

# Participant Resource Packet

1. WorLD Workshop Materials
2. E-mail Message
3. Electronic Mail Information
4. Windows on the World Sample Introductions
5. A Web Tour for Educators
6. Searching the Net
7. Netscape Tutorial
8. WorLD Program Partners WWW Pages
9. Common Trouble-shooting Techniques
10. Facilitator's Names and Addresses
11. Workshop Participant List
12. Glossary Sheet and URL
13. Educational Technology Bibliography
14. Workshop Evaluation
15. Myths about Educational Technology
16. Collaborative Internet Projects—Teaching Matters, Inc.
17. "What Can I Do with What I Have" Overhead Slides
18. Indices for Educational Sites on the WWW
19. Articles on Educational Telecommunications and Technology
  - a. Seymour Papert, "Literacy and Letteracy in the Media Ages"
  - b. Jamie McKenzie, "When the BOOK? When the Net?"
  - c. Chris Morton, "The Modern Land of Laputa: Where Computers Are Used in Education"

# WorLD Workshop Materials

## A. Equipment

1. VCR player and monitor
2. Presentation computer and projection device (LCD panel or projector)
3. Fold-up screen for viewing
4. Overhead projector
5. Printer

## B. Software

1. PC Globe Geography Software
2. Netscape 2.0/Gold
3. ClarisWorks integrated package (need a program with word processing, database, spreadsheet, draw and paint, and presentation slide show programs)
4. Webwhacker
5. CD encyclopedia

## C. Food and drinks

1. Paper products or appropriate dishes, and so on

## D. Miscellaneous materials

1. Polaroid camera and film
2. Projection maps
3. Blow-up globes
4. Flip charts 2 'x 3 '
5. String
6. Masking tape
7. Markers, all different colors and sizes
8. Printer paper
9. Printer cartridges
10. Power strips
11. International electric transformers
12. Stapler
13. Tacks and push pins
14. Internet books
15. ISTE articles
16. *Classroom Connect* magazines
17. Writing pens
18. Writing paper

## E. Posters

1. Global Art Project high school pictures
2. Smiles for Bosnia, three pictures
3. Web sites

#### F. Overheads

1. Color Web sites
2. WorLD Goals
3. I\*EARN Habits of Thinking
4. Web sites overheads

#### G. Videotapes

1. I\*EARN tape
2. Charly's Story

#### H. Bookmarked URLs

1. World Bank
2. I\*EARN
3. Sister Cities International
4. GLOBE program
5. Peace Corps
6. USAID
7. Country-specific sites
8. All Teaching Matters, collaborative sites

# Myths about Educational Technology

1. This workshop is first and foremost about technology.
2. The teacher has to be a technical expert.
3. Users must know how to keyboard.
4. Every classroom needs a computer.
5. Technology is an impersonal solitary activity.
6. Communications on-line are virtual and not real.
7. There is no social context to the Internet.
8. Assessment and evaluation are only done at the end of an assignment.
9. The teacher is the source of knowledge.
10. Interdisciplinary themes are too difficult to plan.
11. Boys are better at technology than girls.
12. It is too difficult for small children to use the computer.
13. Students should only use the computer when they are finished with their regular work, as a reward.
14. The basics of reading, writing, and arithmetic are not part of technology integration.
15. One day of professional development will be enough.
16. Every computer needs to be hooked up to the Internet.
17. I must have Web access.
18. This is all too difficult for me to understand.
19. I will break the computer.
20. You can't do art and music with technology.
21. There are not enough computers at school to apply technology.

Overheads

Flow chart on the National Parks Project D 2, LB 4

Youth Can Chart D 2, LB 4

# **Teaching Matters, Inc.**

## ***Collaborative Internet Projects***

*<http://www.pipeline.com~tmi1/collaborativeprojects.html>*

\*Indicates projects that can be participated in with e-mail only access

### ***Projects that don't require WWW access***

(These are good for beginners!)

#### **\*I\*EARN**

**<http://www.iearn.org/iearn>**

I\*EARN hosts 40–50 interactive, global, and multilingual student projects designed to “make a difference” on the planet. Projects are designed by teachers. Current projects include: The International Water Monitoring Project, Scientific Explorations, The Contemporary Heroes Project, The Holocaust/Genocide Project, Learning Circles, and The Vision Literary Anthology. I\*EARN projects are also accessible via the WWW. I\*EARN has created a global community of learners in over 30 countries, removing the need to search the WWW for potential project partners.

#### **\*Global School Net and Hilites Listserve**

Subscribe to the listserv and you'll get postings from teachers all over the world looking for project participants. You can also post your own project here asking for others to participate. E-mail to **[majordomo@gsn.org](mailto:majordomo@gsn.org)**. In the body of the message, type this single line: **subscribe hilites**. They also have a Web site for those with Web access:

**<http://www.gsn.org/gsn/proj/projects2.html>**

#### **\*Global Grocery Project**

**<http://landmark-project.com:80/ggl/html>**

This is an excellent project for beginners. There is no timeline. Students visit their local grocery stores and share the prices with students from all over the world. Easily integrated with math, health, and social studies. To subscribe to the listserv send an e-mail to **[majordomo@gsn.org](mailto:majordomo@gsn.org)**. In the body of the message, type this single line: **subscribe ggl**

#### **\*FieldTrips Project**

**<http://www.gsn.org/gsn/proj/fieldtrips/index.html>**

Going on a field trip? Want to give your students a new focus when you go on a field trip? Then this activity is for you. To subscribe to the listserv send an e-mail to **[majordomo@gsn.org](mailto:majordomo@gsn.org)**. In the body of the message, type this single line: **subscribe fieldtrips-L**

### **\*Memories of 1945**

Read the stories of people who lived during WW II at the web site

<http://spectrum.tcns.co.uk/chatback/memories.html>

They want children everywhere to ask senior citizens who were alive during those years to tell their impressions and experiences and for students to send them to.

**MEMORIES@sjvm.stjohns.edu**. First you will need to subscribe to their listserve by e-mailing to **listserv@sjvm.stjohns.edu**. Enter this line into the subject and body of the message: **subscribe memories your-first-name your-surname**

### **\*Ask a Geologist**

<http://walrus.wr.usgs.gov/docs/ask-a-ge.html>

Or e-mail to: **Ask-A-Geologist@usgs.gov**.

### **\*Victorian Lives and Letters**

Impersonation project about Charles Dickens:

<http://spectrum.tcns.co.uk/chatback/dickens.html>

To subscribe to their listserve, send to **listserv@sjvm.stjohns.edu**. Enter this line into the body of the message: **subscribe boz your-first-name your-last-name**

### **\*A Way Cool Software Reviews Project**

A joint project of the University of Connecticut's ConnSense Technology Lab and Chatback UK to promote evaluations of educational software by children, teachers, and parents. They are particularly interested in software that may be appropriate for individuals with disabilities. To subscribe to the Way Cool list, send an e-mail letter to **listserv@UConnvm.UConn.edu**. Enter this line into the body of the message: **subscribe wycool-L Your name**

### **\*The View from My Window**

<http://spectrum.tcns.co.uk/chatback/view.html>

Write and tell about the view from your window. Each "view" will be shared with all participants in the project. To subscribe to MY-VIEW on the Internet, send a message to **listserve@sjvm.stjohns.edu**. Enter this line into the body of your message: **subscribe my-view your-first-name your-surname**

### **\*Landmark Game**

<http://www.kidlink.org/KIDPROJ/Landmark/landmark.html>

Students create clues for a landmark and post them to the listserve. To participate, you must be member of the KIDPROJ listserve. To subscribe, send a message to **listserv@vm1.nodak.edu**. Leave the subject line blank, and in the body write **subscribe kidproj(your name)**

**\*Geogame**

<http://www.gsn.org/prof/geog/index.html>

Students submit information about their home towns. In return they receive similar information from places all over the world. Students must guess the location based on the set of clues they receive. Although this project is done through e-mail, it is suggested you visit the Web site first to learn about registration dates and information you need to include in your e-mail.

## ***Sites with multiple projects***

### **Oz-TeacherNet Internet Projects**

<http://owl.qut.edu.au/oz-teachernet/projects/international/international.html>

This page out of Australia lists many interesting projects.

### **The Chatback Trust**

<http://spectrum.tcns.co.uk/chatback/welcome.html>

Chatback Trust hosts projects every month and keeps a listing of projects. The emphasis is on children with mental or physical difficulty in communicating.

### **Academy One**

[http://www.nptn.org/cyber.serv/AOneP/academy\\_one/menu.html](http://www.nptn.org/cyber.serv/AOneP/academy_one/menu.html)

Academy One is known for its simulation projects, among others. Save the Beaches and TeleOlympics are part of Academy One.

### **I\*EARN**

<http://www.iearn.org/iearn>

I\*EARN hosts 40–50 interactive, global, and multilingual student projects designed to “make a difference” on the planet. Projects are designed by teachers. Current projects include: The International Water Monitoring Project, Scientific Explorations, The Contemporary Heroes Project, The Holocaust/Genocide Project, Learning Circles, and The Vision Literary Anthology. I\*EARN projects are also accessible via the WWW. I\*EARN has created a global community of learners in over 30 countries, removing the need to search the WWW for potential project partners.

### **Houghton Mifflin Project Center**

<http://www.hmco.com/hmco/school/projects/index.html>

Teachers can post project here as well as look for projects to participate in.

## ***Information Collections***

### **EnviroNet: Monitoring Projects**

<http://whale.simmons.edu/environet-stuff/monitoring/index>

You can find designed environmental projects at this site. The projects change at the beginning of every school year. Some of the projects this year are Insect World, BatNet, Coyote Howl, and Road Kill Project. They also have a list of gopher and WWW servers dedicated to environmental issues.

### **Global Learning and Observations to Benefit the Environment (GLOBE)**

<http://www.globe.gov/ghome/invite.html>

GLOBE is a worldwide network of students, teachers, and scientists working together to study and understand the global environment. GLOBE students make a core set of environmental observations at or near their schools and report their data via the Internet. Scientists use GLOBE data in their research and provide feedback to the students to enrich their science education. You must attend their training to be part of this project.

### **Science Projects Created by New Jersey Teachers**

<http://k12science.ati.stevens-tech.edu/scienceprojects.html>

New Jersey teachers created these projects this summer at the Stevens Institute of Technology. The projects are simple and well thought out. This is a great place to start and see what's possible.

### **The Global Temperature Project**

<http://k12science.ati.stevens-tech.edu/curriculum/temp/intro.html>

This project was sponsored by second- through fifth-graders in New Jersey last March. You can read all about the projects and see results at the above address.

### **Journey North: A Global Study of Wildlife Migration**

<http://www.ties.k12.mn.us/~jnorth/>

Structured projects for 1997 include "Send a Monarch to Mexico" and "Plant a Journey North Tulip Garden."

### **Monarch Watch!**

The University of Kansas Department of Entomology

<http://longwood.cs.ucf.edu/~MidLink/>

An electronic magazine for middle-grade students. Students can submit work to be published.

**Live from Antarctica**

<http://quest.arc.nasa.gov/antarctica/index.html>

Scientists answer questions about Antarctica. There is also information about the habitat and the results of last year's project. There are TV programs to go along with this project.

**The Great Penny Toss**

[http://www.rbs.edu/RBS\\_Forms/RBS.html](http://www.rbs.edu/RBS_Forms/RBS.html)

The Ralph Bunche School's classic probability experiment. Toss your pennies and submit your results.

**Classroom Feeder Watch**

<http://www.terc.edu>

## ***Interpersonal Exchanges***

### **\*Memories of 1945**

Read the stories of people who lived during WW II at the Web site

<http://spectrum.tcnscs.co.uk/chatback/memories.html>

They want children everywhere to ask senior citizens who were alive during those years to tell their impressions and experiences and for the students to send them to:

**MEMORIES@sjuvm.stjohns.edu**. First you will need to subscribe to their listserve by e-mailing to **listserve@sjuvm.stjohns.edu**. Enter this line into the subject and body of the message: **subscribe memories your-first-name your-surname**

### **Ask an Expert Page**

<http://k12science.ati.stevens-tech.edu/curriculum/aska.html>

This page lists many different Ask an Expert pages by subject matter.

### **The Woman of NASA**

<http://quest.arc.nasa.gov/women/intro.html>

Features live chats with NASA women scientists. There are also biographics of the scientists at this site, "A Day in the Life" of the scientists, and teaching ideas for integrating the Woman of NASA project into your curriculum. To register for project updates and receive the schedule for WebChats, send e-mail to:

**listmanager@quest.arc.nasa.gov**. In the message body, write only these words: **subscribe updates-won**

### **Ask an Expert Page**

<http://njnie.dl.stevens-tech.edu/curriculum/aska.html>

Lists Ask and Expert sites for all different disciplines!

### **Ask a Scientist**

<http://www.sci.sdsu.edu/cgi-bin/askcmi.pl>

Ask a scientist about whatever you want to know.

### **Ask Dr. Math**

<http://forum.swarthmore.edu/dr.math/>

Is zero a number? Is it even or odd? Got a math question? Ask Dr. Math!

### **The Electronic Emissary**

<http://www.tapr.org/emissary/>

The Emissary is a "matching service" that helps teachers with access to the Internet locate other Internet account-holders who are experts in different disciplines, for purposes of setting up curriculum-based, electronic exchanges among the teachers, their students, and the experts. You can view sample projects and past projects at the site.

**Math Pen Pals**

<http://www.kidlink.org/KIDPROJ/Math/>

Students communicate with math pen pals on a variety of topics. Some activities are weekly (weather data). Monthly events include surveys and comparison pricing. They're famous for their M&M activity and 100th day activities.

**Intercultural E-mail Classroom Connections**

<http://www.stolaf.edu/network/iecc/>

Find international pen pals, discuss projects, post projects, and find collaborators.

## ***Problem-Solving Projects***

### **The Elementary Problem of the Week at Swarthmore College's Math Forum**

<http://forum.swarthmore.edu/sum95/ruth/elem.pow.html>

This project is not collaborative in nature, but it's one of our favorites, so here it is.

### **Math Magic**

<http://forum.swarthmore.edu/mathmagic/index.html>

Registered teams pair up to solve problems.

### **The Mind's Eye Monster Project**

<http://www.csnet.net/minds-eye/>

Write paragraphs describing a monster. Submit them to your partner through e-mail, and then your partner mails back a drawing (via snail mail). Compare your original description with your partner's drawing.

### **Story Writing Project**

<http://www.mbnet.mb.ca/~dfalk/story.html>

Contribute to a story that gets passed around the globe.

### **Taky Your Daughters to Work Day 1996**

<http://www.gsn.org/gsn/gsh/daughters2work.html>

An example of a virtual gathering using CuSeeMe (video conferencing).

### **Save the Beaches**

[http://www.nptn.org/cyber.serv/AOneP/academy\\_one/special/beaches.html](http://www.nptn.org/cyber.serv/AOneP/academy_one/special/beaches.html)

The classic social action project with data collection as well.

## ***Resources for Collaborative Projects***

### **Judi Harris**

<http://www.ed.uiuc.edu/Activity-Structures/>

Links to her articles and activity structures.

### **Telecomputing in the Classroom: Keys to Successful Telecomputing**

<http://www.gsn.org/gsn/articles/article.keys.2.success.html>

Good article by Al Rogers, Mary Jacks, and Tom Clauset of Global School Net.

### **Guidelines for Education Uses of Networks**

<http://www.ed.uiuc.edu/guidelines/>

Links to articles about projects and other educational uses of the Internet.

### **Classroom Connect Newsletter**

<http://www/classrom.net>

This essential K-12 newsletter is \$39/year. Brought to you by Wentworth Multimedia WorldWide (800) 638-1639.

### ***Helpful Tips***

- Before you try to create your own project, participate in an existing one, such as Global Grocery.
- Design a project that meets a particular curricular goal.
- Design an activity that could not be accomplished as well without telecommunications.
- Look at examples of projects.
- Choose a structure for your activity (see Judi Harris)
- Decide on details of your project (grade level, time frame, deadline, educational purpose, how many responses you want, what you will do with responses).
- Post your project to invite participants (you can post in more than one place; Hilites is a good one).
- Train students to be a part of your project.
- Create closure once the project is completed.
- Try out a project with a teacher friend from another school!