 30.	\$159	\$159	\$159
7a Online Classroom Resources: Focus on INFOhio & more (4 contact hours)	Tues., Feb. 21, 9 a.m.-1 p.m., at Mid-Ohio ESC, 890 W 4th St, Mansfield	FREE registration for ALL educators in Ohio schools!		
7a Preparing for Digital Blended & 1:1 Learning (5 contact hours)	Fri., Dec. 16, 9-11:30 a.m., 12:30-3 p.m. Mon., Jan. 23, 9-11:30 a.m., 12:30-3 p.m.	\$129 full-day \$69 half-day	\$149 full-day \$79 half-day	\$259 full-day \$139 half-day

Registration must be received 2 weeks prior to the first class unless noted otherwise.
MUST HAVE MINIMUM ENROLLMENT FOR TRAINING TO BE HELD. DECISION TO HOLD TRAINING MADE TWO WEEKS IN ADVANCE OF TRAINING DATE.
 Cancellation Policy: There is no charge if your registration cancellation is received at least 2 weeks prior to start of class. Graduate course fee refunds follow the university policy.
 Unless noted, trainings will be held at NWOET, 245 Troup Ave., Bowling Green. Call 800-966-9638 for more information.

* All fees are payable to NWOET by check, major credit card, cash, or district purchase order at time of registration. Professional development option/no credit desired: PD Certificate is available for all trainings on request at no additional charge. **Graduate credit is available - call for more information.

Course Descriptions

Google Training Series

Learn how others are using Google tools for educators to enhance their classroom instruction.

Interactive Whiteboard Series

NWOET offers a variety of trainings on the use of interactive whiteboards focusing on making effective use of these teaching tools in the classroom. Trainings on three manufacturers' boards are offered at two levels.

iOS App Series (iPad, iPod touch, & iPhone)

Note: These trainings will be most beneficial if you can bring along one or more of these devices and have the ability to install the recommended apps for each session. In this series, you can learn now to use a multitude of free and low-cost iOS apps in new and effective ways to touch and explore these innovative 21st Century mobile technologies.

Learning for the Digital Age

Learn what 4 skills are critical for 21st Century teaching, learning, and life in this fast-paced overview. This training will include hands-on activities with technologies that support these 21st Century skills. Date TBD.

Mac Basics: A 3-Part Series

Making the Most of My Mac - The best features of your new Macintosh laptop using the software which was included FREE with your computer, plus Internet searching tips.
Why Does My Mac Do That? - Avoiding problems plus tips for common tasks like communicating with friends and co-workers.
Maximizing Your Mac - How to use the advanced features like the built-in camera, having the computer read ANY text message to you out-loud, creating your own searchable instructional video, image or music library on the computer, and much more!

Media and Information Resources in 21st Century Schools - 100% Online!

Learn how additional modes of technology can be utilized to enhance the way classroom instruction is delivered with hands-on activities to develop a variety of technological skills to support classroom curriculum technology integration incorporating 21st Century skills. Participants will complete a minimum of 18 modules to receive one semester hour of graduate credit.


Online Classroom Resources: Focus on INFOhio & more

NWOET is one of 16 recognized INFOhio certified coaching centers in Ohio. A series of hands-on trainings on the resources INFOhio has to offer Ohio schools as well as other FREE online resources like the new LearningMedia from PBS. Free registration for all educators in Ohio is made possible by a grant from INFOhio.

Preparing for Digital Blended & 1:1 Learning

Morning Session - Discover the 10 elements of quality for digital learning, what "blended" instruction really means, and how to begin blended instruction using FREE resources already available to all Ohio schools. Also, you will see a demonstration showing why EVERY homework assignment must consider the 'Power of Google'.

Afternoon Session - Explore the instructional, technical and policy issues of 1:1 learning when students bring their own technology to class. You will receive sample policies, hear the 5 questions you MUST answer before starting, and discuss recommendations for a phase-in of BYOT.



Mac Basics


Do you feel as if you aren't getting the most from your Macintosh computer? Want to be more productive? Want to impress others with your skills?

Attend this 3-part series to find out everything about your Mac and earn a 6 contact hours certificate.
 Look for dates, times and locations on the Professional Development chart on page 2, and descriptions on page 3.

Making The Most Of My Mac

Why Does My Mac Do That?

Maximizing Your Mac



Series Cost
 NWOET Comp Members: \$75
 NWOET Basic Members: \$95
 Non-members: \$150

learning for the digital age

Learning for the Digital Age is a professional development initiative for Ohio's K-12 administrators and teachers that explores the role of technology in supporting critical thinking, problem solving, teamwork and communication — the skills students need to be effective in today's classroom and tomorrow's workplace. This statewide collaboration provides high-quality interactive training for educators to help students use technology to master these essential skills for success throughout life.

Look for more information about these free and low-cost classes online beginning December 1 at www.nwoet.org/breakingnews.

Featured Online Resources from JT

Focus on Math

Mangahigh

http://www.mangahigh.com/en_us/

Mangahigh is a game-based, online K-12 math teaching resource designed for use in a school context and relies on the teacher to



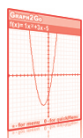
direct and control the math learning experience for students. It offers

sophisticated problem-solving pedagogy, not rote learning! Check it out.

Math4Mobile Applications

<http://www.math4mobile.com/>

For both smartphones or computers – these are five FREE Java (J2ME) applications that are designed to help students learn intuitively about mathematical concepts in different fields using your mobile phone or



computer. These apps can be downloaded to Android phones (sorry, but they won't work on the iPhone), Windows computers, or tried online at the Live Demo page (this works on most Macs).

Focus on Multimedia

PBS LearningMedia: Available to Every Classroom in 2011-2012

<http://pbslearningmedia.org>

As America's largest classroom, PBS and WGBH, along with other PBS member stations, just launched PBS LearningMedia, a new public media education platform available to every teacher and student across the country in time for the 2011-2012 school year. Bringing together the best available high-quality media from 1,500 public media producers and more

than 350 local PBS stations, PBS Learning-



Media is a next-generation digital media platform for PreK-16 classrooms to help re-imagine classroom learning, transform teaching, and more creatively engage students.

Registering for an account allows full access to the free basic digital media service. The service is freely available to educators as a basic service that can be enhanced with premium solutions for schools and districts—designed for seamless media integration and customization. This new resource will hold all the content currently in Teachers' Domain plus more!



Professional Development PLUS Equipment

In each of these trainings, the cost of the technology tool is included in the training price as well as all materials.

Registration fee or district purchase order must be received at least 3 weeks prior to the event date in order to ensure delivery of the equipment for the training. However, registrations are accepted up to the time of the training as space allows. NWOET cannot be held liable for late delivery or back order of equipment. NWOET reserves the right to pass through any equipment price increases if vendor prices rise significantly after the NWOET SCANNER News goes to press.





Many districts have determined that grant funds may be used for professional development packages that include technology equipment, as well as NWOET membership that includes professional development services. However, it is the responsibility of the district to verify eligibility for use of these grant funds.

Note: NWOET can offer other technology equipment, including volume purchases, other than those listed below as part of training packages. Call Judy Tucker, NWOET Assoc. Director for Professional Development at 800.966.9638 for details and a quote on a custom training package. These trainings can take place in our lab or at your site and scheduled at a time convenient to your school's needs.

BYOD Option: Already have the technology? Just need the training? You are welcome to attend the equipment trainings with your device. Just call 800-966-9638 for price and to register.

Call 1-800-966-9638 for larger quantity pricing.

Comprehensive members can bring a friend for FREE!

TNT: TECHNOLOGY 'N' TRAINING Cost includes equipment and training! (Comp. members - \$129 for each additional participant beyond 2) (Basic members - \$149 for each additional participant)		NWOET COMP. MEMBER	NWOET BASIC MEMBER	NWOET Tech Lab 9 a.m.-3 p.m.
Apple iPad 2  	1 16GB Apple iPad 2 (Wi-Fi model), 1 iTunes gift card (Other iPad models can be substituted. Call for pricing.)	\$659	\$689	Fri., Nov. 18 Tues., Dec. 13 Tues., Jan. 24 Wed., Feb. 29 Wed., Mar. 28
Apple iPod touch  	1 32GB Apple iPod touch, 1 iTunes gift card	\$459	\$489	Wed., Nov. 16 Fri., Jan. 27 Tues., Mar. 27 Wed., May 9

* Non-members, call for pricing.

NWOET does not sell technology equipment without accompanying professional development. If you do not see the type or model of equipment listed that meets your needs, please feel free to contact Judy Tucker, NWOET Assoc. Director of Professional Development at 800-966-9638, to discuss your options for customized training plus equipment for your unique technology needs.

2011-12 Holiday Closings

Nov. 11, 2011 (Friday): Veterans' Day

Nov. 24 & 25, 2011: Thanksgiving

Dec. 26, 2011 – Jan. 2, 2012: Christmas Break

Jan. 16, 2012: Martin Luther King, Jr. Day

Media request that are called in to our office must be received by Dec. 19, 2011 for delivery the first week of Jan. 2012.

Regular office hours will resume on Jan. 3, 2012, Monday-Friday, 8 a.m. to 4 p.m.



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