

Tech Conference A Success!

1. Tim O'Donnell (left) was named the B.E.S.T. Award recipient at the 2002 Tech Conference held at Wapakoneta High School. Gregg Smith (right) of B&J Photo of Findlay, Ohio, presented him a digital video camera.

O'Donnell is 26 year science teacher whose students are eager to learn tough chemistry and physics applications through the use of technology which ultimately improves proficiency test scores.

Be watching the January issue of NWOET SCANNER for details on next year's contest.

Congratulations, Tim!

2. Dr. Annette Lamb addresses participants at Tech Conference 2002, held at Wapakoneta High School Oct.18, 2002. Dr. Lamb's presentation was "Join the Beam Team: New Frontiers in Teaching & Learning.

3 & 4. Robert Askins, Wapakoneta Schools, (left) displays his door prize, an Epson Stylus printer, while Charlene Wilhelm, Fremont City Schools (right) displays the RCA VCR. door prize. Both door prizes were donated by exhibitors at Technology Conference 2002.

5. Hundreds of teachers from Northwest and West Central Ohio gather at the 2002 Technology Conference held October 18, 2002, at Wapakoneta High School.

Next years Tech Conference will be held at the Clyde Green Springs High School in Clyde, Ohio on October 20, 2003. Be watching future NWOET SCANNERS for details.



Table Of Contents

Using Digital Cameras in the Classroom.....	2
Ohio Statewide Science Workshop	2
Reading Rainbow Schedule	2
Video Technique Crash Course.....	3
Media Center News.....	3
NWOET at SchoolNet Technology Conference	3
NWOET Professional Development Opportunities.....	4
NWOET Website has New Look	6
Master of Education in Classroom Technology	6
Tuesday Specials at NWOET	7
eLearning Takes Off in Northwestern Ohio	7
Thursday Specials Broadcast Schedule	8

2002-2003 Holiday Closings

Veterans' Day - November 11, 2002
 Thanksgiving - November 28 & 29, 2002
 December 20, 2002 (Limited Services)
 December 23 - January 3, 2003 (Regular office hours will resume on January 6, 2003, 8:00 a.m. - 4:30 p.m.)
 Martin Luther King Day - January 20, 2003
 Memorial Day - May 26, 2003

Media requests must be received by December 16, 2002 for delivery during the first week of January 2003.



Using Digital Cameras In Your Classroom

Donna M. Dick

Digital cameras are being used to document field trips, assemblies and classroom activities, but have you ever thought of using it to reinforce content areas and skills? The camera can be put in the hands of a student to introduce, teach and remediate skills. A camera can open up the eyes of a child, allowing them to make connections between nature, objects and patterns found in our world and the concepts being taught in the classroom. Once taken, the digital images can be presented in different formats such as books, slide shows, bulletin boards, posters, or web pages.

The first step in making use of a digital camera in your classroom is to examine your content or subject matter and look for ways that digital images could enhance what the students are learning. For example, one teacher used the digital camera while helping her students learn about plant growth in beans. Students photographed the development of their seeds, made drawings and kept notes of the process. Another math teacher used digital cameras to reinforce geometry terms. Student groups were given a list of terms that included geometric shapes and terms associated with parallel lines and angles. Students were then sent on a scavenger hunt around the campus to search for images of geometric shapes to be included in a booklet to help them understand their course vocabulary. An English teacher had students use six digital photos as a basis to write a story. The ways of using digital cameras in the classroom are endless.

It is a good idea to give students some introductory instruction in the use and care of a digital camera, as well as some photo composition tips before the lesson. This will alleviate many problems, pictures will come out better, and your project should run smoother.

To learn more about digital photography sign up for the "Holiday Digital Photography" workshop being offered here at NWOET in November, and look for new classes in digital photography being offered here in the future.



Ohio Statewide Science Workshop 2002-2003

Get ready to kick-off Ohio's Centennial of manned flight in 2003 with OSSW! This year NWOET, WBGU, and COSI will be presenting, once again, the Ohio Statewide Science Workshop 2002-2003. This year's show is entitled AeroDynamic Science and should be a great mix of education and entertainment. The live 29 minute program will air November 13, at 1:00 p.m. on Channel 27, WBGU-TV.

COSI's Ohio Statewide Science Workshop effort began in 1989 as a way to commemorate 25th anniversary of COSI. What better way to celebrate 25 years of hands-on science, learning and fun than to share science activities and supplies with students and teachers across the state. Their efforts met with such enthusiasm that the program has been continued as an annual event. The goal of OSSW will always be to bring the thrill of powerful hands-on, inquiry-based learning to every classroom in Ohio. Go to <http://www.cosi.org/ossw> for more information.



Reading Rainbow Schedule

(Shown at 12:30 -1:00 p.m. Monday-Friday)

- 11/04/02 Meanwhile Back At The Ranch
- 11/05/02 The Legends Of The Indian Paintbrush
- 11/06/02 My Little Island
- 11/07/02 The Bionic Bunny Show
- 11/08/02 Bugs
- 11/11/02 The Robbery At The Diamond Dog Diner
- 11/12/02 The Gift Of The Sacred Dog
- 11/13/02 Brush
- 11/14/02 The Purple Coat
- 11/15/02 Barn Dance!
- 11/18/02 Duncan And Delores
- 11/19/02 Knots On A Counting Rope
- 11/20/02 Mummies Made In Egypt
- 11/21/02 Humphrey The Lost Whale: A True Story
- 11/22/02 Stay Away From The Junkyard!
- 12/02/02 Bored - Nothing To Do
- 12/03/02 Mrs. Katz And Tush
- 12/04/02 Sports Pages
- 12/05/02 Jack, The Seal And The Sea
- 12/06/02 The Bicycle Man
- 12/09/02 Florence And Eric Take The Cake
- 12/10/02 The Paper Crane
- 12/11/02 Sunken Treasures
- 12/12/02 The Adventure Of Taxi Dog
- 12/13/02 Galimoto
- 12/16/02 Fox On The Job
- 12/17/02 Opt: An Illusionary Tale
- 12/18/02 Raccoons And Ripe Corn
- 12/19/02 Kate Shelly And The Midnight Express
- 12/20/02 Snowy Day: Stories And Poems
- 01/06/03 The Furry News: How To Make A Newspaper
- 01/07/03 Borreguita And The Coyote
- 01/08/03 The Salamander Room
- 01/09/03 Silent Lotus
- 01/10/03 If You Give A Mouse A Cookie



Video Technique Crash Course

by Gerry Davis

It was with some trepidation when we finally decided to offer our first "Video Technique Crash Course." While we knew we would have an audience, we weren't exactly sure of its size. The thought of four instructors teaching two people might be a bit overwhelming ... at least for the participants. That in conjunction with the day, Friday the 13th, well ...

Needless to say though, things turned out a little better, our two turned into nineteen and rather than having too few participants, there turned out to be a waiting list and a chance to offer it again.

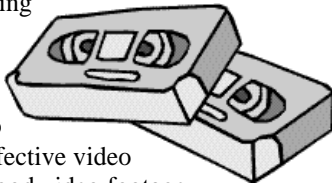
The course rather than focusing on the video editing process, focused on demonstrating

the correct use of the camera and light to produce effective video footage. Good video footage can then be combined with other effects and edited to produce good instruction.

The course was taught with the combined efforts of the NWOET and WBGU staff. The participants had the opportunity to shoot video in a variety of different environments, including the studio.

Following the video shoot, the "directors" then had the opportunity to premiere their works before a live audience, the class. At this point a good-natured analysis of light use, camera angle and, sometimes the acting, took place.

Why are so many people interested in this course? We suspect that it is because teachers have become aware of how inexpensive and easy it is to produce good video instruction. With the advent of digital cameras and low cost editing software, teachers across the country are producing great video to document and share projects throughout their communities. To learn more sign up for Video Crash Course.



Media Center News

by Phyllis Hartwell

I would like to thank all of the teachers who have sent in their email addresses. Confirmations are automatically sent to the email address which helps to keep the cost of postage down. Less spent on postage means there is more funds available to spend on media. If you are not receiving your confirmations through your email, please

consider sending us your email address. It can either be your home or school email. Send to: hartwell@nwoet.org.

When you are online searching the catalog, there is a feature entitled, Medianet Options. When you open this, you will see Display, Update, and General. Under Display, you can look at all of your bookings: past, present, and future. You can also see which items you returned late.

Under Update, you can rebook items that you had in the past, cancel an order that hasn't already been shipped, and extend items that you would like to keep longer. This extension comes to us in the form of an email, and we contact you the same day as to whether it is possible to extend your item and the date it has been extended to. You can also change your password as long as you remember your old password.

Under General, there is a section where you can make comments about a particular item that you have used, positive or negative. There is also a place for you to make recommendations on other items you would like to see purchased for the Media Center. Should you have any questions, contact the Media Center at 800-966-9638 or hartwell@nwoet.org. We will be glad to have a staff member come to your building.

NWOET Sessions At SchoolNet Conference

Ohio educators who are searching for a comprehensive professional development experience should look no further than the fifth annual Ohio SchoolNet State Technology Conference, which will take place at the Columbus Convention Center February 3, 4 and 5, 2003.

NWOET Staff will be conducting the following hands-on sessions at the Ohio SchoolNet Conference in February 2003.

- Inspirational Literacy
- Technology Resources to Support Content Standards
- Video Technique Crash Course

Please direct your comments and questions to NWOET or Program Manager Karen Malcolm at malcolm@osn.state.oh.us or visit www.os.oh.us/stateconf.



Ohio SchoolNet

NEWS SIX "CLASSICS"



View News Six "Classics" from its early years on the first Tuesday of each month from 2:00 - 3:00 p.m.

November 5, 2002

1977-78 Sixth Grade Classes from:

Rising Sun
Gibsonburg
Northwood
Wapakoneta
Wauseon
Hopewell-Louden



NWOET Professional Development Opportunities

Let NWOET help guide your technology professional development towards significant skills in video production and editing, web-page development, interactive video distance learning, and classroom technology resources! Follow the bands of instruction that lead you down the road of technology integration perfection!

MULTIMEDIA BAND

Video Technique Crash Course for the Holidays!

Just in time for the festive season! Capture the best of the holiday season by learning how to professionally line up the shots! At the same time, learn the ins and outs of the professionals to make your classroom videos more than the average home movie in the NWOET course. Lighting, shot selection and composition, storyboarding, sound, and use of the camera will be covered in this one-day workshop. Bring along your video camera or use one of ours.

Graduate Credit: may count 5 contact hours* towards course credit for Classroom Multimedia Production course, registration details available.

- Friday, December 17, 2002;
8:30-3:30 p.m.
Course Location: NWOET Tech Lab,
Bowling Green
Pre-Requisite: None
Workshop Fee: Members - \$50
Non-members - \$100

Holiday Digital Photography

Learn how to use a digital camera and take fantastic holiday pictures that you can use in holiday cards, newsletters, flyers, bulletin boards or on the Web! Participants will learn how to make images look good through the use of computer imaging software and photocomposition! Bring your own digital camera and manual if you have one or use one of ours.

Certificate for 5 contact hours

- Tuesday, December 10, 2002;
8:30 a.m. - 1:30 p.m.
Location: NWOET Tech Lab,
Bowling Green
Pre-requisite: none
Workshop Fees: Members - \$50
Non-members - \$100

Introduction to Dreamweaver

If your school has or is thinking about buying an HTML editor, then this class will get you on the right path. With Dreamweaver, you're ready to make a professional-quality website without spending months learning to code by hand. Not only is it friendly to new users, but it contains tons of high-end features for experienced web authors as well. It's a great package for everyone.

Certificate for 5 contact hours

- Thursday, February 6, 2003;
8:30-1:30 p.m.
Location: NWOET Tech Lab,
Bowling Green
Prerequisite: Novice level technology
skills
Workshop fees: Members - \$50
Non-members - \$100

Adobe Premiere and Adobe After Effects

Use powerful and precise editing tools to create broadcast-quality video productions. Exciting video editing at its best is available at your fingertips. Now you can take the opportunity to delve into the electrifying video editing software of Adobe Premiere and Adobe After Effects. This combination is packed with tons of features that make you look like a pro, yet is basic enough to allow even a beginner to create a high-quality movie production.

Certificate for 8 contact hours

- February 19 & 26, 2002;
4:00-8:00 p.m.
Location: NWOET Tech Lab,
Bowling Green
Prerequisite: Novice level technology
skills
Workshop fees: Members - \$60
Non-members - \$120

Introduction to FrontPage

FrontPage is an HTML editor that has been around for a long time and shows no sign of going away. It's familiar easy to use Microsoft interface make it a great program for beginners and it's advanced features make sure that it is up-to-task for advanced users. If you have been thinking about creating a web page, this is the place to be.

Certificate for 5 contact hours

- Thursday, March 6, 2003;
8:30-1:30 p.m.
Location: NWOET Tech Lab,
Bowling Green
Prerequisite: Novice level technology
skills
Workshop fees: Members - \$50
Non-members - \$100

Classroom Multimedia Production

The focus of this course is to provide many opportunities for hands-on exploration of technology tools in the following classroom technology components: advanced production planning, video production for students, presentation design strategies, comprehension of multimedia format, and post-production assessment methods. Over the course of 30 instructional contact hours, participants will enhance their skills in using technology tools so they will be able to provide advanced technology enriched learning opportunities for their students. Attend all sessions listed below to qualify for 2 semester graduate credit hours.

Graduate credit: 2 semester graduate credits* available through BGSU. Course registration details available on first date of class.

- March 24, 31, April 7, 14, 21, 2003: 4:00-8:00 p.m.
- Location: NWOET Tech Lab,
Bowling Green
- Prerequisite: Novice level technology skills
- Workshop fees: Members - \$225
Non-members - \$450

INTERACTIVE VIDEO DISTANCE LEARNING BAND

Introduction to Distance Learning in the K-12

State Educational Technology Agencies (ETSEO, ITSCO, NWOET, SOITA, WCET, WGTE, WNEO, WVIZ) join forces at the Ohio SchoolNet Technology Conference to provide an excellent opportunity for you to follow a series of sessions that lead to earning one semester graduate credit as you learn fundamental skills in interactive video distance learning for the classroom. As you attend the Ohio SchoolNet Conference, plan to attend a total of 10 hours of contact time focusing on distance learning and pick up the remaining 5 hours contact time in a web-based learning environment. PLUS earn graduate credit from Bowling Green State University (pending approval). For more information about course content and session opportunities, contact Allison Goedde via email [goedde@nwoet.org].

Graduate Credit: 1 semester graduate credit* available through BGSU (pending approval)
Course registration details available.

- February, 3, 4, 5, 2003; mandatory sessions scheduled during SchoolNet conference
 - February 26, 27, 28; 4:00-6:00 pm; conference follow-up; pick one date, one location
 - Licking Area Computer Assoc.
 - WCET, Cincinnati
 - Stark County ESC
 - Lorain County ESC
 - Putnam County IVDL lab
 - Allen East HS
 - Notre Dame Academy, Toledo
- Location: Ohio SchoolNet State Technology Conference, Columbus
- Pre-requisite: none
- Workshop Fees: (conference registration)

Additional Distance Learning Course Opportunity

Attend all dates:

February 11 & 13, 2003; 5:00-8:30pm

Location: Toledo Diocese Catholic Center, Toledo

Follow-up session: February 25, 2003, 5:00-8:00pm

Location: Notre Dame Academy, Toledo

5 hours contact time via web-based instruction

Pre-requisite: none

Workshop Fees: Members: \$150

Non-members: \$300

For non-public school participation.

Additional project areas to be arranged!



Distance Learning in the K-12 Practicum

This is a great opportunity to follow-up on your interest in transforming your learning environment into a learning network through interactive video distance learning. After the successful completion of 30 hours of instruction via interactive video and web-based formats, the participant will demonstrate the ability to schedule content provider events, troubleshoot connections, develop and deliver custom content for remote classrooms, evaluate the effectiveness of distance learning instruction, and much more! Course participants must have completed the introductory component of Distance Learning in the K-12 Classroom to participate in this extended course.

Coming Spring 2003

Watch future issues of NWOET SCANNER for times and locations.

*** "Grant funding provided through NWOET and partner organizations allows these courses to be offered for graduate credit through Bowling Green State University at the reduced cost of \$159 per credit hour + \$8 registration fee. Funding applies to classes for professional development/license renewal but not for classes for degree completion."**

CLASSROOM TECHNOLOGY RESOURCES BAND

NWOET to the Rescue!

We can help you use results of DSL (Data for Student Learning) to raise proficiency test scores by putting a variety of resources at your fingertips. This workshop will feature instruction in the use of the NWOET online media resources, software demonstrations of new videos and software items, and guided software previews to target areas needing improvement. Instruction will also include guidance in the use of the terrific resources available on the Internet and the most effective techniques for the use of all these powerful classroom tools. Choose one date to attend from list to the right! Open to participants who have a DSL account with username and password. Participants are asked to bring this information with them.

Certificate for 3 - 5 contact hours

- Thursday, December 12, 2002;
4:00 p.m. - 7:00 p.m.
 - Friday, January 31, 2003; 8:30 a.m. - 1:30 p.m.
- Location: NWOET Tech Lab,
Bowling Green
Pre-requisite: DSL account username
and password
Workshop Fees: Members - \$50
Non-members - \$100

Inspirational Literacy

Looking for ways to help students who struggle and struggle to write a paragraph, paper or report? Learn how concept mapping using Inspiration can help these struggling writers. By providing students with a framework to organize their thoughts and ideas they will learn how to create a well-organized piece they can be proud of. Participants will be shown a number of lesson plans that align with the new Ohio Language Arts Standards. Examples such as writing a mystery story, a persuasive essay, a research report and a poem analysis will be shown. Participants will also learn how to develop templates that correspond to their curriculum.

Certificate for 5 contact hours

- Friday, January 10, 2003;
8:30 a.m. - 1:30 p.m.
- Location: NWOET Tech Lab,
Bowling Green
Pre-requisite: none
Workshop Fees: Members - \$50
Non-members - \$100

PDA's for the classroom

Did Santa bring you a new PDA for the holidays, and now you're wondering what to do with it? Well, maybe we can help. This introductory session will bring you up to speed on all of the essentials. Backing up your data, beaming files to printers, beaming addresses to other users, where to go for downloads and how to install them will be covered.

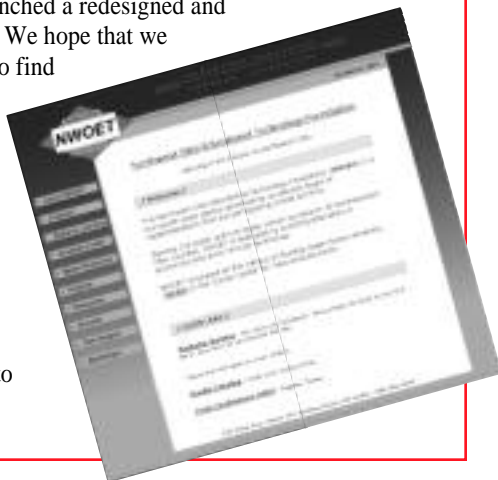
Certificate for 5 contact hours

- Wednesday, January 22, 2003;
8:30 a.m. - 1:30 p.m.
- Location: NWOET Tech Lab, Bowling
Green
Pre-requisite: none
Workshop Fees: Members - \$50
Non-members - \$100

*** For information on degree or IPDP requirements, contact your advisor or NWOET.**

NWOET Website Has New Look, New Features

NWOET has launched a redesigned and reorganized website. We hope that we have made it easier to find the information you need. We aim to continuously improve our website and we would greatly appreciate your feedback. To do so, just follow the link from the main page to the website survey.



Master Of Education In Classroom Technology - Lima

The Division of Teaching and Learning of Bowling Green State University, is again offering a Master of Education in Classroom Technology. This on-site quality program leads to Master of Education in Classroom Technology and the ODE Endorsement in Computer/Technology.

The program features a Master's Degree in approximately two years, is standards-based, cohort-based, and has on-site evening classes. One-third of the tuition may be waived. This series of classes will be in the Lima area and starts Spring semester (January, 2003).

For more information on the program, contact Patricia Ritchey at 419-372-7346 or email her at pritcher@bgnet.bgsu.edu.

Tuesdays Are Special At NWOET

New 2002-2003 Instructional Television Series are block feed broadcast on WBGU-PBS on Tuesdays from 1:30 - 3:00 p.m. This will give the teachers an opportunity to tape the whole series in one or two airings. The new series will also be aired on other days of the week, but it will be one program each week as in the past. Teachers may still send in requests asking for the series to be taped for them; service is free to NWOET comprehensive members.

In addition, we will also be featuring News Six Classics from the 1970s on the first Tuesday of each month from 2-3 p.m.

Please keep this Tuesday ITV schedule with your catalog.

Nov. 5

12:30-1 Reading Rainbow
1-2 Early Americans (programs 3-6)
2-3 News Six Classics

Nov. 12

12:30-1 Reading Rainbow
1-3 Go Figure (programs 1-6)

Nov. 19

12:30-1 Reading Rainbow
1-1:40 Go Figure (programs 7-8)
1:40-3 Seasons (programs 1-4)

Dec. 3

12:30-1 Reading Rainbow
1-2 Democracy and Citizenship:
Principles of Freedom
2-3 News Six Classics

Dec. 10

12:30-1 Reading Rainbow
1-3 Hand in Hand (programs 1-6)

Dec. 17

12:30-1 Reading Rainbow
1-3 Hand in Hand (programs 7-12)

Jan. 7

12:30-1 Reading Rainbow
1-2 Justice and Citizenship:
Martin Luther King, Jr.
2-3 News Six Classics
1:40-3 Seasons (programs 1-4)



eLearning Takes Off In Northwestern Ohio

by Judy Tucker

Northwest Ohio Educational Service Center (NwoESC) is taking advantage of the strengths that distance learning can provide with the eLearning program used in their Alternative Opportunity Centers.

The NwoESC eLearning program's goal is to provide up-to-date course materials for students whose learning styles work best in a self-paced environment. The work the students complete can be done while at the center or anywhere the students have access to the Internet. This program has given many students who were not having success in the traditional classroom environment the opportunity to complete the necessary coursework they would need to graduate. For example, one student this year is working to complete nine distance courses needed to graduate in 2003. This course load would not be possible in the student's home school.

NwoESC purchased the coursework licenses from The Learning Springs for use in the Centers. Created in 1994, TLS, a division of the fully accredited Laurel Springs School, Inc. (LSS), distributes the LSS curricula to a full range of student grades through educational institutions, organizations, and governments worldwide.

Unlike some distance learning courseware, the NwoESC eLearning program in the Opportunity Centers provides teachers to coach the students face-to-face. NwoESC teachers grade the work completed by the participating students rather than using computer or remote scoring. If the answers are incomplete or incorrect, the students receive a reply from the teacher indicating that the response needs more development. Students have more than one try to 'get it right.' Course activities include a variety of questions, readings, short responses, quizzes, and even hands-on projects with step-by-step directions guiding completion. Multiple choice or true/false questions are almost nonexistent in this program, as questions and tasks are designed to elicit higher-level thinking. Each course, made up of units, involves visiting a variety of appropriate websites that are carefully selected by The Learning Springs course development team. According to eLearning Program Director, Bob Morrison, future plans are to consider offering this program to all of the NwoESC school districts that may feel they have students who would benefit from this type of learning opportunity.



Defiance Opportunity Center teacher, Julie Grindstaff observes one of her students as he completes work in an eLearning science course.

NWOET Tech Conference 2003

October 20, 2003
Clyde-Green Springs
High School
Clyde, Ohio

Watch future SCANNERS for more details

Thursday Specials Broadcast Schedule

Continuing with the tradition in offering quality programming to NWOET members, we are proud to present the following Thursday Specials. Programs will be aired weekly, as listed below, at 1 p.m.

Program descriptions for most will be found on pages 21-33 in the 2002-2003 NWOET Resources Guide. Be sure to watch future editions of SCANNER or check the NWOET website www.nwoet.org for the latest updates.

Here are the programs as scheduled at press time:

- 11/07/02 Ama-Zone
- 11/14/02 NASA Science Files "The Case of the Shattered Room"
- 11/21/02 Schauplatz Deutschland
German Scene
- 12/05/02 Colonial Williamsburg
"The April Conspiracy"
- 12/12/02 NASA Science Files "The Case of the Shaky Quake"
- 12/19/02 Holiday Facts and Fun:
Multicultural Christmas
Holiday Facts and Fun:
Hanukkah
Holiday Facts and Fun:
Kwanzaa
- 01/09/03 NASA Connect "Measurement, Ratios, and Graphing: Who Added "Micro" to Gravity?"



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