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Best Practices in Distance Learning

NetWorks is an NSF-funded ATE Resource Center supporting faculty in Semiconductor, Automated Manufacturing, and Electronics education

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National Science Foundation

Funded, in part, by a grant from the National Science Foundation.
DUE-0501626

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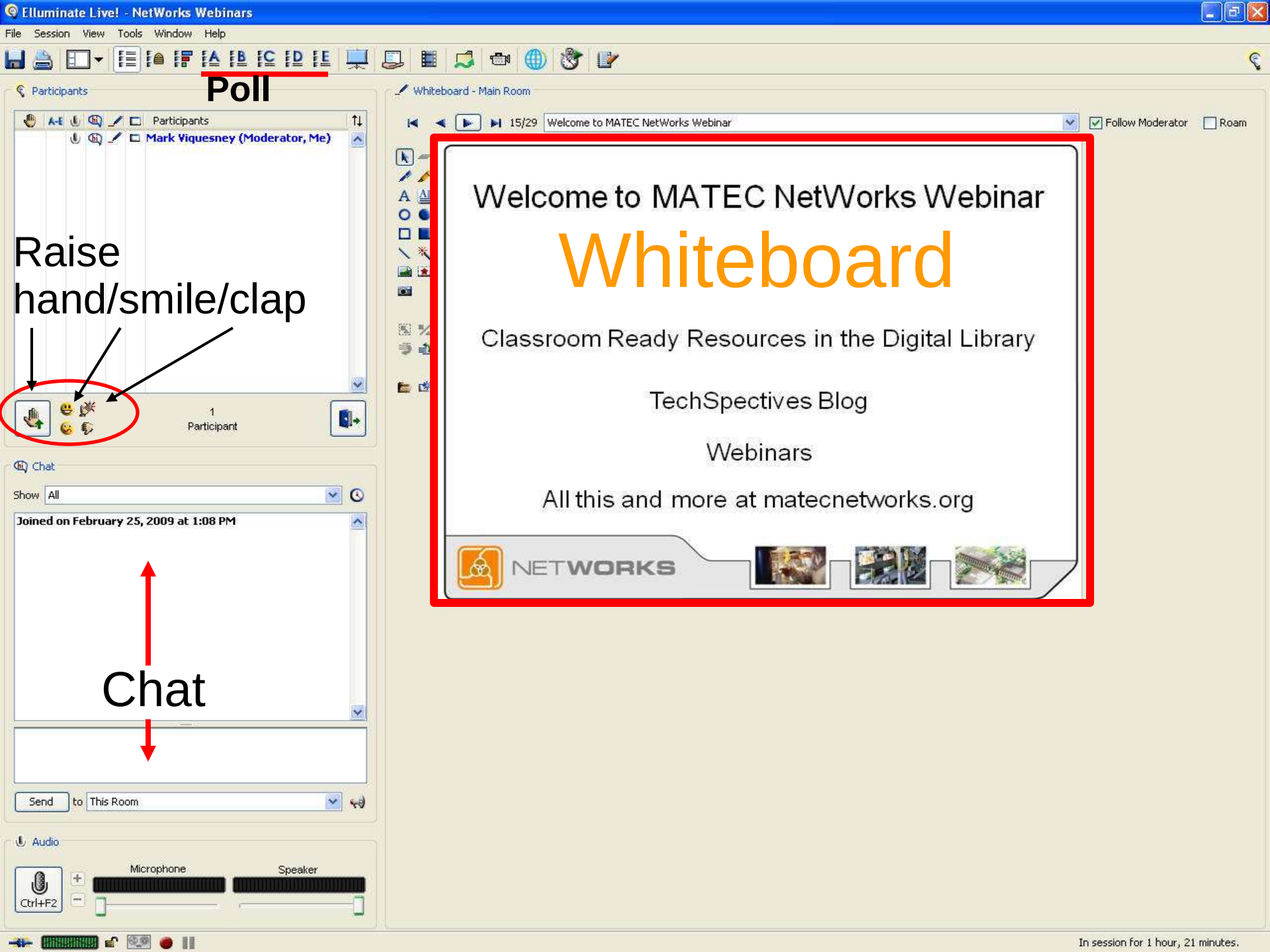
mcli

maricopa center for learning & instruction
division of academic and student affairs

Since 1983, the Maricopa Center for Learning and Instruction (mcli) has been committed to student success, effective teaching and learning pedagogy, technology innovation, and the scholarship of teaching and learning by working collaboratively with faculty, administrators, and district-wide groups.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File Session View Tools Window Help
Poll
Participants
Participants
Mark Viquesney (Moderator, Me)
Raise hand/smile/clap
1 Participant
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Joined on February 25, 2009 at 1:08 PM
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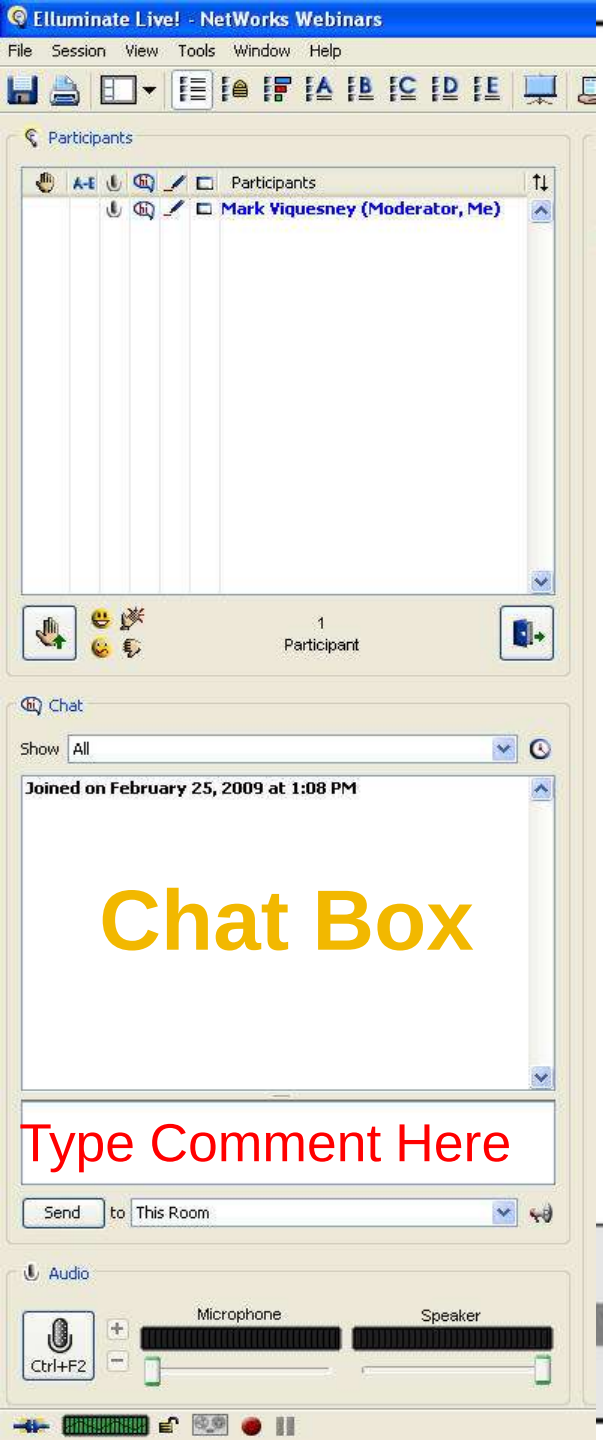
In session for 1 hour, 21 minutes.



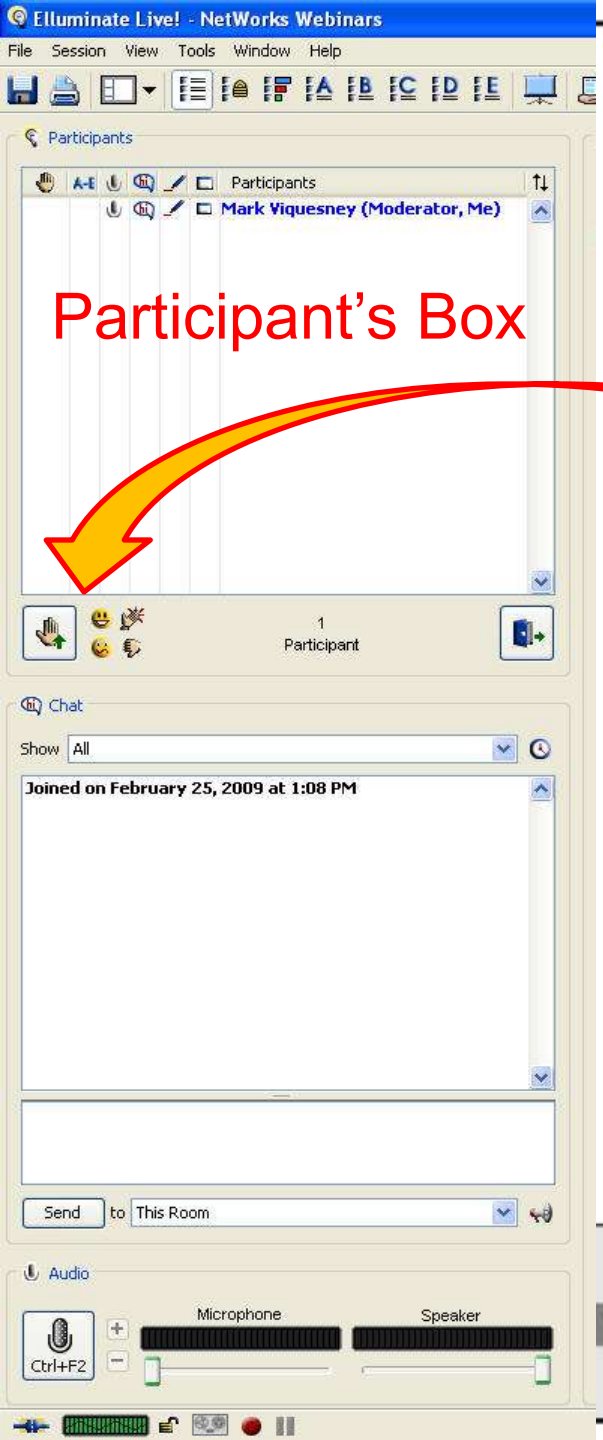
Chat Box

In the **Chat Box**,
please type the name of
your school or organization,
your location,
and how many people are
attending with you today.

Participant's Box

Allows you to non-verbally respond to the presenter's comments.

Participant's Box



Let the presenter know if you like what they say with a smile or clap. Raise a hand if you have a question – and then type it into the chat box.

Poll

Click A-E to take the Poll

This webinar will have a Poll. Please answer: I heard about this webinar through:

A. @matec
B. Email from ETD list serv
C. Email from NetWorks
D. Friend or colleague
E. Other (please type where in chat box)

NetWorks Webinar Presenters

Christy Alarcon, Ph.D.
Instructional Technologist
Maricopa Center for Learning and Instruction

Mark Viquesney
MCCCD Faculty,
Instructional Developer

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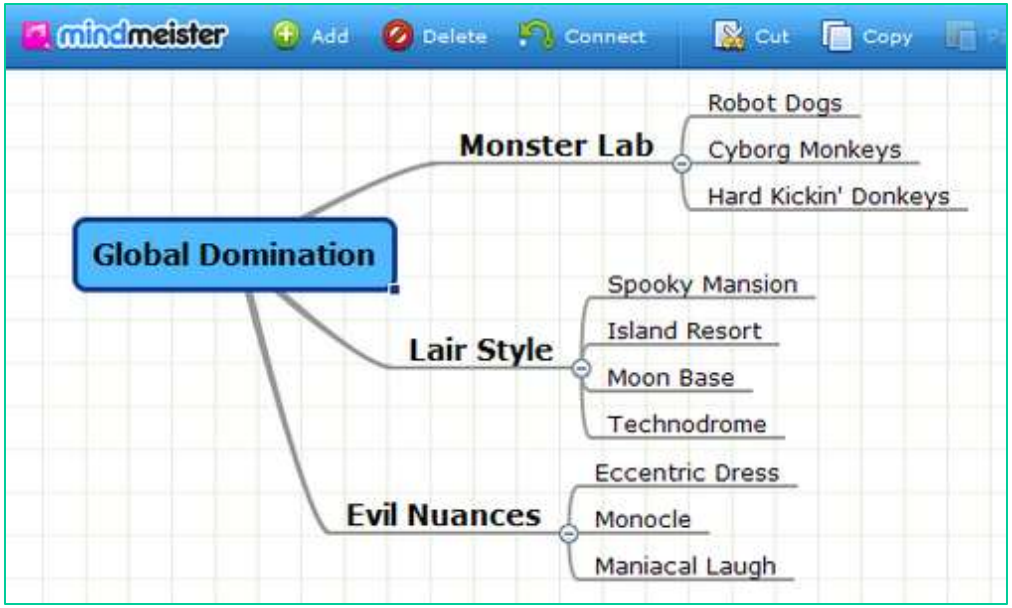
Best Practices in Distance Learning

- Overview of several best practices
- Types of interaction during learning
- Examples in higher education



Learning Objectives

- Identify
- Differentiate
- Demonstrate
- Develop and implement

Poll: How many classes are you presently teaching online?

A. 4 or more

B. 3

C. 2

D. 1

E. 0

Getting to Know your Students

Create your own video slideshow at animoto.com.

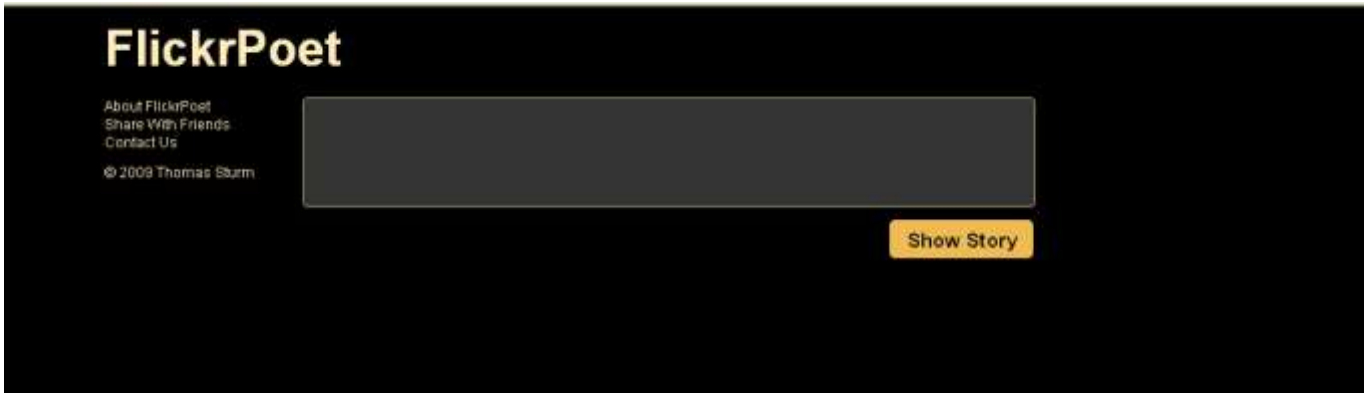
Getting to Know your Students

Icebreaker

Who are you?
Name
College
Discipline
One word that captures the essence of you

Getting to Know your Students

Let's meet us on Flickrpoet:
http://www.storiesinflight.com/flickrpoet/index.php



What's the first word that comes to mind when you think "distance learning"?

Questions and Comments

Type them in your chat window

How Do We Learn?

How Do We Learn?

What you learned	P	R	I	D	E	T	E	A	C	H
1.										
2.										
3.										
4.										
5										

Courtesy of Maria H. Andersen "How do we learn?" http://teachingcollegemath.com/?page_id=2100

Capture Learner Attention - The Basics

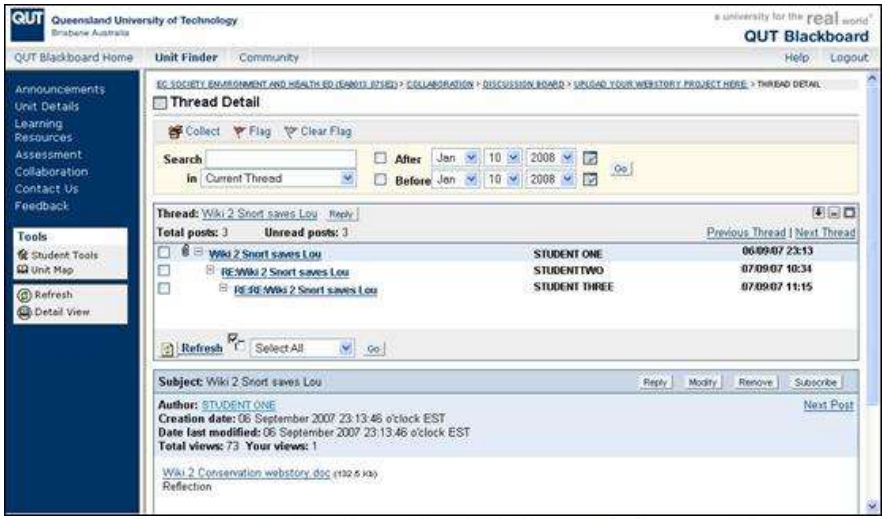
- Present a problem
- Tell a story
- Create dissonance
- Incorporate multimedia
- State expectations
- Engage before the course

Questions and Comments

Type them in your chat window

Using Active Learning Techniques

- Be present
- Create a supportive community
- Use a variety of experiences and activities
- Utilize the potential of the discussion board



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During the Course

- Virtual office hours
- 24 hour turnaround response
- Discussion board

Questions and Comments

Type them in your chat window

Using Web Seminars

Flexibility

Interactivity

Links

Depth

Flexibility

10-12 minutes

Flexibility

TEACHING TIP Remind students to use spelling and grammar checks with caution.

If the word-processing program you're using includes spelling and grammar checks, by all means use them. The spell-check function tells you when a word is not in the computer's dictionary. Keep in mind, however, that the spell-check cannot tell you how to spell a name correctly or when you have mistakenly used, for example, *their* instead of *there*. To a spell-check, *Thank ewe four the complement* is as correct as *Thank you for the compliment*. Also use the grammar check with caution. Any errors it doesn't uncover are still your responsibility, and it sometimes points out mistakes where there are none.

A word-processed paper, with its clean appearance and attractive formatting, looks so good that you may think it is in better shape than it really is. Do not be fooled by your paper's appearance. Take sufficient time to review your grammar, punctuation, and spelling carefully.

TIP Even after you hand in your paper, save the computer file. Your teacher may ask you to do some revising, and then the file will save you from having to type the paper from scratch.

Using Peer Review

Often, it is a good idea to have another student respond to your writing before you hand it in to the instructor. On the day a composition is due, or on a day when you are writing paragraphs or essays in class, your instructor may ask you to pair up with another student. That student will read your composition, and you will read his or hers.

Ideally, read the other paragraph or essay aloud while your partner listens. If that is not practical, read it in a whisper while he or she looks on. As you read, both you and your partner should look and listen for spots where the composition does not read smoothly and clearly. Check or circle the trouble spots where your reading snags.

Your partner should then read your work, marking possible trouble spots while doing so. Then each of you should do three things:

TEACHING TIP Ask students if they think peer review is useful. Why or why not? Help them build trust.

ESL TIP Pair up native and nonnative speakers for peer review.

1 Identification

On a separate sheet of paper, write at the top the title and author of the composition you have read. Under it, put your name as the reader of the paragraph or essay.

2 Scratch Outline

"X-ray" the paper for its inner logic by making up a scratch outline. The scratch outline need be no more than twenty words or so, but it should show clearly the logical foundation on which the paragraph or essay is built. It should identify and summarize the overall point of the paper and the three areas of support for the point.

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Flexibility

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A Note on Ideas

We write because we have to. We have an idea for a screenplay, a poem, a memoir, a song, we have desire to tell our story, and we have the form. In other words:

Idea + Force + Form = Idea Realized

Ideas come from many places and can come from any time. As the Greeks believed, the muse could kiss you at any moment, any time, any place.

What you do with that idea once you have been kissed is up to you. Do you write it down? How many times have you woken in the middle of the night with a great idea? Do you say that you will remember it, only to find that you have forgotten it when you have woken up? What do you do with your idea? You have to have the force to deal with your idea.

You must have the force to write your idea - in other words, the Will to write. Writing is not easy. It can be very hard work.

How many people do you know that have said that they want to write? And how many of them have written that novel they have said they wanted to? Or written that screenplay? They give up. They don't have the force, the will power, to finish their idea. You, as a writer, must have will, you must have the force to keep writing even when you think it sucks, when you think that you have no clue where your story is going. Sometimes the writing is easy, and then it doesn't take much force. But when it gets hard, you have to force yourself to write. Even if you have the idea, and force, you still need the appropriate form.

⇒ TIP: Sometimes you need to change the form to have Idea Realized.

How many times have you had an idea of a story, but when you tried to write it out, it just didn't work out? Maybe it is because you did not have the idea in the correct form. Your idea maybe a novel, a poem, a short story, a play, or a screenplay. Maybe it is a song or a dance, or even a painting. Knowing different forms can only help you. Novels and short stories are about narration, story, description, the character, the

Flexibility

Recorded Web Seminars

PAST WEBINAR RECORDINGS

Webinar	Date	Link
Revitalizing Electronics Programs	05/14/10	VIEW
Industry Expectations of Graduates	03/12/10	VIEW
Evaluating Student Impact	02/12/10	VIEW
Reaching and Teaching Across Generations	12/11/09	VIEW
Nanotechnology in the Classroom Laboratory	11/13/09	VIEW
Sustaining Technical Programs	10/09/09	VIEW
Energy Utilization	09/11/09	VIEW
Teaching and Learning with i-Technologies	08/14/09	VIEW
Developing Strong Evaluations for ATE Projects Part II	07/10/09	VIEW
Developing Strong Evaluations for ATE Projects Part I	07/09/09	VIEW
Learning Objects: What are they? How do I use them?	06/18/09	VIEW
Electronics 2010: eSyst Update 6	05/15/09	VIEW
Making Your Program Flexible	04/17/09	VIEW

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Student Learning

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Digital Immigrants

Digital Natives

Greatest Generation

Gen-Y

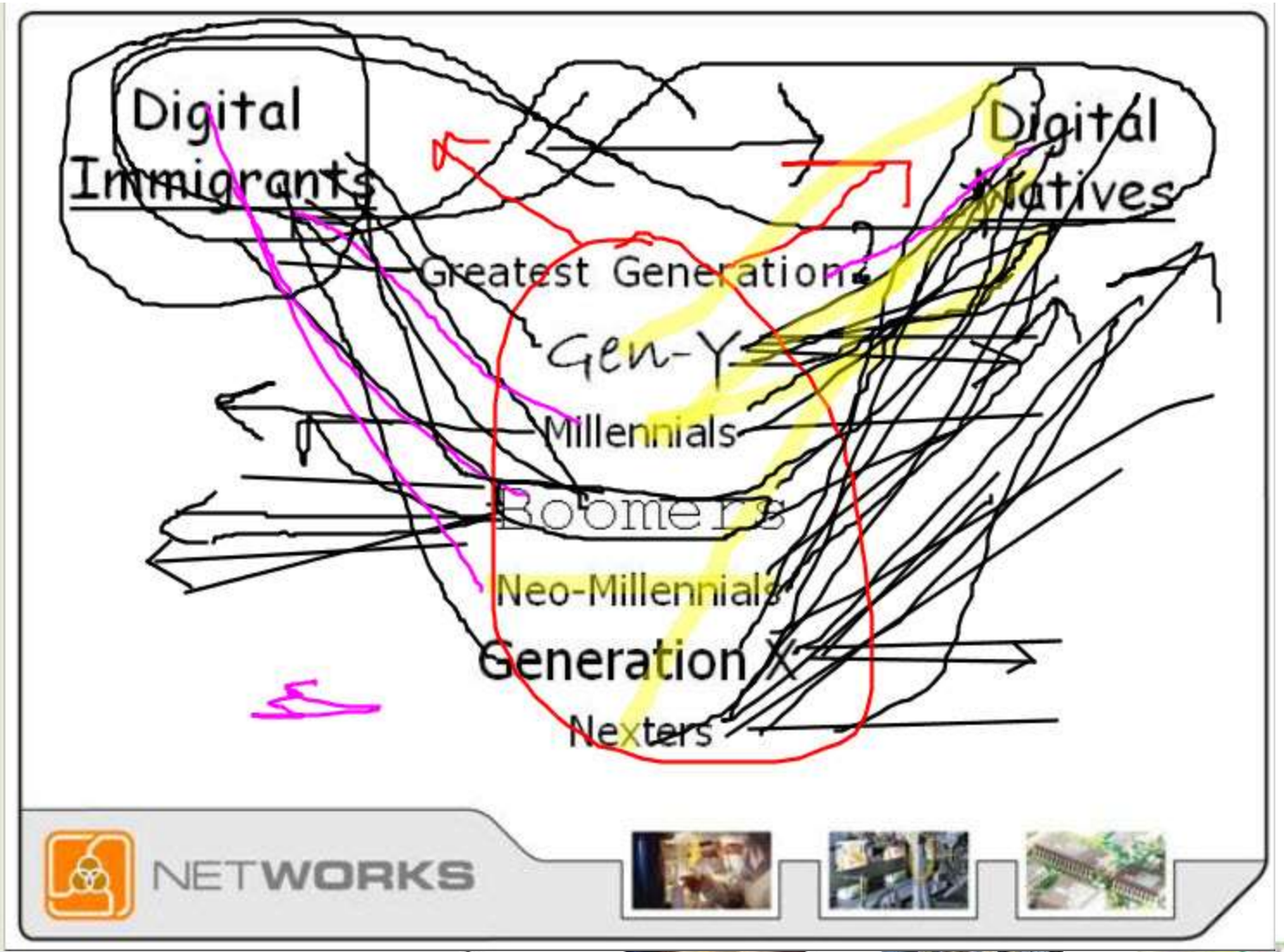
Millennials

Boomers

Neo-Millennials

Generation X

Nexters


Digital Immigrants
Digital Natives
Greatest Generation
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Boomers
Neo-Millennials
Generation X
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Digital Immigrants

Greatest Generation

Boomers

Generation X

GAP

Digital Natives

Gen-Y

Neo-Millennials

Millennials

Nexters

Depth

Depth

Links and

Extra resources

Questions and Comments

Type them in your chat window

A Good Closer

- Plan for tool/technique
- Delivery method
- Preparation
- Introducing tool/technique
- Grading/assessment
- Challenges
- Implement

Try it out and see if it works!

SoftChalk LessonBuilder
http://softchalk.com/lb_examples.html
http://softchalk.com/lessonchallenge/

Studymate
http://www.respondus.com/products/studymate.shtml

iTunes University
http://www.apple.com/education/itunes-u/

Merlot
http://www.merlot.org

Video sites
http://www.youtube.com/
http://www.youtube.com/education
http://teachertube.com/

In the classroom
Personal response systems
http://www.turningtechnologies.com/
http://iclicker.com/

Active learning techniques

Other
Publisher materials
Bridging Techniques

How Can We Better Serve You?

Whether you are joining us live or watching the recorded version of this webinar, please take 1 minute to provide your feedback and suggestions.

http://questionpro.com/t/ABkVkZIOIs

Thank you for attending

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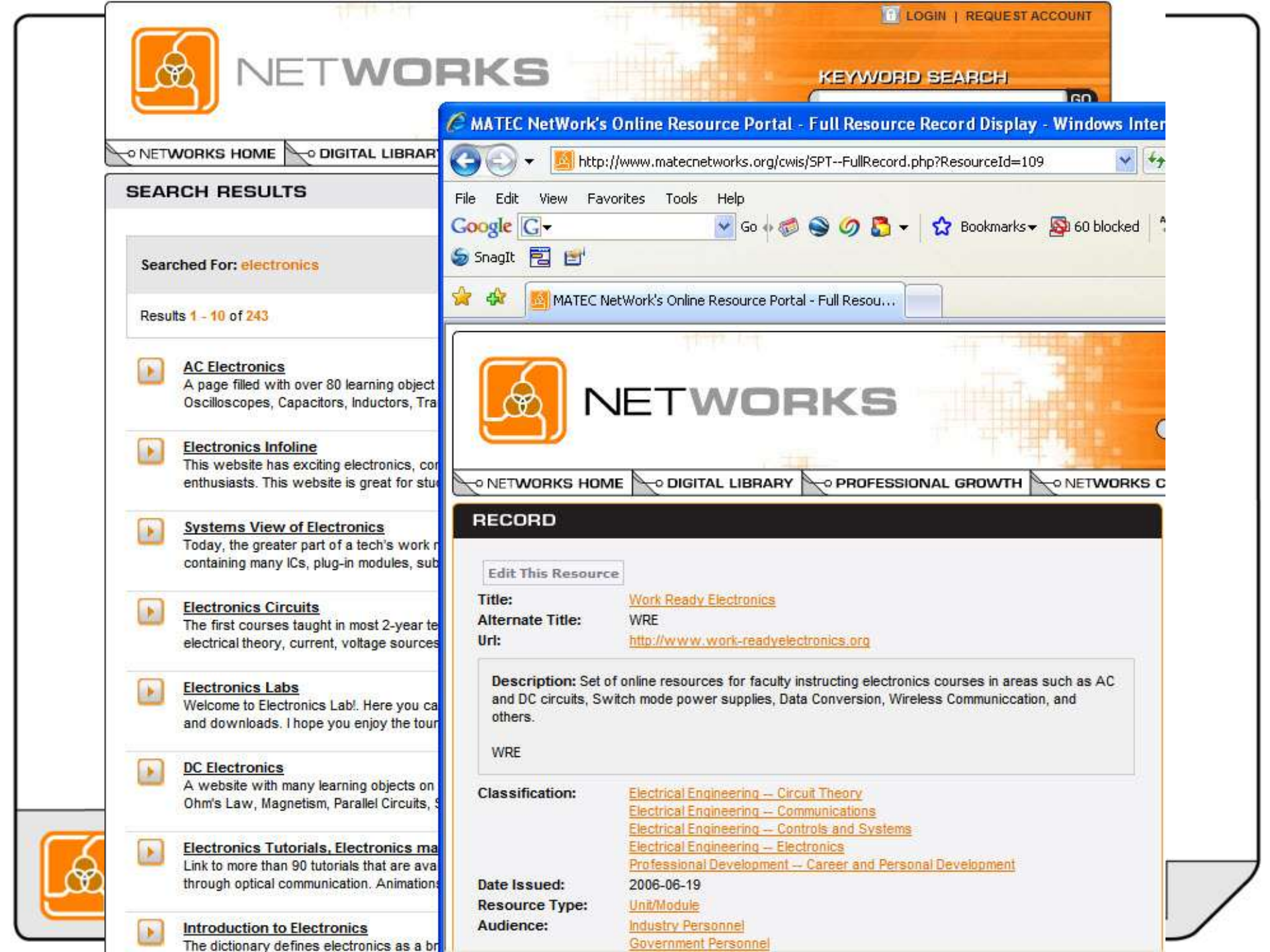
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and downloads. I hope you enjoy the tour
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through optical communication. Animation
Introduction to Electronics
The dictionary defines electronics as a br
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Title: Work Ready Electronics
Alternate Title: WRE
Url: http://www.work-readyelectronics.org
Description: Set of online resources for faculty instructing electronics courses in areas such as AC and DC circuits, Switch mode power supplies, Data Conversion, Wireless Communiccation, and others.
WRE
Classification:
Electrical Engineering -- Circuit Theory
Electrical Engineering -- Communications
Electrical Engineering -- Controls and Systems
Electrical Engineering -- Electronics
Professional Development -- Career and Personal Development
Date Issued: 2006-06-19
Resource Type: Unit/Module
Audience:
Industry Personnel
Government Personnel

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Can you guess what this image is?

- If you guess correctly, you will be entered into a prize drawing.
- EMAIL your answer before 12/31/09.

The answer & winner will be revealed in the Jan./Feb. @MATEC

TECHSPECTIVES BLOG

Join a discussion or start your own at TECHSPECTIVES

THIS FRIDAY - FREE WEBINAR
by Mark Viquesney - Dec 08, 2009
This semester I had a very interesting group of students - One student was in

- THIS FRIDAY - FREE WEBINAR
- ON THE WINGS OF A BUTTERFLY
- REACHING AND TEACHING ACROSS GENERATIONS - FREE WEBINAR DECEMBER
- 10 EMERGING TECHS FOR 2010

COMMUNITY RESOURCES

NETWORKS Community Resource Links.

- FACULTY ADVISORY BOARD
- RECOMMENDED LINKS
- NATIONAL SURVEY RESULTS - 2009

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February 12th	EVALUATING STUDENT IMPACT
March 12th	INDUSTRY EXPECTATIONS OF GRADUATES
April 9th	CONVERGING TECHNOLOGIES CAREER EXPLORATION
May 14th	REVITALIZING ELECTRONICS PROGRAMS
June 10th	RECRUITING DIVERSE POPULATIONS

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Sustaining Technical Programs	10/09/09	VIEW
Energy Utilization	09/11/09	VIEW
Teaching and Learning with i-Technologies	08/14/09	VIEW
Developing Strong Evaluations for ATE Projects Part II	07/10/09	VIEW
Developing Strong Evaluations for ATE Projects Part I	07/09/09	VIEW
Learning Objects: What are they? How do I use them?	06/18/09	VIEW
Electronics 2010: eSyst Update 6	05/15/09	VIEW
Making Your Program Flexible	04/17/09	VIEW

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October 8: **Innovative STEM Resources**

November 12: **Electronics Education Today**

Visit ***www.matecnetworks.org*** for more details about these and other upcoming webinars.

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lara.smith@domail.maricopa.edu

Thank you for attending

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