

May 24, 1996

MEMORANDUM FOR THE VICE PRESIDENT

FROM: GREG SIMON
JIM KOHLENBERGER
TOBY DONENFELD

SUBJECT: NETDAY AND CYBERED UPDATE

*LEON letter
also consider doing
another NET Day, pull
together on after commencement
MIT out message report on Tuesday
Bill Rice Ch. last day
PDS*

NetDay Update

- Massachusetts NetDay kicked-off last week. Last Monday we kicked off the Massachusetts Netday effort. Senator Kennedy did an event and we issued a press release with supportive quotes from you and the President.
- New Jersey NetDay kickoff plans set for June 4th. We are working closely with the New Jersey NetDay organizers to bring together private sector leaders, establish a toll-free number, and get the web-page up for the President's announcement on June 4th as part of his Princeton Commencement speech. Organizers expect to connect 1,000 schools in New Jersey by the end of the 1996-97 school year, completing 20% on NetDay in October. Secretary Cisneros will preview the President's announcement at the CyberEd event in Camden, N.J. the day before.
- Other efforts across the country. We continue to move forward with the library effort in Tennessee, the National Netday conference at the end of June, targetting states like North Carolina and Florida, and following up on your conversation with US West regarding Minnesota.

CyberEd Update

Next Week -- New York

- Major new commitment by AT&T for NY zone.
On May 30, in Times Square in New York, AT&T CEO Bob Allen will announce a new AT&T commitment to bring technology and training to the two New York Empowerment Zones. AT&T's \$500,000 commitment includes: two computers for ever school, two-years free Internet access for each school, an academy for teachers that will help them improve their technology skills and will provide technical assistance to the schools, and technology grants of up to \$500 for teachers to use for classroom projects. The effort is being paid for by a commitment from AT&T to channel 5% of the in-state telephone

revenues to technology for the EZ schools. Bob Allen will also challenge other companies to come forward to bring technology to the zone schools. AT&T will also unveil an electronic billboard in Times Square featuring the largest fiber optic display in the world -- the announcement will be displayed on the new billboard.

- **The CyberEd will be in the New York EZ from May 29 - June 2.** Andrew Cuomo, Assistant Secretary for Community Planning and Development at HUD is scheduled to be the Administration's representative at the May 29 opening event. Representative Charlie Rangel will also attend.

Last Week -- Boston

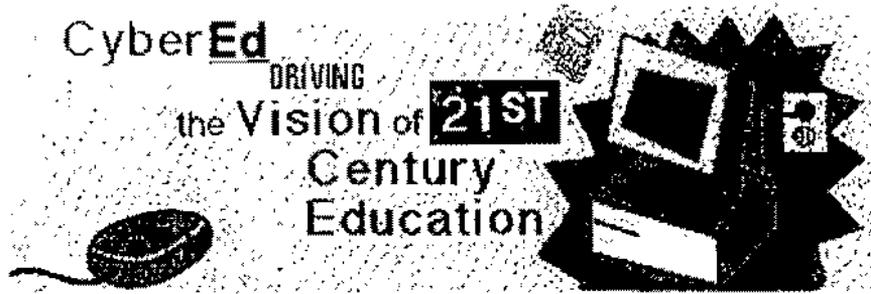
We continue to receive great reports from the Boston event on May 15. Following are some excerpts from a report we received from Bonnie Bracey, former teacher of the year and NIIAC member, in Boston:

- **Multi cultural Information.** "One teacher [who visited the CyberEd] was of Brazilian heritage. We used search engines to find language lessons and materials for bilingual teachers, she cried. She printed out a small book, [including] contacts and references on several countries. She wanted to know why she was not made aware of all of these resources and wanted to know, when she could come back."
- **Brand New Internet Teachers** "...what I did not know was that we would see these community leaders again on Saturday, with their children, with their friends and I watched a parent who had no idea what the Internet was on Wednesday, demonstrate to her children, on Saturday, the homepage she enjoyed."
- **Resources for Special Education Teachers** "A person in charge of a special education program, found grant information, resources, colleagues -- he found so much information, he worked through my lunch time. He was there all of 3 ½ hours gathering information."
- **NASA is a big hit!** "We used the PictureTel to access NASA at the Johnson Space Center. What a teleconference we had! We had a tour of the astronaut training facilities, and we asked questions about foods, and medicine and all manner of things. NASA was awesome in interchange and teleconference. It certainly wowed the audience."
- Attached are some pictures of the Boston CyberEd event from the CyberEd homepage.

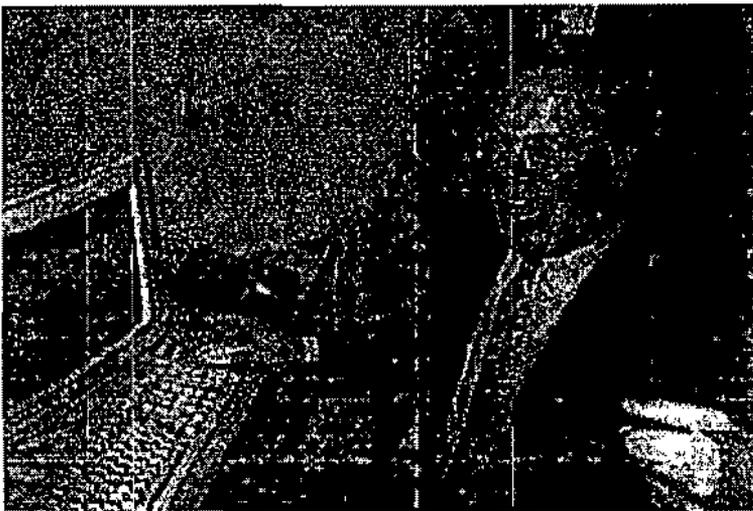
This week -- Chicago

- **Early reports from Chicago's CyberEd event on Wednesday, May 22 are great.** Approximately 80 - 100 people attended the opening event. The CyberEd spent two days at DuSable High School and two days at Juarez High School in Chicago.
- **Microsoft makes pledge for teacher training.** An impromptu conversation between a Microsoft representative and the Principal of DuSable High School led to a commitment by Microsoft to install Microsoft Office software in each of the teachers computers (to be provided by the school for summer training) and to provide all teachers with training course in June.
- **Cable show.** The Chicago Education Alliance, a video production company, is taping all events around the CyberEd and compiling a one hour video that will air on the local cable access channel several times over the next several weeks. The cable channel reaches approximately 300,000 homes in Chicago.

CyberEd
DRIVING
the Vision of 21ST
Century
Education



CyberEd in Boston, MA May 15-18, 1996



The Honorable Thomas Morino, Mayor of Boston, crusing the World Wide Web.



Dr. Matthew Schure, PhD., President of the New York Institute of Technology addresses the Boston Crowd.



Lisa Rivonius inside the Cyberlid truck.



Bob Perlman of the Boston Federation of Teachers



Dr. Matthew Schure and Mayor Menino.

Never Sent

JUNE 13, 1996

MEMORANDUM FOR THE VICE PRESIDENT

FROM: GREG SIMON
JIM KOHLENBERGER
KINNEY ZALESNE

SUBJECT: NETDAY AND CYBERED UPDATE

CyberEd update

- **Computers to Empowerment Zone Schools.** On April 17, 1996, Executive Order 12999, "Educational Technology: Ensuring Opportunity for All Children in the Next Century," was signed. Implementation efforts are now underway. GSA has drafted an implementation brochure for circulation to the agencies which will include a cover letter from the Vice President. At each remaining stop of CyberEd (the 18-wheel educational technology training center) in the Empowerment Zones, a federal agency is planning to donate excess computers to the EZ schools -- ideally, enough computers for each school to start one computer lab. In addition, we are planning a more comprehensive "model implementation" effort in the Baltimore EZ schools to take place before the end of the summer, which should involve not only computer donation but community-wide computer recycling, teacher training, and ongoing computer mentoring.
- **Cisneros in Camden.** Secretary Cisneros joined the CyberEd truck in the Camden New Jersey Empowerment Zone to highlight the effort to connect the Empowerment Zones with educational technology and to preview the President's announcement the next day for New Jersey Netday. The event was well covered by the press.
- **Riley in Baltimore.** Secretary Riley did a very successful event with the CyberEd truck this week in Baltimore. We are still waiting to see the press from the event.
- **Next Week in Cleveland.** Next week Jack Gibbons will join the CyberEd truck and the Mayor in Cleveland for the event.

Netday update

- **New Jersey Netday kickoff a success.** Last week the President kicked-off the New Jersey Netday as part of his Princeton Commencement address. The effort includes 15 specific corporate commitments to connect over 1000 of New Jersey's schools by this time next year. (See fact sheet attached.)



New York City

Harlem (126th St. & Adam Clayton Powell Jr. Ave.)

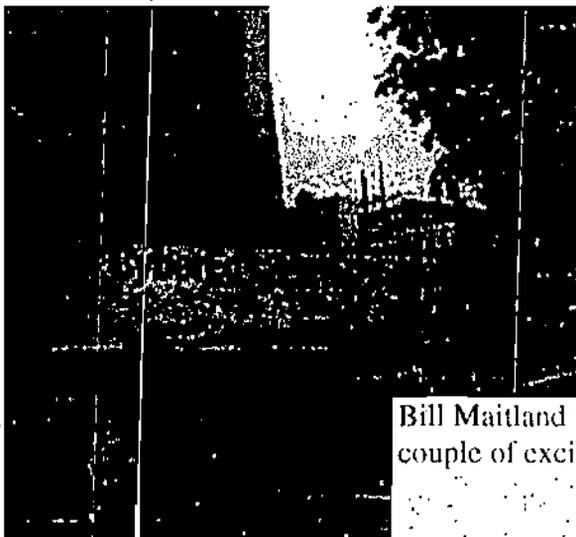
May 28-29, 1996

South Bronx, (Grand Concourse)

May 31-June 1, 1996

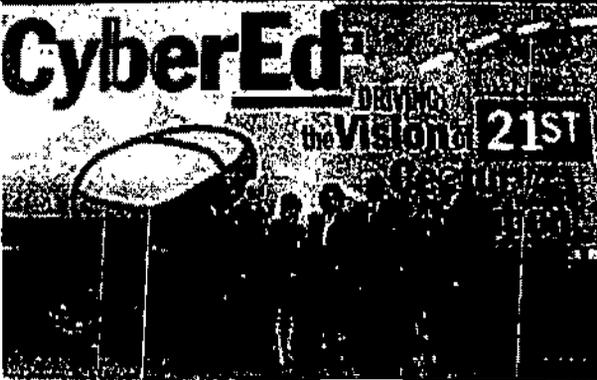
One station had two teenage sisters, and as Nathaniel began his intro, I asked them if they had any experience with computers or the Internet. One answered that they had worked with computers in school but not on Internet.

Her sister seemed very quiet and shy, not saying anything. I said to them, "in 5 minutes you'll be Internet experts". I demonstrated the use of the mouse and scroll bar. I showed them how to use several of the buttons at the top and walked them through the intro with the rest of the group. I occasionally asked the shy girl to try the mouse or the keyboard, but she just shook her head and let her sister do everything. After about 5 minutes, the one girl was pointing, clicking, and searching for things they were both interested in. I made one more attempt to get the second girl involved, asking her if she'd like to try this herself. Finally she and her sister switched seats, she hesitantly reached for the mouse and 5 minutes later they were arguing over what sites to go to. The session ended before we knew where the time went. The girls left smiling and thanked us for the help. Later in the day, the two sisters returned to the truck and asked if they could go in again. Since some groups were small, we let them come in. The girls went right to the computers and picked up where they left off.



The CyberEd truck in front of the Adam Clayton Powell State Office Building

Bill Maitland from the New York City Teacher Resource Center with a couple of excited cyberpilots



Netday New Jersey

June 4, 1996

"Our challenge is to provide Americans with the educational opportunities we will all need for this new century. In our schools, every classroom in America must be connected to the information superhighway, with computers and good software, and well-trained teachers."

-- President Clinton, State of the Union Address, January 23, 1996

TODAY, PRESIDENT CLINTON ANNOUNCES A NEW EFFORT TO CONNECT NEW JERSEY'S SCHOOLS TO THE INFORMATION SUPERHIGHWAY: Today the private sector is answering the President's challenge to connect schools to the information superhighway and give New Jersey's children a leg up on the 21st century. The private sector, led by the Partnership for New Jersey -- an association of chief executives of the states leading corporations -- is stepping forward with specific commitments to connect the classrooms in over 1000 of New Jersey's elementary, junior high and high schools to the Information Superhighway by this time next year.

- **The Private Sector answering the President's challenge.** The President has called on the private sector to help lead the way in the effort to connect the country's classrooms to the information superhighway. Today, companies that regularly compete with each other are joining together to answer the President's challenge and bring this new technology to schools.
- **More than 15 specific commitments to help meet this goal.** This effort is led by the Partnership for New Jersey -- an association of chief executives of the states leading corporations -- and includes more than 15 specific commitments from companies, universities and non-profit associations. As examples, AT&T is providing free Internet access for every school that gets hooked up as a part of this effort, Lucent Technologies has agreed to provide 75 miles of cable -- enough to connect the classrooms in 200 schools, and Microsoft is donating free Internet software for every participating school. Other partners include: Automatic Data Processing, Bell Atlantic- New Jersey, IBM, the New Jersey Cable Telecommunications Association, The Prudential, Public Service Electric & Gas, Princeton University, Stevens Institute of Technology, and the New Jersey Utilities Association.
- **Broad based support.** This effort is also supported by the Communication Workers of America and the Technology Committee of the NJ Association of School Administrators.
- **Building on the success of California's Netday.** New Jersey's Netday is inspired by and built on the successes of California's Netday. On March 9, 1996, the President and Vice President joined 20,000 volunteers, parents and teachers to wire thousands of California's schools with 6 million feet of cable. Companies contributed wiring kits.

technical assistance, free Internet access, and free and discounted hardware and software. Now, companies, educators, parents, union members and other volunteers across the nation are stepping forward, like they are here in New Jersey, to connect the schools in their communities.

- **Meets the President's goal of connecting all classrooms by the year 2000.** This new effort, which will not just connect the schools, but the classrooms inside the school to the Information Superhighway, puts New Jersey well on its way of having all of its classrooms connected by the year 2000.
- **An integral component of the President's educational technology initiative.** This effort supports the President's educational technology initiative which calls for progress in four areas: computers, connectivity to the Internet and other advanced networks, teacher development, and high quality software and educational applications.
- **Quintupling the number of schools in New Jersey with Internet access by this time next year.** With the help of volunteers, teachers, parents, and the private sector, at least 1000 of New Jersey's 2200 schools -- about 40 percent of New Jersey's elementary, junior high and high schools -- will be connected to the information superhighway by this time next year -- quintupling the number of schools in New Jersey with Internet access.
 - **Two Phases.** The first phase is the Netday in October that will be the pilot project focussing on the 200 - 300 schools that are ready to go. The rest of the 1000 schools will be done in the second phase in April using lessons learned from October.
 - **Connecting the classrooms.** These volunteers will work together to extend two strands of high-speed high-capacity wire from each of five classrooms and a library or computer room to a central point where it can be tied to the Internet.
 - **Internet Recruitment starts today.** Volunteers can learn more and sign-up for Netday New Jersey through a web page on the Internet that is also opening today. The Internet address is <http://www.att.com/education/netdaynj/>
 - **1-888-NJNETDAY.** Volunteers can also call this toll free number to learn more about or volunteer for New Jersey Netday.
- **Connecting our children to the future.** This effort is about so much more than just connecting New Jersey's classrooms with wires. Netday New Jersey is about connecting kids to other kids, connecting classrooms to the world outside, and connecting our children to the future.

CyberEd helps needy students

1447E
WASHINGTON (AP) — A high-tech classroom on wheels is going on the road to help teachers, parents and students in the nation's most underprivileged areas find their way onto the information superhighway.

On display recently in front of the White House, the black 18-wheeler painted in neon colors looked like a modernistic bookmobile. Instead of books, it has six computer work stations with laser printers, videos and fax machines.

"Hey, this is pretty nice," Vice President Al Gore said as he stepped aboard the truck called CyberEd where two students from Baltimore schools were clicking computer mice.

Tamar Adolemau-bey, 17, of Paul Laurence Dunbar Senior High School in Baltimore searched the Internet for information on President Lincoln and pulled up a little-known photograph of him delivering his famous Gettysburg Address.

Later, Gore told an audience about how the student went on to look at the rough drafts of the Gettysburg Address with changes highlighted in boldface.

"All of our children ought to have the opportunity to explore the full universe of information according to their own curiosity and at their own pace," Gore said. "The trouble is, not enough American kids right now have this world of knowledge at their fingertips."

From Washington, the truck leaves on a 122-day tour of the nation's 15 empowerment zones that are in distressed cities and rural areas.

In February, Gore announced an initiative to connect every school in the empowerment zones to the Internet by the end of the year.

The Clinton administration also has a five-year, \$2 billion program to put computers in all American classrooms and link them to the Internet. The money for this Technology Literacy Challenge is in the president's fiscal 1997 budget request.

On Wednesday, President Clin-

ton signed an executive order to improve the transfer of government surplus computers to schools and nonprofit groups, especially in empowerment zones.

"There is no area where access to this new technology is more important for public education than in our new empowerment zones," Education Secretary Richard Riley said. "Universal service and affordable connections for schools and libraries have long-term implications for educational quality and equality."

Half of the nation's public schools are linked to the Internet, but low-income students are less likely to have classroom access to the worldwide computer network than wealthier students, according to a recent Education Department survey.

"If America is to stay competitive, our schools have got to embrace the Information Age. We cannot become a nation of information have and have nots," said Bert Roberts, the chairman of MCI Communications Corp. who came up with the idea for CyberEd.

The CyberEd training program is being financed with \$1 million in contributions from MCI, the Milken Family Foundation, Microsoft Corp., Coming Inc., DSC Communications Corp. and the William G. McGowan Charitable Fund.

Tech Corp., a nonprofit organization designed to bring volunteers into schools to introduce new technologies, will help train principals, teachers and parents in using computers to educate students.

In May, the truck will be in Kentucky, Boston, Chicago and New York City. Destinations in June are Philadelphia, Baltimore, Cleveland and Atlanta. In July, the truck will be in Mississippi, Houston and Rio Grande in Texas, and the Kansas City area. Stops in August are in Oakland and Los Angeles in California.

City woman takes to the road to teach Web

1447E

By BRIAN E. TROMBLEY
Contributing Writer

PLATTSBURGH — You hear about it all the time, but what is the World Wide Web and how can you use it?

Plattsburgh resident Linda McGuire has been chosen to teach the Web to those who would teach it to others.

A national effort was launched by Vice President Al Gore and businessmen across the nation for hands-on technology training for educators called CybarEd.

In a specially outfitted 18-wheeler, the technological laboratory will traverse the nation training teachers and administrators.

McGuire will assume her post on the CyberEd truck in Los Angeles, Calif. Aug. 23 and 24, where she will teach inside the mobile classroom.

"Congress designated 15 empowerment zones throughout the nation," McGuire said. "I feel honored to have been chosen to train the people who will teach parents and students how to enhance education through use of the Internet."

When CyberEd was in the planning process, the director of technology-based learning systems at New York Institute of



Photo/Brian E. Trombley

Linda McGuire (left) shows Bryan Thompson a little about navigating the Internet as Bonnie Berry looks on.

Technology indicated the state's Teacher Centers were ideally set up to make the program possible.

McGuire's name was not chosen out of the hat.

She has been affiliated with SUNY Plattsburgh's North

Country Teacher Resource Center since 1984 and is currently the Policy Board chair.

She has also served for two years as a member of the state Teacher Center Technology Committee, which oversees the

state's centers and teaches computers. McGuire is also Computer Coordinator at Ausable Valley Central School.

"We're very proud to know that one of our own has been chosen to teach other educators," said Resource Center Director Bonnie Berry. "We still don't have any permanent funding in the state budget, yet teacher centers across New York state have been recognized nationally for the work we do."

McGuire may not be the only Resource Center member to hop on board the CyberEd rig. Margaret Campion has applied to teach in the Rio Grande Valley.

Campion is the program coordinator and is in charge of its technology program. Her ability to speak Spanish puts her in a prime position to teach in southern Texas.

"CyberEd does not plan to abandon these areas after they visit them," McGuire said. "MCI and the other big businesses sponsoring the project plan to continue supporting these areas."

The outfitted semi began its tour across America in Detroit April 26 and will spend three days in each of the 15 cities.

11:50 PM MCI FILE

10:05 AM 10:05:22

P. 10

White House Kicks Off Cross-Country Truck Trip for Technology Training

A traveling classroom on wheels is making its way across the United States in a project to bring technology training directly to teachers in the nation's neediest schools.

Tech Corps — a nonprofit, volunteer organization — announced the project at a White House ceremony attended by Vice President Al Gore and Education Secretary Richard Riley. Dubbed the CyberEd program, the traveling classroom is designed to provide hands-on Internet and advanced, on-line communications training to local educators and community leaders. The educators then are to be encouraged to integrate the technologies with their current teaching curricula.

Throughout the year, CyberEd and other White House programs will provide free hardware, connectivity, training and Internet access to more than 400 schools in 15 designated areas with a demonstrated need for economic revitalization.

"CyberEd was created to support the White House initiative to foster meaningful partnerships between private-sector businesses and their communities," said Tech Corps Executive Director Karen Smith. "We hope the CyberEd program will mobilize community members to seek out new ways to improve their educational resources."

The showcase for CyberEd is an 18-wheel truck rig that has been transformed into a state-of-the-art cyber classroom on wheels. Sponsored by a group led by the MCI Foundation and other organizations, the rig is equipped with personal computers, Internet connectivity, CD-ROMs, presentation facilities, printing, faxing and videoconferencing services.

The CyberEd truck began its tour in Detroit in late April, and heads to the Kentucky Highlands area May 8-11. Other stops will be made in Boston, May 15-18; Chicago May 21-25; New York City May 29-June 2; Philadelphia June 5-8; Baltimore June 12-15; Cleveland June 19-22; Atlanta June 26-29; the mid-delta area of Mississippi July 10-13; Houston July 17-20; the Rio Grande area of Texas July 24-27; Kansas City, Mo., July 31-August 3; Oakland Aug. 14-17; and Los Angeles Aug. 20-24.

During the first day of the truck's visit to an area, the program provides a two-hour content session on the truck for school administrators and community leaders, followed by a session for parents. On days two and three, morning and afternoon content sessions are held on the truck for teachers, with evening sessions for parents.

Day four includes morning and afternoon content sessions on the truck for families, plus a morning roundtable conference convened by Empowerment Zone personnel and representatives from local government, businesses, foundations and organizations committed to assisting the schools with educational technology.

The MCI Foundation is leading the effort for the truck's tour. Other participating groups include the Milken Family Foundation, Microsoft Corp., the William McGowan Charitable Fund, Corning, Inc. and DSC Communications Corp.

"By teaching the teachers, we do far more than provide technology in classrooms," said MCI Chairman and CEO Bert Roberts during the White House ceremony. "We help our educators build bridges between technology and education — between children and the vast world of the Internet."

For more information, contact Karen Smith at (508) 620-7749.

EDUCATION TECHNOLOGY NEWS

SILVER SPRING, MD
BI-WEEKLY

MAY 7 1996



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Transcript

DATE June 3, 1996
TIME 6:00-6:30 PM
STATION KYW-TV (CBS) Channel 3
LOCATION Philadelphia
PROGRAM News 3

Stephanie Stahl, co-anchor:

A computer on wheels pulled into Camden this morning. The traveling laboratory provides hands-on Internet and advanced on-line communications training for teachers. They are encouraged to use what they have learned back in their own classrooms.

The program provides free hardware and training to more than four hundred schools in empowerment zones across the nation, including Camden.

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A BURELLE'S SERVICE

Transcript

DATE June 3, 1996
TIME 5:00-6:00 PM
STATION WCAU-TV (NBC) Channel 10
LOCATION Philadelphia
PROGRAM News 10

John Blount, co-anchor:

A big rig on the information superhighway pulls into Camden for a visit. Now it's called the Cyber Ed tractor trailer; students from the empowerment zone schools in Camden and Philadelphia will be touring the state-of-the-art vehicle through tomorrow just to look around.

Now the Cyber Ed idea is to bring 21st Century education to poorer school districts across the country. HUD Secretary Henry Cisneros helped kick off the White House fact program today at the Camden Board of Education.

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A BURELLIETS Ansofa

Transcript

DATE June 3, 1996
TIME 6:00-6:30 PM
STATION WPVI-TV (ABC) Channel 6
LOCATION Philadelphia
PROGRAM Action News

Jim Gardner, anchor:

A high-tech classroom rolled into Camden today. The Cyber Ed program came to the parking lot at Cooper and Delaware Avenue in Camden. Federal Housing Secretary Henry Cisneros, joined Congressman Rob Andrews and Mayor Arnold Webster at the Cyber Ed demonstration.

The eighteen-wheel Cyber Ed classroom is visiting schools in federal empowerment zones; it will provide on-line communication training to teachers across the country.

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BURRILL'S ANALYST

Transcript

DATE TIME STATION LOCATION PROGRAM

June 3, 1996 10:00-11:00 PM WTXF-TV (FOX) Channel 29 Philadelphia The Ten O'Clock News

Jill Cherackoff, co-anchor:

A big rig transformed into a state-of-the-art, functional cyber classroom rolled into Camden, New Jersey, today. Cyber Ed, a travelling eighteen wheel classroom, provides hands-on Internet and on-line communications training to educators and community leaders all across the country.

On hand for today's session was HUD Secretary Henry Cisneros who has spoken support of the Tech Corps program. Tech Corp is a national, non-profit group of technology volunteers who try to integrate technology into the learning environment.

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A. BUSHNELL'S ATTORNS

Transcript

DATE June 3, 1996
TIME 12:00-12:30 PM
STATION KYW-TV (CBS) Channel 3
LOCATION Philadelphia
PROGRAM News 3

Carol Erickson, co-anchor:

State-of-the-art education pulled into Camden this morning in the form of an eighteen wheeler truck turned into a classroom. The travelling laboratory provides hands-on Internet and advanced on-line communications training to local educators. The teachers are then encouraged to use what they have learned back in their own classrooms.

The Cyber Ed program will provide free hardware, training and the like, to more than four hundred schools in empowerment zones across the nation, including Camden. And that big rig will be in Camden for the next two days.

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A **BURDETT'S** AIRWAY

Transcript

DATE June 4, 1996
TIME 5:30-6:00 AM
STATION KYW-TV (CBS) Channel 3
LOCATION Philadelphia
PROGRAM News 3

Brandon Brooks, co-anchor:

One project in the empowerment zone is this computer on wheels. The travelling laboratory pulled into Camden yesterday to provide hands-on Internet and advanced on-line communications training for teachers. They are then encouraged to use what they have learned back in their own classrooms.

The program provides free hardware and training to more than four hundred schools in empowerment zones across the nation including the City of Camden.

Carol Erickson, co-anchor:

Looks like computers are here to stay!

Brooks: You might say so.

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MAY 20 1996

Rolling High-Tech Classroom Takes Internet to Schools

By Deb Riechmann
Associated Press

1447E
Several high-tech companies are using a tractor-trailer to deliver the Internet to children at schools in underprivileged areas.

The rolling classroom, called CyberEd, began its journey to schools in the nation's 15 empowerment zones in April. The truck is on a 122-day tour.

"If America is to stay competitive, our schools have got to embrace the Information Age," said Bert Roberts, the chairman of MCI Communica-

tions Corp. "We cannot become a nation of information haves and have-nots."

Mr. Roberts came up with the idea for CyberEd after witnessing the attention showered on an MCI mobile showroom. MCI refitted the showroom truck and launched the CyberEd training program.

The black 18-wheeler painted in neon colors looks like a computer-age bookmobile. Instead of books, there are six computer work stations with laser printers, videos and fax machines.

The program was financed with \$1 million in contributions from MCI, the Milken Family Foundation, Microsoft

Corp., Caring Inc., DSC Communications Corp. and the William G. McGowan Charitable Fund.

Tech Corp., a nonprofit organization designed to take volunteers into schools to introduce new technologies, will help train principals, teachers and parents in using computers to educate students.

The CyberEd tour will run through August, taking the truck from Detroit to Boston to Mississippi and Los Angeles, with many stops along the way.

The first stop, however, was the White House, where Vice President Al Gore joined students from Commodore John Rodgers Elementary School in Baltimore.

In February, Mr. Gore announced an initiative to connect every school in the empowerment zones to the Internet by the end of the year.

PREPARED REMARKS BY
VICE PRESIDENT GORE
AT NETDAY CONFERENCE
June 29, 1996

Good morning. It's a pleasure and an honor to be with the people who are going to make NetDays happen all across America -- and put the future at the fingertips of our children.

I would like to thank Secretary Riley for that nice introduction, and I wish to return the favor. Mr. Secretary, you are an inspiration to anyone who cares about the future of education in America. I congratulate you for a lifetime of effort on behalf of our children. The report you are releasing today will be a touchstone for our educational technology initiative and for educators and communities everywhere.

I also want to thank Reed Hundt, who is indefatigable in his support for educating children wisely using information technology. He has been a leader in promoting our dream of connecting every classroom, library and hospital to the information superhighway by the year 2000. And no Chairman or Commissioner of the FCC has ever worked harder to make television a positive, educating force in our children's lives than Reed Hundt.

I want to thank the many people and companies that have helped make the NetDay movement a reality:

- John Gage and Michael Kaufman for coming up with the idea;
- Sun Microsystems, Cisco and Bell South for sponsoring this conference;
- The tens of thousands of parents, union members, engineers, teachers, and companies that came out for NetDay in California on March 9th;

As you know, the President and I have been big fans of the NetDay concept from the very beginning.

Last fall, we met with the CEOs of many of America's leading computer and communications companies to help catalyze a critical mass of support for the California NetDay.

President Clinton highlighted NetDay in his State of the Union address, and wrote personally to the largest employers in California, urging them to participate in this "electronic barnraising." And on March 9th, the President and I, along with Education Secretary Riley, our now-departed friend Commerce Secretary Ron Brown and FCC Chairman Reed Hundt, joined tens of thousands of volunteers to install 6 million feet of wire in California's schools.

But NetDay's impact goes well beyond the physical wiring of the schools.

NetDay is an important first step to bringing our schools in to bringing our schools in to the 21st century. Ensuring that our children are "technologically literate" will help prepare them for the information economy of the 21st century. By the year 2000, 60 percent of all jobs will require computer skills. Workers with computer skills already earn 15 percent more than those who lack them.

Educational technology, used creatively, can also change the way teachers teach and students learn.

In some classrooms in America, teachers are using the Internet to exchange lesson plans with each other, keep up with the latest developments in their field, and communicate more frequently with parents.

Students are modeling the energy efficiency of their houses on remote supercomputers, collecting and sharing environmental data with children all over their world through the GLOBE program, and using primary documents from the Library of Congress to complete a history project.

Educational technology can help engage and excite students and allow them to participate in "communities of learners" that extend far beyond the four walls of the classroom.

NetDay is also an important model for how we can work together to solve problems and take advantages of opportunities.

- It doesn't rely on the invisible hand of the marketplace or the heavy hand of big government, but the volunteerism and goodwill of thousands of parents, teachers, engineers, and business leaders.
- It allows people with a shared interest in upgrading the technology in their local school to find each other in a grassroots, "self-organizing" fashion.
- It forms bonds between the school and the community that are more important than the physical connections that were made.
- It shows that, as the saying goes, "if we all do a little, we can do a lot."
- And once the people of California demonstrated that this crazy idea could actually work, it has spread like wildfire across the nation, a great illustration of our "laboratories of democracy."

In our enthusiasm for this new technology, we sometimes forget that we still live in real, physical communities. Rather than retreating to cyberspace and withdrawing to a million separate chat rooms, let's use the 'Net to make information about the state of our schools, our environment, and our communities easy to access, easy to organize around, and easy to act upon. Let's use the 'Net to reinforce the values of democracy, accountability, volunteerism, and civic pride.

Obviously, NetDays must be part of larger strategy to bring our schools in to the 21st century. Connecting the schools is only the first step.

President Clinton's Educational Technology Initiative rests on four pillars.

First, we must give our teachers the training they need to use this technology in creative and innovative way. They must have not only technological know-how, but know-why, a clear sense of how technology can support new ways of teaching and learning.

Second, we must ensure that all of our children have access to multimedia computers. Today, there is only one multimedia computer per 38 students.

Third, we have to connect all of our classrooms to each other, to the Internet, and to other advanced telecommunications services.

Finally, we have to promote the development of high-quality software and other educational applications.

President Clinton and I have been working with educators, the Congress, the private sector, and with state and local communities to achieve these goals. Already, we have made significant progress.

In October of last year, we announced Tech Corps, an all-volunteer organization which now has chapters in 33 states and the District of Columbia.

On February 8th, the President signed the Telecommunications Act of 1996, which will encourage the provision of affordable telecommunications services to schools and libraries.

On February 13th, our private-sector NII Advisory Council released their "KickStart" report, which makes a compelling case that we need to connect our schools, libraries and community centers to the information superhighway by the year 2000. The report also highlights success stories from around the country, and serves as a great resource for local community organizers.

On February 15th, the President unveiled a proposal for a five-year, \$2 billion Technology Literacy Challenge at the Christopher Columbus School in Union City New Jersey. This initiative is designed to help leverage state, local and private-sector efforts to meet educational technology goals in computers, connections, teacher training, and educational software.

On February 23rd, I announced an initiative, led by AT&T and America Online, to connect every school in every empowerment zone in the United States to the information superhighway.

On April 17th, I launched CyberED, an eighteen-wheel rig loaded with computer workstations and a video conferencing center. CyberED is visiting every empowerment zone to train teachers on how to use networked computers in the classroom.

On May 29th, we joined with 11 major educational organizations to announce the 21st Century Teachers Initiative. These organizations have committed to recruit 100,000 technologically literate teachers who will each train another five of their colleagues this school year.

This year, we have the opportunity to realize the enormous potential of the Telecommunications Act. When President Clinton signed the Telecommunications Act of 1996, he made law a provision that will help make connections to the information superhighway affordable for schools and libraries across the country as part of the universal service fund.

I believe that our children deserve the opportunity to take full advantage of information technology if we expect them to succeed in the Information Age. That is why the President and I are committed to making telecommunications services and educational technology available to every student and teacher by the end of this decade.

In order for telecommunications services to be truly universally available, I believe that we should have an educational rate, an "E-rate" that is a free rate for basic telecommunications services for schools and libraries. And we should have an E-rate that allows schools to have advanced telecommunications services at a deep discount.

I call on the FCC, the state regulators, parents, teachers, school administrators, the information and telecommunications industry and public interest groups to join us in a national discussion on the best way to make the E-rate a reality.

I am convinced we can reach this goal in a way that promotes education while protecting ratepayers, that spreads the benefits and the burdens in an equitable manner and that empowers communities to use these new technologies and services in the best way that they see fit to use them.

This Administration will pursue this goal in a way that ensures that:

- the services made available meet recognized educational objectives, including the need for adequate bandwidth;
- all competitors have access to the universal service fund subsidies to serve schools and libraries;
- the subsidies are technology-neutral; and
- that there is a dynamic and open process for defining the services and packages using advice and counsel from all groups that have a stake in the future of our educational system.

I congratulate Secretary Riley, Rep. Ed Markey and Senator Byron Dorgan for their work in promoting the E-rate. I look forward to working with them and, I hope, many others in this effort.

I wish all of you the greatest success as you return to your community to help organize a NetDay in your state.

I ask for your help.

First, continue to share your ideas with us and with each other. None of us is as smart as all of us. Already, states are developing new models that build and expand upon the California experience.

Second, please make a special effort to reach out to disadvantaged and rural schools. Among schools with large numbers of low-income students, just 31 percent have Internet access -- half the rate of schools with wealthier children. We must redouble our efforts to close this digital divide.

Third, remember that a NetDay must be more than a one-day "flash in the pan." Not all schools will be ready to participate in a NetDay this fall. Some states are already planning additional NetDays for 1997, which I think makes a great deal of sense. Even a successful NetDay is only the first step. That's why we need to make 1996 and 1997 "NetYears."

President Clinton and I will continue to do all we can to give every child the tools needed to be technologically literate. But our Educational Technology Initiative will not be a success without the active participation of parents, educators, volunteers, and business leaders all across America. It will not succeed without the hard work and creativity of people like you.

Thank you very much.

National Netday Conference

Washington Hilton, Washington, D.C.
11:00 am Saturday June 29, 1996

Meeting requested by Greg Simon/Jim Kohlenberger
Briefing prepared by Jim Kohlenberger/Toby Donenfeld

EVENT

You are giving the keynote address to about 500 parents, teachers, Netday community organizers, state elected representatives, and information industry leaders from at least 34 states at the National Netday How-to conference.

LOGISTICS (As of this writing, subject to change)

- Upon arrival, Greg Simon and Jim Kohlenberger will meet you in your hotel for a briefing prior to your speech.
- After your briefing and before the speech, you will be greeted by ___ for quick photos.
- Reel Hundt will make remarks and introduce Secretary Riley who is joining you in releasing a report titled "Getting America's Students Ready for the 21st Century: Meeting the Technology Literacy Challenge." Secretary Riley will introduce you. After your remarks, Secretary Riley and John Gage are holding a press conference to reinforce your message on the E-rate and on the report.

YOUR ROLE/CONTRIBUTION

As one of the father's of the Netday movement, this is your opportunity to:

- **California success.** Take some credit for California's successful Netday and tell your story as a volunteer.
- **Ed/Tech Vision.** Lay out your vision on the importance of educational technology and the administrations accomplishments in providing our kids with the educational tools they need.
- **Netday's across the country.** Challenge those present to connect at least 20% of their classrooms this next school year while ensuring equity of access
- **E-Rate.** Announce your support for free basic telecommunications services for all schools in the country as the way to implement Snowe-Rockefeller.

PROGRAM NOTES

- **About the conference** -- This conference, being organized by a non-profit called Netday Inc., is an effort to bring together those leaders who are organizing Netdays that will replicate California's success across the country. In addition to sessions on a wide range of topics, organizers will leave the conference with a comprehensive binder containing everything they need to know about replicating California's success. The conference is made possible by grants from Sun Microsystems and Cisco Systems.
- **State Netdays** -- Different states are at different point in their organizing process. In total there are about 30 states that are pursuing some sort of Netday. The states that are furthest ahead and have their own home pages up include, North Carolina, Minnesota, Montana, Louisiana, New Jersey and Massachusetts. We are working individual state announcements and volunteer time into yours and the President's schedules as you travel to the various states.
- **National Netday Home page** -- As you know, the Netday home page was the central organizing tool for organizing volunteers. Today a national Netday homepage will be unveiled allowing anyone from any state to find their local school and volunteer to wire it.
- **Other administration officials** -- Besides, Riley and Hundt, other Administration officials who are speaking at the conference are Larry Irving and Linda Roberts, the Director of Educational Technology at the Dept of Education (and a former Tennessean.)
- **Ed/Tech Report** -- You and Secretary Riley are releasing a 70-page report on educational technology called "Getting America's Students Ready for the 21st Century: Meeting the Technology Literacy Challenge." The report focuses on how schools, communities and states can use technology to raise student achievement, help students meet challenging standards set by their states and communities, and accomplish the four goals that are the pillars of the President's challenge to the nation.
- **E-Rate** -- As you know, the Snowe-Rockefeller-Exon-Kerry amendment to the Telecommunications Act of 1996 requires that schools and libraries receive discounted rates for "special services." Rep. Markey and Senator Dorgan have made a proposal for the implementation of the provision called the "E rate" or education rate." This proposal would establish a free E rate for a package of basic services to schools and libraries and a discounted E rate for access to more advanced services. Taking that proposal, and with the help of NTIA, we have laid out for you four goals to be met through Snowe-Rockefeller:
 - 1) Services available to schools must meet educational objectives, i.e., transmission speeds must be adequate to permit meaningful use of the Internet.

- 2) All competitors must have access to the universal service fund subsidies to serve the schools and libraries
- 3) The subsidies must be technology neutral
- 4) A process should be created for defining these services and packages that is flexible and open to input from teachers, parents, and communities.

ATTACHMENTS

- Conference Agenda
- Report Executive Summary
- Map of Netday State Status

NETDAY96 HOW-TO CONFERENCE AGENDA

Saturday, June 29, 1996

Registration: 8:00-9:00 a.m. Concourse Level

Continental Breakfast: 8:30-9:00 a.m. International Ballroom East

**Masters of Ceremonies: John Gage and Michael Kaufman
NetDay 96 Co-founders**

Getting Organized at the State Level: 9:00-10:30 a.m. International Ballroom East

Moderator: Michael Kaufman, NetDay96 Co-founder

California NetDay96:	Michael Kaufman
North Carolina NetDay 96:	Dave Boliek
Minnesota NetDay96:	Ian Griffin
Illinois NetDay96:	Daniel Morgan, Jr.
DC, VA, & MD NetDay96 Coalition:	Teresa Willyard

Education and Technology: 10:30-12:00 p.m. International Ballroom East

Featured Speakers:

Al Gore, Vice President of the United States

Richard W. Riley, Secretary of Education

Reed Hundt, Chairman, Federal Communications Commission

Dindo Rivera, K-12 Consultant & Service Executive, IBM

Networking Luncheon: 12:00-1:00 p.m. International Ballroom West

Featured Speakers:

Linda Roberts, Director, Office of Educational Technology

Larry Irving, Asst. Sec. for Communications & Information, Dept. of Commerce

Breakout Sessions: 1:00-4:00 p.m. Various Locations

Attendees have been assigned a rotation schedule in order to participate in all three sessions. Please check your confirmation form for your schedule.

A. Partners: Lincoln Room East

Moderator: Jay Backstrand, Business Development Manager, Sun Microsystems

Labor:	George Datz, Director of Research, CA School Employees Association
Business:	Michael Powell, Group Dir. & Sr. Advisor, Pacific Bell Ed. Market
Volunteers:	Robert K. Goodwin, President & CEO, Points of Light Foundation
Education:	Linda Roberts, Director, Office of Educational Technology
Government:	Gerald Kavanaugh, Economic Advisor, Office of Senator Kennedy

B. Things to Do at the Local Level Lincoln Room West

Moderator: Lisa Smith, NetDay Project Coordinator, Sun Labs

School Participation:	Carole Teach, Mgr., K-12 Network Planning, CA Dept. of Ed.
Technical Planning:	Steve Turner, CEO, Turner Communications
Kit Components:	Kent Novick, Marketing Manager, Anixter, Inc.
Organizers & Volunteers:	Judy Reavis, VP, Hermes Systems Management

C: Technical Issues: Monroe Room

Moderator: Teresa Wann, California NetDay96

Category 5 Cable:	Roger Mendoza, Quest
Web Site Management:	Liam Kirsher, Webmaster, NetDay96
Facilities:	Paul Christenson, Owner, Chriscom
Risk Management:	Michael Kaufman

What's Next: 4:00-5:00 p.m. International Ballroom East

Education:	Shoumen Datta, Director of Development and Strategic Technology, San Francisco Unified School District
Hardware:	Lawrence Brown, Consulting Engineer, Cisco Systems
Equity:	Michael Casserly, Executive Director, Council of the Great City Schools
Internet Service Providers:	Tom J. Spadafore, Manager, Education Business Development
NetDay96	Michael Kaufman

No-Host Networking Party: 5:00-8:00 p.m. International Ballroom West

Please join us for no-host cocktails where you can network with other NetDay96 conference attendees and visit several NetDay96 partners' exhibit tables.

This Conference was made Possible by Grants from Sun Microsystems and Cisco Systems (with additional funding provided by BellSouth Corporation)

Special thanks go to Pacific Bell's Education First Program for providing continental breakfast and for refreshments during the morning break, to Farallon Communications for providing refreshments during the afternoon break, and to Anixter, Inc. for providing the hors d'oeuvres during the No-Host Networking Party.

Special thanks also go to our press liaison, Liz Kniss, Program Manager, Sun Labs.

EXECUTIVE SUMMARY

BACKGROUND

Technological literacy — meaning computer skills and the ability to use computers and other technology to improve learning, productivity, and performance — has become as fundamental to a person's ability to navigate through society as traditional skills like reading, writing, and arithmetic. Yet, for the most part, these new technologies are not to be found in the nation's schools. Students make minimal use of new technologies for learning, typically employing them for only a few minutes a day. Indeed, the hard realities are that only 4 percent of schools have a computer for every five students (a ratio deemed adequate to allow regular use) and only 9 percent of classrooms are connected to the Internet. In schools with large concentrations of low-income students, the numbers are often even lower. Research and the experiences of schools in the forefront of the current "digital revolution," however, underscore the enormous learning opportunities available through technology.

THE TECHNOLOGY LITERACY CHALLENGE

In explicit acknowledgment of the challenges facing the education community, on February 15, 1996, President Clinton and Vice President Gore announced the Technology Literacy Challenge, envisioning a 21st century where all students are technologically literate. The challenge was placed before the nation as a whole, with responsibility for its accomplishment shared by local communities, states, the private sector, educators, parents, the federal government, and others.

The challenge, however, is more than a vision. At its heart are four concrete goals that help to define the task at hand:

- All teachers in the nation will have the training and support they need to help students learn using computers and the information superhighway.
Upgrading teacher training is key to integrating technology into the classroom and to increasing student learning.
- All teachers and students will have modern multi-media computers in their classrooms.
Computers become effective instructional tools only if they are readily accessible by students and teachers.
- Every classroom will be connected to the information superhighway.
Connections to networks, especially the Internet, multiply the power and usefulness of computers as learning tools by putting the best libraries, museums, and other research and cultural resources at our students' and teachers' fingertips.
- Effective software and on-line learning resources will be an integral part of every school's curriculum.
Software and on-line learning resources can increase students' learning opportunities, but they must be high quality, engaging, and directly related to the school's curriculum.

INVESTING IN THE CHALLENGE:

MEETING THE COST

Many components add to the cost of getting up-to-date technology and training into classrooms across America. Among the most obvious are hardware and software costs; connections within schools and to the Internet; the initial training and long-term support of teachers; and infrastructure improvements such as

increased electrical capacity). The difficulty, however, is arriving at reliable estimates of what it will cost to meet all four goals. One reason for this difficulty is determining how schools should ultimately be outfitted. Another difficulty is the varied levels of technology currently found in schools around the nation. Yet another reason is that the technology itself is rapidly evolving.

Despite such complex variables, some organizations have produced estimates based on various models and assumptions. One estimate puts the cost at \$109 billion over 10 years, or an average of \$11 billion a year, taking into account both initial investments and ongoing expenditures. Another estimate puts the cost at between \$10 billion and \$20 billion a year over a five-year period. Yet another puts the cost at between \$10 billion and \$12 billion a year over five years. To put this into perspective, schools spent about \$3.3 billion on technology during the 1994-95 school year.

The conclusion that leaps from these numbers is that schools alone cannot meet their need. It will take a partnership of the private sector, states and local communities, and the federal government to shoulder the financial burden of meeting these goals. Additionally, it will take careful planning to make certain that, in our reach for technological literacy, schools in all types of communities — middle-income, lower-income, and better-off communities — have access to up-to-date technology in their classrooms.

WHAT WE ALL CAN DO TO MEET THE CHALLENGE

The nation already has taken steps to integrate technology into schools, but what remains to be done looms large. While acknowledging the federal government's leadership role, the purpose of this report is to present a framework that states and local communities can use in developing local plans of action that will support the use of technology in achieving high standards of teaching and learning in all classrooms for all students. It will take contributions from all sectors of society to get America's students ready for the 21st century.

Federal Role

The federal government's role is to provide the momentum to support state and local efforts to meet the Technology Literacy Challenge. This is done through leadership, targeted funding, and support for activities that will catalyze national action. Building on current educational technology activities, the president proposed the Technology Literacy Challenge Fund. Making \$2 billion available over five years, the fund would spur states, local communities, and other involved parties to step forward, produce matching dollars and in-kind contributions, and cooperate with one another in attaining the four goals. Additionally, in its leadership capacity, the federal government will continue to promote affordable connections, to support professional development, and to conduct research and development.

State and Local Community Roles

Appropriately, a number of states and local communities have been the leaders in moving schools toward an increased use of technology for learning. States and communities can continue to take the lead in developing action plans based on their own priorities. They can distribute funds based on the needs of individual districts to promote equity among schools, and use existing educational funds in new ways. They can invest in technological infrastructure to connect schools to networks. And they can make a concerted effort to build community support.

Higher Education and Private and Nonprofit Sector Roles

Institutions of higher education, businesses, foundations, and other organizations will need to shoulder a large share of the effort to integrate technology into schools. And the push is already on. Collectively, businesses have developed technology specifically for the education market and have donated millions of dollars of resources to schools. Colleges and universities across the country are training teachers in the effective use of technology. Still, these kinds of efforts will have to be magnified many times over for the vision of technological literacy to be realized.

THE WHITE HOUSE
Office of the Vice President

FOR IMMEDIATE RELEASE
THURSDAY, November 7, 1996

CONTACT: 202-456-7035

STATEMENT OF VICE PRESIDENT GORE

I am very pleased that the FCC's Federal-State Joint Board on universal service has today unanimously voted to respond to President Clinton's call to give every classroom and library in the country affordable access to the information superhighway.

The President has set ambitious goals for the nation's education system: every 8-year-old reading, every 12-year-old able to log onto the Internet, every 18-year-old able to go to college, and every classroom with Internet access. Today, this bipartisan panel of federal and state policymakers has issued recommendations that embrace and bring the last goal within reach, making the first three far more attainable.

It is no secret and no surprise that access to technology in the nation's schools and classrooms is tremendously unequal. Wealthier schools are twice as likely as poor schools to have Internet access, and wealthier students use computers 20 percent more than their poorer peers.

While the FCC will not make a final decision until May 1997, the Joint Board's recommendations represent a bold move toward eradicating this gap. The Joint Board recommends very significant discounts for virtually every service a 21st century school or library will need. It recommends discounting for networking within the schools as well as to the school, and it helps to ensure that the schools and libraries will always have access to the latest technology -- all of this within a competitive framework that should keep costs relatively low. The average discount will be 60 percent. One-third of schools will get at least an 80 percent discount, and the poorest 15 percent of schools will get a 90 percent discount.

For four years, the President and I have pledged to bring communications technology into our schools and our communities so that every student has a fair opportunity to cross that bridge to the 21st century. With "NetDays," states around the country are connecting schools at record rates. Our program to work with the private sector to connect the classrooms in the Empowerment Zones this year is on track. Congress provided \$257 million for the President's Technology Literacy Challenge fund to match state and private investment in providing schools the four pillars of educational technology: computers, connectivity, software and teacher training. The Joint Board's action today will strengthen the momentum of all of these efforts and help fulfill our promise to provide every child the tools for success in the next century.

Today we owe special thanks first to those Senators who made sure that the

Telecommunications Reform Act of 1996 included and did not ignore our young people -- Sens. Olympia Snowe, Jay Rockefeller, Jim Exon and Bob Kerrey -- and second to the members of the Joint Board for taking the first steps to give meaning to the language of that important statute. The cooperation between state and federal regulatory officials leading to the unanimous vote today should be applauded by all who care about America's schools.

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December 4, 1996

MEMORANDUM FOR THE VICE PRESIDENT

FROM: JIM KOHLENBERGER
TOBY DONENFELD

SUBJECT: EMPOWERMENT ZONE EDUCATIONAL TECHNOLOGY
UPDATE

As you know, last February you set a goal of connecting every Empowerment Zone school to the Information Superhighway this year.

What has been done.

To meet this goal, AT&T and America On-Line have offered free Internet accounts for each of the 450 schools. The President's Executive Order on computers has helped us to transfer more than 2500 computers from federal agencies to these schools. The CyberEd truck that you launched from the White House last April has now visited each of the 15 large urban and rural zones, travelling more than 25,000 miles and training 4500 teachers administrators and parents from the zones in the use of the Internet while catalyzing local efforts to support your initiative.

Completing the goal.

As a result of these efforts, 63% of the EZ schools now have an Internet connection somewhere in the school, putting your goals within reach. The remaining job largely involves providing modems and installing phone lines. We are also having luck working through some of the most challenging problems including schools with asbestos problems, inadequate electrical infrastructure, and schools who aren't interested.

To get the remaining schools on-line we are we are working with the group of CEOs led by Sumner Redstone that you and the President recently announced in Tennessee. We are also working with a group of labor unions who want to help us connect the remaining Empowerment Zone schools. The unions include the AFL-CIO, the Communications Workers of America (CWA), The International Brotherhood of Electrical Workers (IBEW) and the American Federation of Teachers (AFT).

Completion

Connecting the Empowerment Zone schools is probably the single largest effort in the country to bridge the gap between information have and have nots. Since you announced this initiative at the Empowerment Zone conference last year, the upcoming Empowerment Zone conference might be the perfect venue for announcing the completion of the goal to connect every Empowerment Zone school.

Snowe-Rockefeller

As an aside, the recent recommendation by the federal state joint board on Snowe-Rockefeller would give 90% discounts on telecommunications services, inside wiring, Internet service and installation to the poorest schools in the country including the Empowerment Zones.



OFFICE OF THE VICE PRESIDENT

WASHINGTON
January 8, 1997

MEMORANDUM FOR THE PRESIDENT
THE VICE PRESIDENT

FROM: GREG SIMON
JIM KOHLENBERGER

SUBJECT: CABINET RETREAT BRIEFING:
EDUCATIONAL TECHNOLOGY

OVERVIEW

The Clinton Administration has made an unprecedented commitment to bringing technology into the classroom. As a central element of the President's lifelong learning agenda, the Administration believes that technology can help expand opportunities for American children to improve their skills, maximize their potential, and ready them for the 21st century.

In order for us to ensure that all our children have their shot at the American dream, we need to empower them with the technological literacy they'll need to succeed in a new and ever-changing information economy. By 2000, 60% of the new jobs in America will require advanced technological skills. Unfortunately, only 20% of our workforce possesses these skills today.

We have a long way to go. While our workplaces are moving swiftly into the information age, our classrooms are not keeping pace. While our economy is moving swiftly from an industrial to an information economy, our schools too often resemble the assembly line mentality of the industrial age. Today, millions of children have more contact with technology in an afternoon at the video arcade than they do all year in school. We need to change that. We need companies to develop software that is as exciting to learn from as video games are to play. We need schools equipped with the right technology.

If we fail to ensure that all our children are technologically literate, our nation will be poorer economically and spiritually. We will allow our nation to face a new divide -- the divide between those children who have access to technology and those who never have.

That is why the President and Vice President have called on parents, teachers, leading CEOs and others to join us in a new national mission -- to make all children technologically literate by the dawn of the 21st century, equipped with the skills essential for the Information Age.

LEGACY OBJECTIVES

The President and Vice President have laid out four key objectives:

- **Connections.** Connect every school and classroom in America to the information superhighway by the year 2000. *Connections to networks, especially the Internet, multiply the power and usefulness of computers as learning tools by putting the best libraries, museums and other research and cultural resources at our students' and teachers' fingertips. Only 9 percent of classrooms are now connected to the Internet.*
- **Content.** Develop effective and engaging software and on-line learning resources as an integral part of the school curriculum. *Software and on-line learning resources can increase a student's learning opportunities, but they must be high quality, engaging and directly related to the school's curriculum.*
- **Computers.** Provide access to modern multimedia computers for all teachers and students. *Computers become effective instructional tools only if they are readily accessible by students and teachers. Only 4 percent of schools have a computer for every five students (a ration deemed adequate to allow regular use.)*
- **Professional Development.** Provide all teachers the training and support they need to help students learn through computers and the information superhighway. *Upgrading teacher training is key to integrating technology into the classroom.*

Research and the experiences of schools in the forefront of the current "digital revolution" underscore the enormous learning opportunities available through technology.

ACHIEVING THE OBJECTIVES

To reach these objectives, the President and Vice President have announced and identified a series of programs and efforts targeted at educational technology.

- **America's Technology Literacy Challenge.**
Last year, President Clinton asked congress to fund a \$2 billion, five-year Technology Literacy Challenge designed to catalyze state, local, and private sector partnerships in each state to achieve achieving the four education technology goals. Congress supported the President's request and appropriated \$257 million in the omnibus bill for FY97 to launch this challenge. States will be asked to develop a strategy for using the funds to achieve the President's four goals and for ensuring that students in

low-income areas are not left behind. While the states will have complete freedom to design programs, they will be asked to find support from private firms which will be at least as great as the Federal funds requested. They will also be asked to specify timetables and benchmarks and to report progress against these benchmarks to the people of the state annually.

- **Corporate Commission on Educational Technology.**

One of the primary components of the President's educational technology initiative has been private sector involvement. For example last October the President and Vice President announced a corporate commission on educational technology. CEOs of some of several the nation's largest, and most innovative telecommunication companies have joined together on this commission to help meet the President's vision. Sumner Redstone will act as Chairman and Lynn Forrester as Vice Chairman of a new organization that will reach many other CEOs willing to work in partnerships with states and school districts.

- **Universal and Affordable Access to Advanced Telecommunications**

When President Clinton signed into law the Telecommunications Act of 1996, he helped ensure that all schools and libraries have affordable access to advanced telecommunications services. A Federal-State Joint Board established by the Telecommunications Act recently said carriers should discount their services between 20% and 90% when providing them to schools. The unanimous recommendation now goes to the Federal Communications Commission, which must decide by next May on the recommendation. The board's proposal would make available \$ 2.25 billion per year, which would come from an existing fund paid for by telephone companies to support universal telephone access. In addition to discounts for the Internet service itself, schools would be given discounts on the costs of hooking them up to telecommunications networks necessary to tap into the Internet and on the costs of wiring inside classrooms. Other than for the most affluent schools, discounts would range from 40 percent to 90 percent, depending on the wealth of the school and whether it is in a high-cost telecommunications area such as a rural community. Cut rates also would be available to libraries.

- **NetDays**

The President and Vice President brought together information industry leaders on September 21, 1995, to launch a historic effort to connect classrooms in at least 20 percent of California's schools by the end of the year. The initiative, called NetDay96, is a volunteer effort by California companies, universities, parents, teachers, and engineers to install internal wiring in California schools. On March 9, 1996, the President and Vice President and more than 20,000 volunteers laid 6 million feet of cable connecting thousands of California schools with the

technology needed to link classrooms, libraries, and laboratories to the information superhighway. This effort sparked an enormous response around the nation and this last fall all 50 states hosted NetDay events which will bring the nation dramatically closer to our goal of connecting all classrooms to the net by the end of the decade. We have made 1997 NetYear with another series of Netdays taking place across the country on April 19th.

- **Connecting Schools in Empowerment Zones**

Last year the Vice President announced an initiative that will connect every school in every Empowerment Zone in the country to the information superhighway. A number of information industry leaders have joined together to provide Internet accounts. The President issued an Executive Order targeting federal excess and surplus computers to Empowerment Zones. Additionally, private firms sponsored a truck loaded with computers, engaging software, and instructors which traveled to every empowerment zone last summer helping expose the communities to the power of the new technology and helping teachers prepare to use the equipment being installed. This program means that every child living in one of the 15 urban and rural Empowerment Zones will be able to connect to the Internet -- and students and teachers in these Empowerment Zones schools will be able to connect to each other.

- **21st Century Teachers**

The new technology can't make much of an impact on learning unless teachers help find creative new ways to exploit its power and make the new tools an integral part of their teaching. The teachers, and the organizations that support teachers, all have stepped forward to work together to meet the president's challenge. The National School Boards Association, the National PTA, the National Education Association, the American Federation of Teachers, and many other professional and business organizations have launched this initiative which hopes to recruit thousands of teachers who will volunteer to enhance their own understanding of how to use education technology and share their expertise with others.

- **Tech Corps**

The President announced the creation of the Tech Corps -- a national organization of private sector volunteers with technological expertise dedicated to improving K-12 education at the local level. Tech Corps was launched as a private-sector response to the President's national mission. Its purpose is to recruit, place, and support volunteers from the private sector to advise and assist schools in integrating new technologies into the classroom. Official Tech Corps chapters have been formed in 35 states plus the District of Columbia. Tennessee has a very active chapter with many volunteers from the Knoxville area.

- Grants to Schools Through the Telecommunications and Infrastructure Assistance Program (TIIAP)**
 The Clinton Administration created the Department of Commerce's Telecommunications and Information Infrastructure Assistance Program (TIIAP), which makes grants to public institutions to speed the flow of information through the application of advanced communications technology. TIIAP has accelerated the pace of connecting public institutions and has stimulated significant private sector investment. This program has enabled the federal government to leverage \$24.4 million in federal funds to provide a total of \$64.4 million in cutting-edge demonstration projects for public institutions.
- Connecting Students to the Environment**
 The Vice President initiated the Global Learning and Observations to Benefit the Environment (GLOBE) Program in 1994. GLOBE joins students, educators, and scientists in an international science and environmental education network using state-of-the-art technology. GLOBE students make environmental observations at or near their schools and share their data through the Internet. More than 2,000 schools in the U.S. participated in GLOBE in 1995.
- The Technology Challenge Program**
 In order to help spur innovative content development, this administration created the Technology Challenge Program. This program invites school systems, colleges, universities, and private businesses to form partnerships to develop creative new ways to use technology for learning. These local innovation grants focus on integrating innovative learning technologies to improve teaching and learning. Each federal dollar is matched by more than 3 to 1 by local and private funds. The 19 consortia funded last year are reaching schools with 1.2 million students and involve partnerships with businesses, museums, libraries, and parks in school systems around the nation. These 19 programs will be continued and an additional 24 partnerships have also been funded. The new partnerships will allow 24 school districts to work in partnership with a total of 153 other school districts and 130 businesses in 34 states.

CHOICES AND QUESTIONS

- How do we do a better job at bridging the gap between the information haves and have nots?
- How can we make better use of the expertise and resources of a broader range of cabinet agencies in meeting the core objectives?
- How do we better connect the issues of educational technology, school reform and basic school infrastructure?
- How can we bring the President's challenge on educational technology to

every school room, corporate board room, teacher's lounge and dining room table?

- How do we address the concerns of those schools who say that they have more important concerns than technology, collapsing buildings, heating problems, textbook shortages, crime etc.?
- How do we ensure that educational technology actually becomes an important part of the curriculum and rooted in learning?
- As advances in technology race ahead, how do we ensure that our children keep up?



Clinton seeks \$500M for educational technology

By Bill Nichols
USA TODAY

President Clinton will announce today that his 1998 budget plan asks for a substantial increase in spending on educational technology and hooking schools to the Internet.

Vice President Gore, in an interview Monday, said Clinton will open a news conference at 2:30 p.m. ET with the announcement. Clinton plans to ask Congress for about \$500 million in the next fiscal year for two technology programs.

Details:

► Clinton wants to increase funding for the Technology Literacy Challenge Fund to \$425 million in fiscal 1998, which starts Oct. 1, up from \$200 million this year. The fund offers states federal help in providing schools with Internet access and cutting-edge educational technology.

Clinton wants to spend more than \$2 billion over five years on the fund.

The administration already can claim some success in achieving its goal of having a computer in every public school classroom by 2000.

The ratio of students per computer is down from 16 in 1993 to 10 this year, according to Quality Education Data in Denver.

► The new budget seeks \$75 million, up from \$57 million in the current year, for public-private partnerships that create programs designed for specific communities.

Gore said the administration, which has been stressing bipartisan cooperation in recent weeks, feels confident Congress will give the proposals a good hearing.

"We're very optimistic that the Congress will be supportive on a bipartisan basis," Gore said.

There are signs, however, that Clinton's education agenda could become a flash point when he formally presents his budget Feb. 6.

House Ways and Means committee chairman Bill Archer, R-Texas, has questioned Clinton's plan for \$40 billion in tuition tax breaks to increase college enrollment.

Overall, Clinton wants to boost education spending to \$29 billion in 1998 from \$26.3 billion this year.

Contributing: Tamara Henry

USA TODAY |
TUESDAY, JANUARY 28, 1997

NATIONLINE

America Online to offer some customers refunds

America Online said it is offering refunds on a case-by-case basis to customers who are complaining that they cannot get the service they paid for. Refunds to dissatisfied customers have "always been our policy," AOL spokeswoman Wendy Goldberg said. The refunds may take the form of free on-line service, such as extra months, instead of cash, she said. Users have complained about recurring outages and difficulty gaining access after AOL began a flat \$19.95 monthly fee for unlimited access. Some states say the service oversold a product that it couldn't reliably deliver. AOL Chairman Steve Case said last week on the cable network CNBC that the company was not considering refunds.

North Carolinians rally for justice



By Peter A. Heris, AP

Peaceful protest: Devan Johnson, 8, takes the hand of Mickey Davis, 3, during the 'Black Monday' rally in Charlotte, N.C. Also shown are Devan's brother, Fred, and Mickey's dad, Dante. Civil rights leaders urged black and white people to seek justice after two probes cleared a white police officer of wrongdoing in the Nov. 19 shooting of black motorist James Cooper, 19.

TORNADO IN TEXAS: A tornado damaged several buildings and overturned mobile homes when it struck along Spencer Highway in Pasadena, Texas, officials said. No serious injuries were reported, but one side of a two-story office building was torn away and part of a mini-storage warehouse was reduced to rubble. Philip Riegel said he was driving with his children when the tornado appeared in front of his car. He said he turned around and drove away. "It reminded me of that movie *Twister*," he said. "It was a very, very frightening experience."

APOLLO REMEMBRANCE: Air Force pilots flew over Cape Canaveral in the missing-man formation, concluding a service for the three Apollo 1 astronauts killed in a launch pad fire 30 years ago. Virgil "Gus" Grissom, Edward White II and Roger Chaffee died inside their burning capsule during a test on Jan. 27, 1967. NASA has generally not observed the anniversary but has held programs in memory of the space shuttle Challenger's explosion, 11 years ago today.

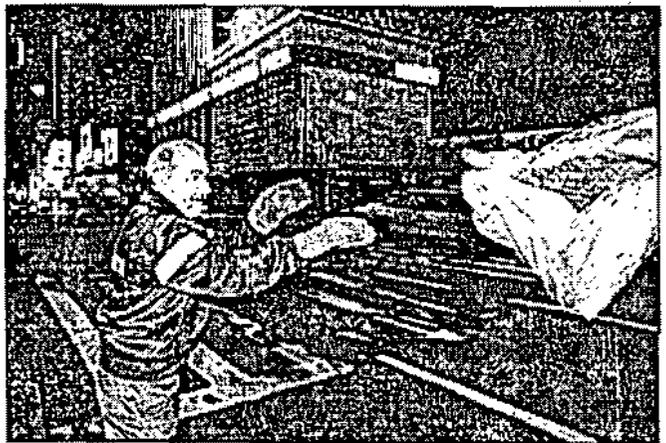
NEW LASER: Massachusetts Institute of Technology scientists unveiled the first atom laser, a device experts say could generate huge advances in computer chips and navigational equipment. The laser emits a new form of matter condensed at extremely low temperatures — about a millionth of a degree above absolute zero Kelvin — at which atoms act similar to lightwaves. The laser looks like a thin stream of water, said Wolfgang Ketterle, leader of the MIT team.

ALSO MONDAY . . .

► **TUCKER TRIAL:** Whitewater prosecutor Kenneth Starr told a federal judge he is willing to wait until the end of June to try former Arkansas governor Jimi Guy Tucker and two others accused of trying to hide profits from a cable TV deal. Tucker's recovery from a liver transplant is expected to delay the March 17 trial.

► **TOBACCO SUIT:** New York became the 20th state to sue tobacco companies. Attorney General Dennis Vacco wants to recoup \$2.6 billion the state spends annually on tobacco-related illnesses. Companies call the suit baseless.

► **FLIGHT THREAT:** A Feb. 18 arraignment was set in Miami for Sally Ann Stein, 57, accused of threatening to blow up American Airlines Flight 69 Friday from Madrid to Miami because she wasn't allowed to smoke.



By Anders Krusberg, AP

Slinging trash: Powerball winner Sergio Martini says he'll keep his job as a garbage man in Manhattan.

Collecting trash, and \$10.3 million

New York City residents should be happy to know that becoming a millionaire has made Sergio Martini a better garbage man. Martini, 50, won a \$10.3 million Powerball lottery Wednesday. Five days later he was still working the midnight shift. "I feel more energetic now," the 12-year garbage veteran said. Martini commutes more than 50 miles from Brewster and said that a week ago he was on the brink of bankruptcy. The father of four children was working double shifts and drove his brother's taxi on the side. The taxi job is history, but he says he'll keep slinging garbage for 2½ more years to qualify for a pension. The one luxury he plans is "a real vacation," his first in 25 years, since he and his wife, Elena, took their honeymoon in Italy.

Written by John Bacon.

USA TODAY
TUESDAY, JANUARY 28, 1997

SCHEDULING PROPOSAL

DATE 3/5/97

ACCEPT

REGRET

PENDING

TO: DIRECTOR OF SCHEDULING

FROM: Jim Kohlenberger/Heidi Kukis

REQUEST: VP to kick off NetDays '97 with an event at a local D.C. school and announce a new initiative to connect DC schools.

PURPOSE: The Vice President leads the effort to connect schools to the Internet. Last April, he and the President helped to wire classrooms in California on the first NetDay. The President also recently announced the D.C. economic initiative.

The Vice President's participation in a local NetDay would be an excellent way to mark the beginning of a series of month-long NetDays while showing the Administration's support for the revitalization of D.C. The President's office asked specifically if the VP could kick off NetDay '97 by visiting a D.C. school.

Specifically, the Vice President would announce:

- A goal of connecting every DC school that wants to be connected to the Internet this year via Netdays.
- Announce a group of CEOs who would take leadership in DC for helping to bring educational technology to DC schools and supplying the wiring kits.
- Announce that the federal government will give DC schools 1000 plus Internet capable surplus computers.
- Send a executive memorandum to agency and department heads asking for federal volunteers to help wire DC Netday schools.

DATE & TIME: Friday, April 4, 1997

DURATION: 1 hour

LOCATION: TBD (D.C. inner-city school)

STAFF CONTACT: Jim Kohlenberger x66223/Heidi Kukis x67099

PARTICIPANTS: VP, Secretary Riley, Mayor Barry (?), CEO group

SEQUENCE OF EVENTS: TBD

PRESS PARTICIPATION: Yes/open press.

ADDITIONAL PERTINENT INFORMATION: None.

March 17, 1997

MEMORANDUM FOR RON KLAIN

FROM: JIM KOHLENBERGER

SUBJECT: LEVERAGING THE E-RATE USING A FANNIE MAE TYPE FUND FOR EDUCATIONAL TECHNOLOGY

You asked for an analysis of the viability of creating a Fannie Mac type fund for leveraging the \$2.25 billion annually made available for educational technology through the Snowe-Rockefeller provision of the Telecommunications Act. Some believe that the stream of money made available by the e-rate could be used to back a larger volume debt instrument for educational technology. There are several reasons outlined below for not pursuing such an idea.

It fuels those who argue that \$2.25 billion is too much. Until the FCC approves the fund on May 8th, any idea that becomes public to expand the fund will be used by opponents to shrink the size of the fund. There are already opponents who are organized to shrink the size of the fund or defeat it entirely. These groups argue today that the \$2.25 billion being considered by the FCC is too large. Any leveraging idea will be captured by Republicans and these opponents to argue that the size of the fund can and should be smaller.

It is unclear if the FCC has the authority. Furthermore, it is not clear that the FCC has the authority to expand the fund in this way under the Telecommunications Act. Our opponents are already complaining that the FCC does not have the legal authority to include even "inside wiring" in their definition of advanced services for schools and libraries. Including computers, professional development and other educational technology needs would be even more questionable and lead to new challenges to our initiative. Certainly, local telephone companies have the ability to tie this up in the courts, as they have done with previous FCC orders. With that in mind, the fund could probably only be leveraged for more connections -- not for computers and other technology and training. And we have already made the argument that \$2.25 billion is adequate for Internet connections plus inside wiring.

It creates operational problems down the line. Even if the fund could be leveraged to speed up the process of connecting schools, too big a fund up front could lead to severe operational problems down the road. The President has outlined four necessary components that make educational technology successful in the classroom -- they are computers, connections, professional development and content. Rolling out just one of these components without the others is a recipe for headlines about wasted dollars, wires that go nowhere, teachers who don't know how to use the connections or how to incorporate it into the curriculum. Schools must also have time to develop technologies plans which can't be rushed. Skeptics are already looking for examples of waste to make the administration look bad. Too fast a roll out will play into their hands.

A Presidential Council on Educational Technology. The real need is to create a visible Presidential level organization to lead the effort to help schools take advantage of the fund and make intelligent technology decisions. This new entity would serve as a visible focal point and bully pulpit for educational technology much like the President's Council on Physical Fitness but more action oriented. It can build on the work of our Corporate Commission on Educationally Technology (lead by Sumner Redstone) and a group being put together by the Packard Foundation who are exploring how we provide a framework to help schools utilize this new educational technology. It can also tie together our various efforts at the Department of Education and Commerce to synthesize efforts.

We could announce the new organization May 8th, the same day the FCC is expected to approve the e-rate. It will give us something to point to for the various questions that will undoubtedly get raised when such a large new fund gets rolled out and help us ensure that the money gets used wisely while meeting our goal of every classroom connected to the Internet by the year 2000.

DC NetDay Event

Turner Elementary School, Washington, D.C.
12:35 p.m. - 1:25 p.m., Friday, April 4, 1997

Meeting requested by Jim Kohlenberger.

Briefing prepared by Jim Kohlenberger and Toby Donenfeld.

EVENT

You are visiting Turner Elementary School, a successful NetDay school, to announce a new public-private effort to connect D.C. schools and make it a model for the country. This event has three parts: first, you will meet briefly with company representatives making generous commitments to providing educational technology and teacher training to D.C. schools; second, you will view students using computers at the school; and third, you will make remarks and announce many commitments made by companies for new connections, new computers and new training, as well as a commitment by federal government agencies to donate more than 1,000 computers. *(See attachment for further details).*

The private meeting with CEOs is closed press. Your tour of children using computers will be open press. Your remarks in the library will be open press.

LOGISTICS (As of this writing, subject to change)

- You will be greeted at Turner Elementary by the Principal, Marcia Parker.
- You will greet ten CEOs in the Principal's office. (Closed Press)
- You will proceed to the computer lab where sixth graders will show you the math and verbal programs they use on the computers. (Open Press)
- You proceed to the library.
- Marcia Parker, Principal, Turner Elementary School, make remarks and introduces General Julius Becton.
- General Julius Becton makes brief remarks and introduces Congresswoman Eleanor Holmes Norton.
- Congresswoman Eleanor Holmes Norton makes brief remarks and introduces you.
- You make remarks and depart. (Open Press).

YOUR ROLE/CONTRIBUTION

At this event, you are bringing together a group of companies who are going to bring educational technologies to all of the schools in D.C. It is a chance for you to highlight all the work the Administration has done on educational technology and for you to contribute to the President's effort on D.C.

PROGRAM NOTES

- The Washington metropolitan area is one of the fastest growing technology-based communities in the country -- second only to silicon valley in technology oriented jobs -- thanks in part to the federal government and a good base of well educated workers. The sad paradox is that while the technology industry continues to grow in and around the District, fewer and fewer of its workers are coming from or living in the District. Bringing modern technology to DC's schools can help give students the skills they need to compete for 21st century jobs.
- Turner Elementary is a great example of a school that was wired under NetDay. Last fall more than 200 volunteers showed up at Turner to wire all 45 of its classrooms in this Anacostia school. NOTE: While the school had all of its classrooms wired on NetDay, only now is it getting its Internet access. NASA, who is a school partner, recently hooked the school up with dial up Internet access. The demonstrations you will see deal more with educational technology than with the Internet.

ATTACHMENTS

- List of CEOs for the private greet.
- Your remarks. *(to be provided on Friday)*.
- Background on the announcements.
- Specific Company commitments.
- Industry press releases on their commitments.

Industry executives and NetDay supporters

You will meet in the principal's office with a group of industry executives, NetDay organizers, and Morty Bahr, President of CWA. The two CEOs that are attending are Ray Smith, Chairman and CEO of Bell Atlantic, and Tony Coelho, Chairman of ETC. Bell Atlantic is providing a lap-top for every principal in the DC school system, and ETC is providing training for one teacher in every DC school.

AT&T: Gerry Saleme, Vice President.

America Online: George Vradenburg, Senior VP.

AMP: Merrill Yohe, VP.

Bay Networks: Alan Casas, National Education Director.

Bell Atlantic: Ray Smith, Chairman and CEO.

Although he is unlikely to raise the issue in the meeting like this, you should know that the Bells have some concerns with the way that Snowe-Rockefeller is being implemented, because the FCC is including inside wiring, and because the Bells would not be allowed to recover the costs through a surcharge on phone bills. Ray is also serving on the Corporate Commission on Educational Technology (the Redstone group).

Cisco: Stephen Armstrong, Government Relations.

Communication Workers of America: Morty Bahr, President.

CWA has joined with other AFL-CIO unions to provide volunteers to help wire schools in Empowerment Zones.

DC Tech Corps: Mark Root.

ETC w/tci: Tony Coelho, Chairman and CEO, and Elliot Gerson, President.

Tony is serving on the CEO Forum on Educational Technology, which is working to develop a series of "metrics" for measuring our progress towards making every child technologically literate.

Microsoft: Kathryn Yates.

NetDay: Michael Kaufman, Co-founder.

NetDay East: Teresa Wilyard, Coordinator.

Teresa has been key in pulling this event together for us.

Philips-Magnavox: Jan van de Poll.

Philips-Magnavox is manufacturing Web TVs in Tennessee, and is donating some to DC NetDay.

Sprint: Don Teague, Vice President.

Connecting DC's Children to the Future

April 4, 1997

VICE PRESIDENT GORE ANNOUNCES A NEW EFFORT TO CONNECT WASHINGTON D.C.'S SCHOOLS TO THE INFORMATION SUPERHIGHWAY:

Today the Vice President announced a bold new effort to bring technology to Washington's schools, to connect the schools to the information superhighway and to help prepare Washington D.C.'s children for the workplace of the 21st century.

This announcement meets two of the President's goals: 1) The President has launched an ambitious effort to renew our Capital City, so that Washington is a great place to work and live, and once again a capital that all Americans can look to with pride. 2) The President has set a goal of connecting every school to the information superhighway by the year 2000. Today the Vice President announced that he would help ensure that the children in Washington DC have access to cutting edge technology in their classrooms.

Connecting Every D.C. School. The Vice President set a goal of connecting every school in Washington D.C. that wants to be connected through a volunteer effort know as NetDay and to bring model technology to DC's classrooms. To achieve that goal, he announced a group of information industry companies who lead the way to bring educational technology to DC's approximately 150 schools.

- **Netday Wiring Kits for Every D.C. School.** In order to connect the schools, the Vice President announced that a group of companies including Cisco Systems, AMP, Sprint, AT&T and others are supplying Netday wiring kits to connect the classrooms in every D.C. school that is not yet wired. NetDay is a national volunteer effort to connect schools starting on Saturday April 19th. Connections to networks, especially the Internet, multiply the power and usefulness of computers as learning tools by putting the best libraries, museums and other research and cultural resources at our students' and teachers' fingertips.
- **Computers.** The Vice President also announced that the federal government will donate enough Internet capable surplus computers to allow every D.C. school to have at minimum one computer lab -- that means more than 1000 computers. Other companies are also providing equipment including Bell Atlantic who is providing a state of the art laptop computers for each principal. Web TV is providing Web TV units and large screen monitors for Internet access. America Online and AT&T are also donating computers.
- **Advanced Technology Training for Teachers.** Because providing teachers the training and support they need is key to integrating technology into the classroom, the Vice President announced that Telecommunications Inc. through its subsidiary JETC, will provide free technology training to one teachers from each school in the District to be offered at their DC facility. Microsoft Authorized training centers including FEI and

Knowledge will also provide free training classes to Netday schools.

- **Other Contributions.** In addition, companies like Bay Networks is donating equipment allowing DC schools to connect multiple computers to the Internet. Microsoft is donating a variety of software and partnering with two schools. NetCom is providing books on the use of the Internet. ETC is also providing schools with access to an online multimedia current events journal.
- **Volunteers.** The Vice President also challenged federal employees to volunteer to help wire schools on Netday. The Communications Workers of America pledged to provide volunteers. The Vice President then challenged the entire DC community -- parents, teachers, businesses, labor, community organizations, and universities -- to come together and volunteer in a major effort to energize learning in our schools.

Specific Company Commitments

America Online. America Online is donating 60 computers with America OnLine accounts and modems worth \$30,000.

AMP. AMP Incorporated is donating 20 NetDay wiring kits to equip classrooms in Washington D.C. AMP's commitment is worth \$12,000 and will wire approximately 120 DC classrooms.

AT&T. AT&T is donating \$5,000 in cash for wiring kits and 10 computers with dial-up Internet access worth \$22,000. This will help wire approximately 50 classrooms.

Bay Networks. Bay Networks is donating 4 boxes that allow as many as 50 computers to be connected to the Internet with a single account worth \$13,000.

Bell Atlantic. Bell Atlantic is donating 150 high-speed Pentium computers, one for each principal in the D.C. public schools, allowing principals to take a hands-on role in promoting the use of the Internet and multimedia technology. The Bell Atlantic commitment is worth \$280,000. Bell Atlantic also helped to wire Turner Elementary.

Cisco Systems. Cisco is presenting D.C. Schools with \$70,000 in cash and product donations -- \$50,000 to create a model school networking solution in a DC school and \$20,000 for wiring kits which will help connect 200 classrooms throughout the district.

Communications Workers of America. The Communications Workers of America have pledged to help provide volunteers from amongst its membership to help wire schools and classrooms in the District of Columbia and throughout the country.

ETC w/TCI. ETC w/TCI Inc. will provide one teacher from each public school with a free, three-day, "train the trainer" technology workshop. In addition, each D.C. school will receive a one-year license for to use What on Earth, a multimedia current events journal and interactive teaching tool offered on the World Wide Web together totaling more than \$200,000.

Microsoft. Through a variety of activities in Washington D.C., Microsoft is contributing \$40,000 in cash and software donations, including providing wiring and technology resources to two local schools. In addition, by teaming with two Microsoft Authorized Technical Education Centers, Future Enterprises, Inc. And Knowlogy, Microsoft has solicited \$52,000 in technical training for D.C. teachers.

NetCom. Netcom is donating 5000 Web Browsing Books to the D.C. Schools worth \$17,400.

Philips Magnavox. Philips WebTV is donating WebTV's and large-screen monitors worth \$15,000.

Sprint. Sprint is providing two district schools with hubs and routers, and an additional 3 schools with NetDay wiring kits worth a total of \$10,000.

NEWS RELEASE



FOR IMMEDIATE RELEASE
April 4, 1997

Contact:
Michel Daley
202-392-1021
miche.l.daley@bell-atl.com

Bell Atlantic Supports White House Plan to Adopt D.C. Public Schools

Company Pledges 150 Computers to Jump-Start Technology Applications

WASHINGTON, – Bell Atlantic today promised to donate 150 high-speed Pentium* computers, valued at over \$280,000, to schools throughout the city in support of a White House plan to adopt the District of Columbia public schools.

Bell Atlantic will donate a computer to every principal in the D.C. public schools. The company hopes this will encourage the principals to take a hands-on, leadership role in promoting use of the Internet and multimedia technology in the classroom.

This donation is the latest in a series of Bell Atlantic initiatives to help children learn by connecting them to cyberspace. During last year's NetMonth 96, Bell Atlantic donated hundreds of wiring kits for D.C. classrooms. Company volunteers also perched on ladders to pull telephone cable through ceilings, and crawled on their hands and knees to install jacks in difficult locations, so that D.C. public school students would have connections to the Internet.

"Harnessing the power of information to improve education will take the collective effort of students, parents, teachers and principals," said Bell Atlantic Chairman and CEO Raymond Smith. "That's why we're supporting Vice President Gore in this public-private partnership that can make the Washington, D.C. schools an example for the nation."

Bell Atlantic News Release, page 2

Bell Atlantic is supporting the Vice President's goals for NetDay '97 on April 19. NetDay is a national grass roots initiative to install wiring that will connect schools to the Internet. The White House is asking corporations to make cash or in-kind donations for the equipment and materials needed.

"We're equipping principals with the same kind of networked computing power that we give our own executives," Smith said. "We believe they will see the same improvement in their productivity, efficiency and ability to communicate that we've experienced at Bell Atlantic. With this power at their fingertips, principals will be fully prepared to lead their schools into the 21st century."

Bell Atlantic Corp. (NYSE: BEL) is at the forefront of the new communications, entertainment and information industry. In the mid-Atlantic region, the company is the premier provider of local telecommunications and advanced services. Globally, it is one of the largest investors in the high-growth wireless communication marketplace. Bell Atlantic also owns a substantial interest in Telecom Corporation of New Zealand and is actively developing high-growth national and international business opportunities in all phases of the industry.

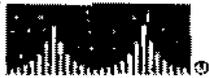
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* Registered trademark of Intel

INTERNET USERS: Bell Atlantic news releases, executive speeches, news media contacts and other useful information are available at Bell Atlantic's News Center on World Wide Web (<http://www.ba.com>). To receive news releases by e-mail, visit the News Center and register for personalized automatic delivery of Bell Atlantic news releases.

▶ C I S C O N E W S R E L E A S E

CISCO SYSTEMS



▶ Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706

Contact:

Celia Fielding

MEM/Hubble Communications

(512) 480-8961

fielding@onr.com

CISCO SYSTEMS RALLIES CORPORATE CONTRIBUTIONS TO BRING INTERNET ACCESS TO ALL DC CHILDREN

WASHINGTON, DC (April 4, 1997) — To help ensure that all school children in DC have access to the Internet, Cisco Systems, Inc. today presented District of Columbia schools with \$70,000 in cash and product donations — \$50,000 to create a model school networking solution at a DC school and \$20,000 in cash for the purchase of wiring kits for 200 classrooms throughout the district. And, additional networking equipment has been earmarked for special Cisco projects with DC schools.

Cisco Systems, a leading global supplier of networking solutions for the Internet, led the effort to rally more than a dozen major corporations in a collaborative effort which promises to kick-start DC schools' technology programs, by providing the equipment necessary to wire a minimum of five classrooms per school in 100 DC schools that currently have little or no access to the Internet.

"Today's announcement is a triumph for the children of our nation's capital city," said Kevin Warner, Cisco Systems' Education Market Development Manager. "True to the NetDay spirit of community cooperation, Cisco, Boeing/NASA and others have partnered to help make Internet access a reality for every child attending public school within the District of Columbia."

Cisco Systems has been a major sponsor of NetDay since its inception in California in 1996, and was the first of four corporations to join the NetDay 2000 Advisory Board.

"I urge companies to get involved in the pre-work, planning and execution of the NetDay experience," said John Morgridge, Chairman of the Board of Cisco Systems. "Education is the basis of our competitive advantage, both as companies and on a national level. Successful companies have an obligation to invest in education to ensure that we are able to hire qualified people and maintain our worldwide competitiveness."

Resources Available for Educators Nationwide

"Cisco's commitment to education goes beyond wiring schools," said Morgridge. "Our company has developed a number of initiatives to help schools acquire the tools and the information they need to make the best use of available technology."

-MORE-

CISCO SYSTEMS

2-2-2-2-2

With the Arizona State Department of Education, Cisco has produced a video series, "Cisco Internetworking Academy for Education," which instructs staff and students on the basics of creating and maintaining a network environment. Videotapes of the course are available by contacting the Computer Learning Foundation at 415-327-3347, or via the Internet at <http://www.computerlearning.org>.

The NetDay How-To Guide, also sponsored by Cisco, is available free over the World Wide Web (<http://www.netday.org/how-to>). Print versions are available through the Computer Learning Foundation.

The largest of Cisco's educational efforts is the Virtual Schoolhouse Grant program, which in 1996 donated \$1.5 million in cash, equipment and services to 150 schools to help them develop networks and connect to the Internet.

Cisco's Educational Archives (CEARCH) also offers a wealth of on-line education-related resources at <http://sunsite.unc.edu/cisco/cisco-home.html>.

Information about these and other educational resources and school network design solutions can be found at the Cisco Networking Education Web Source (<http://www.cisco.com/edu>) or by calling the Cisco Education Hotline at 1-800-EDNTWKS (1-800-336-8957).

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CISCO SYSTEMS

Cisco Systems (NASDAQ: CSCO) is the worldwide leader in networking for the Internet. News and information are available at <http://www.cisco.com>.

News Release



Bay Networks

FOR IMMEDIATE RELEASE

Contacts:	Dawn Slusher Bay Networks, Inc. 408-495-2864 dslusher@baynetworks.com	Don Gross Bay Networks, Inc. 210-979-2155 dgross@baynetworks.com	Lisa Petrocchi FitzGerald Communications 617-588-2259 lisa_petrocchi@fitzcomm.com
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BAY NETWORKS DONATES OVER \$500,000 TO NETDAY EFFORTS

Equipment Donations and Scholastic Planet Enable Local Schools to Connect to Internet and Enhance Technology Programs

SANTA CLARA, CA., April 4, 1997 -- As part of its continuing efforts to support NetDay, Bay Networks, Inc. (NYSE:BAY) today announced that it is committing over \$500,000 in contributions, services and volunteer efforts to the NetDay program. Bay Networks has also arranged for its extensive network of business partners to offer special programs and technical assistance for participating schools through its Scholastic PlanetSM program. NetDay is a grass-roots volunteer effort to wire schools so they can network their computers and connect them to the Internet.

In a survey of almost 1000 training professionals conducted at the 1996 International Conference of the American Society for Training and Development, nearly 73 percent of respondents said that computer skills are essential for employment. A separate report from the Olsten Forum for Information Management sponsored by Olsten Corporation in Westbury, New York states that more than 70 percent of management positions require computer-literacy skills. These statistics demonstrate the necessity of providing computing skills to students to ensure professional success as an adult.

"Classroom use of the Internet, and the exciting multimedia learning tools it offers, motivates students and increases learning opportunities. That is why Bay Networks is committed to supporting NetDay efforts in Massachusetts and around the country," said Paul Severino, a director of Bay Network and member of the MassNetworks Board of Directors. "Today's announcement is part of a continuing effort to bring schools on-line and into the next century."

Bay Networks is a leading supporter of NetDay efforts. The company has successfully partnered with hundreds of schools and supplied technological assistance and equipment. Bay's equipment

Bay Networks Donates \$500,000 to NetDay Efforts/p.2

donations will provide Internet access to K-12 teachers and students, enhancing technology programs and learning. Bay Networks is also donating valuable professional consulting services and training to assist area schools with the design and implementation of their networks.

Bay has made a wide range of equipment donations including four Instant Internet™ Internet access servers to the Washington, D.C. NetDay Initiative. Just one Instant Internet unit can concurrently provide safe Internet access to fifty students. Teachers can use Instant Internet's management tools to easily block student access to undesirable websites and newsgroups or to allow access only to those web sites that cover topics relevant to the lesson such as aerospace or archeology.

"Instant Internet products help make the Internet a safe place for kids," says Paul Finke, general manager of Bay Network's Internet/Intranet Customer Premise Equipment and Applications (ICE) Division. "We are proud to be participating in the President's effort to get Internet access into the schools."

Bay also recently donated equipment to the Merrimack Education Center (MEC) in Chelmsford, one of New England's oldest and largest nonprofit educational service agencies. "Today's schools are having difficulty obtaining cost-effective Internet access and integrating the Internet into the classroom once they have acquired the connections," said Jeffrey Bajgot, director of the MEC. "With Bay's support and equipment donations, our MECnet program delivers a solution to K-12 schools throughout Massachusetts by providing them with faster access to the Internet at lower costs. MECnet also provides the training, service and support needed to incorporate Internet resources into the curriculum."

Bay Networks' Scholastic Planet Program provides schools with benefits such as equipment specials and training. Learn more about the Bay Scholastic Planet Program by calling 1-800-300-2165.

About NetDay

NetDay is a grass-roots volunteer effort to wire schools so they can network their computers and connect them to the Internet. Labor and materials are provided by volunteers and support from companies, unions, parents, teachers, students and school employees. For more information on NetDay, including volunteering information and instructions on how to organize a NetDay event in your school, access the Web site at www.netday.org. Volunteers without Internet access can receive faxed information about NetDay through a fax-on-demand service provided by educationMCI. The toll-free number is 1-800-556-3896.

About Instant Internet

The Instant Internet product is a complete hardware/software solution designed to connect an entire local area network (LAN) to the Internet through a single IP address. Up to 50 simultaneous user

Bay Networks Donates \$500,000 to NetDay Efforts/p.3

sessions are supported per box. Multiple boxes can be connected to the network supporting additional users, load balancing, and fault tolerance. Software setup for the unit is normally accomplished in 15 minutes from any workstation; client installation takes about two minutes and can be done without leaving Windows or rebooting. The solution supports Novell's NetWare, WindowsNT and other platforms that use IPX as the primary or secondary protocol.

About Bay Networks

As a leading worldwide provider of internetworking solutions, Bay Networks, Inc. (NYSE: BAY) helps people to access critical information resources -- at the desktop, the corporate enterprise or the public Internet. Bay Networks' products -- including LAN and ATM switches, routers, hubs, remote and Internet access solutions, and network management applications -- meet the connectivity needs of corporate enterprises, service providers and telecommunications carriers. Headquartered in Santa Clara, California, Bay Networks markets and supports its products around the world, providing 7x24 coverage. For further information, visit Bay Networks at: <http://www.baynetworks.com> or call 1-800-8BAYNET.

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Note to Editors: All Bay Networks press releases are available on Bay Networks' web site at <http://www.baynetworks.com> or via CompuServe using GO BAYNET. Bay Networks' web site also provides information on the company's products and services, news and events, partner programs, and corporate contacts.

Bay Networks is a registered trade mark, Instant Internet is a trademark, and Scholastic Planet is a service mark of Bay Networks, Inc.



**AMERICA ONLINE DONATES COMPUTERS
TO WASHINGTON, DC SCHOOLS THROUGH NETDAY**
Computer Donations, In Coordination with NEA and AFT, Total \$30,000

DULLES, VA, April 4, 1997 -- America Online, Inc. (NYSE: AOL) today announced that it will donate 60 computers to Washington, D.C. schools as part of NetDay East's initiative to wire all D.C. schools to the Internet. The computers are being provided in coordination with the National Education Association and the American Federation of Teachers to Washington, D.C. schools that have already been wired through NetDay East.

The computers are valued at approximately \$30,000, and represent a mix of PCs and Macs. The donation will include AOL access accounts as well as modems.

In 1996, as part of NetDay California, AOL donated 7,000 AOL accounts to over 1,000 California schools in support of the state's initiative to wire all schools to the Internet. In support of the President's National Education Technology Initiative, AOL also donated 5 free accounts to every school in the nation's 15 urban and rural Empowerment Zones designated as underserved by technology.

"Our national education initiatives reflect AOL's strong history of commitment to giving back to the communities that support AOL," said Steve Case, chairman and CEO of America Online, Inc.

In addition, AOL is initiating an online call for volunteers for the NetDayEast wiring initiative, which is scheduled to launch on April 19, 1997.

America Online Inc. (NYSE: AOL), based in Dulles, Virginia, is the world's most popular Internet online service, with approximately 8 million members worldwide. AOL offers its members computing support, interactive magazines and newspapers, and online classes, as well as easy and affordable access to services of the Internet. Founded in 1985, AOL today has a global workforce of more than 6,000 people.

One Microsoft Way
Redmond, WA 98052-6399

Telex 00620
Fax 2069367329

Microsoft

Contacts: Lisa Wolfe/lisawolfe@msn.com
Marty Monyek and Associates, 312-263-2135

MICROSOFT ADOPTS D.C. SCHOOLS TO HELP MORE STUDENTS GET CONNECTED TO THE INTERNET

Schools Nationwide Receive Internet Tools and Resources for NetDay.

As part of its ongoing commitment to supporting a "Connected Learning Community," Microsoft Corporation is working with schools in the nation's capital to help ensure that all students have access to computers and to information online. The worldwide leader in software for personal computers also has joined other industry leaders as a Patron Partner in support of NetDay activities, a national grassroots initiative to wire the nation's schools.

Through a variety of activities in Washington, D.C., Microsoft is contributing \$40,000 in cash and software donations, including providing wiring and technology resources to two local schools. In addition, by teaming with two Microsoft Authorized Technical Education Centers, Future Enterprises, Inc., and Knowlogy, Microsoft has solicited \$52,000 in technical training for D.C. teachers.

Microsoft's commitment to D.C. schools includes:

- Grants to Local D.C. Schools -- \$15,000 cash plus software to two schools, including H.D. Woodson High School, for hardware and software, including a server and desktop Pentium PCs, to connect the schools to the Internet. Microsoft will help schools implement its Authorized Academic Training Program, a school-to-work training program, to enable students to become Microsoft® Certified Professionals.
- Ballou High School and Reach for Tomorrow Project -- Software donation to equip Ballou's Technology Center with Windows® 95 and Office 95.
- Tech Day '97 -- On-site training, volunteers and software for the Lazarus Foundation's Tech Day to refurbish PCs that will be donated to organizations and schools in need, including D.C.'s Woodrow Wilson High School and Maude E. Aiton Elementary School.
- Support of NetDay East Web Site -- Donated software for establishing and managing a Web site for NetDay East, the regional office for NetDay activities.

Among the tools and resources Microsoft provides all schools participating in NetDay are:

- NetDay Resource CD -- A CD with a set of products and tools for exploring and publishing on the Internet to help educators get connected is distributed through state organizers, wiring kit providers and Microsoft field offices. Resources include Microsoft Internet Explorer, a web tutorial and Microsoft's 10-step technology planning guide, *The Technology Roadmap*.
- Software for State Organizers -- To help state NetDay organizers establish a Web site, Microsoft offers Windows NT® 4.0 operating system, which includes a complete set of built-in Internet, Intranet and communications services. If organizers don't have a server, Microsoft provides disk space for them through the Global School House site (<http://www.gsh.org>).
- Software for Schools -- Through its field offices, Microsoft has donated more than \$300,000 in software to schools participating in NetDay.
- Employee Participation -- Microsoft employees participate in NetDay activities across the country. From the corporate office to field offices and product support centers, Microsoft employees adopt local schools, volunteer labor to pull wire, install software and offer training sessions and staff development workshops.

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NEWS

FOR IMMEDIATE RELEASE

Contact: Sue Richard 202/393-3666

ETC w/etl TO PROVIDE FREE TEACHER TRAINING AND INTERACTIVE PROGRAMMING FOR WASHINGTON, D.C. SCHOOLS

Washington, D.C., April 4, 1997—ETC w/etl, Inc., the education, training and communications subsidiary of Tele-Communications, Inc., announced today that one teacher from each public school in the District of Columbia will be provided with complimentary technology training, while each D.C. school will receive a one-year license to use What on Earth®, an interactive teaching tool offered on the World Wide Web. The announcement was made at Turner Elementary School during an event hosted by Vice President Al Gore.

Three-day Train-the-Trainer workshops, developed to provide each teacher with the knowledge and skills necessary to go back to their respective schools and train their colleagues, will be conducted at ETC's state-of-the-art D.C. Ed Tech Center, featuring PC and Macintosh classrooms. Each comprehensive course will cover topics ranging from on-line services and computer and video networks, to laserdisc technology, the Internet and home page development, CD ROM/Virtual Reality, hypermedia authoring tools, distance learning, cable and satellite delivered resources, multimedia presentations and media literacy.

"Our goal is to expose educators to the resources available to them, make them comfortable with technology, and teach them how to effectively integrate technology into curricula," stated ETC President Elliot Gerson. "We believe our training leads to a renewed love for teaching that creates excitement in the classroom—and most importantly, stimulates learning."

In addition, ETC will provide District schools with a free one-year license to use What on Earth®, a multimedia current events journal—updated *daily* on the World Wide Web—which includes curriculum-based activities, lesson plans, worksheets, and other resource materials. Produced by ETC affiliate Ingenius™, this unique teaching tool was developed by educators and is cross-curricular, going beyond reporting the news to drive home core curriculum—math, science, social studies and language arts—in a fun and engaging way.

"We are very pleased that our parent company, Tele-Communications, Inc., has joined with us in this commitment of resources—totaling more than \$200,000—to help the D.C. schools," stated ETC Chairman and CEO Tony Coelho. "The students in our nation's capital must have access to technology if they are to successfully compete in the 21st century. I applaud the Vice President for leading this effort, and I look forward to working with the District's teachers and students."

Established in February 1996, ETC provides customized technology solutions for schools—including a wide range of programs delivered via cable, satellite and the Internet, software, hardware, training and staff development, as well as professional and personal development programs for businesses and government agencies. ETC's Advisory Council includes the National Education Association, the American Federation of Teachers, the American Association of School Administrators, the National School Boards Association, and the National Association of Secondary School Principals. ETC's subsidiaries are the National School Conference Institute and CareerTrack. Company partners include Discovery Communications, Inc.; Ingenius; the Lightspan Partnership, Inc.; Compton's NewMedia; The Learning Company; and Academic Systems Corporation.

Fax



PHILIPS

Press Release

There is no excuse anymore to be off-line

Philips WebTV, a business unit of Philips Magnavox, with headquarters in Knoxville, Tennessee, has joined the Advisory Board of NetDay 2000. "We strongly believe in the Internet enhanced education and fully endorse the objectives of the NetDay organisation as first outlined by President Clinton and Vice President Gore. It is our aim to contribute as much as we can to get each classroom, library, community centre and law enforcement agency in America online; as soon as possible" according to Jan van de Poll, Business Development Manager of Philips WebTV.

Philips Magnavox was the first to launch WebTV terminals in the USA and is leader in the field of Internet Access devices for use with televisions. Furthermore, the company sells a.o. Audio Visual equipment, semiconductors and components. It employs 255.000 people. The companies' 1996 revenues were \$40 B.

Philips Magnavox wants to donate WebTV terminals and televisions to schools in DC and other states for two reasons:

- Internet-enhanced education is a classroom experience. Internet Access *via the TV* is the best way for *joint* surfing in classrooms.
- For a school it requires huge sums to get connected to the Internet: infrastructure, computers, upgrades, training etc. Sums that many schools do not have available. The Philips Magnavox WebTV is an extremely teacher-friendly product that only needs an analog telephone line and a TV in order to surf the Internet and to do E-mailing. The Philips Magnavox WebTV terminal is equipped with a wireless keyboard and a wireless mouse for optimal classroom use. A Philips Magnavox WebTV terminal costs less than \$400, one-fifth of a properly equipped computer.

85% of America's 2.8M classrooms is not yet connected. With April 19 coming up, *there is no excuse anymore for being off-line*. All you need is a Philips Magnavox WebTV

For more information please call:

Jill Greenman	Philips Magnavox	(770) 821-2736
Jan van de Poll	Philips WebTV	(423) 602-3003
Kon Trantowski	Difenschneider Group	(312) 553-0700

For technical information, please call

The Philips Magnavox WebTV hotline: 1-800-597-1790

Philips WebTV

1000 Philips Drive • Knoxville, TN 37919

news from**AMP**

AMP Incorporated
 P.O. Box 3608
 Harrisburg, PA 17105-3608

FOR RELEASE: April 4, 1997

CONTACT: Thea Hocker, Global Communication
 717-592-2314
 tchocker@amp.com

**VICE PRESIDENT AL GORE RECOGNIZES AMP INCORPORATED AT
 NATION'S CAPITAL NETDAY FESTIVITIES**

Washington, D.C., April 4, 1997 -- AMP Incorporated (NYSE:AMP) brought some Washington, D.C. schoolchildren a little closer to the Information Superhighway today as Vice President Al Gore recognized the technology company for its contributions to wiring schools in the nation's capital.

The vice president honored AMP, the world's leading supplier of electrical and electronic connectors and interconnection systems, for donating 20 wiring kits to equip classrooms at Washington, D.C.'s Turner Elementary School.

"As we prepare for the classroom of the 21st century, AMP technology is playing an important role in the development of tomorrow's educational infrastructure," said AMP Vice President Merrill A. Yohe. "We are proud to be able to make this contribution to Turner Elementary School and to the nation's capital. NetDay activities have made this possible, and we are grateful for the vice president's leadership in this arena."

NetDay, a national volunteer program that aims to provide equal access to information and teaching via the Internet, was started as a private-citizen initiative in California in 1996. President Bill Clinton kicked off the program last May with a national meeting in Washington, D.C.

(more)

Post-it! Fax Note	7871	Date	4/2/97	# of pages	2
To	Roger Salina	From	Thea Hocker		
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Page 2 of 2

Vice President Honors AMP Incorporated

In December 1996, AMP CEO Bill Hudson joined PA Gov. Tom Ridge in tying Pennsylvania's "Link to Learn" program to the state's NetDay initiative, Build Pen, donating 75 kits to the effort. AMP employees have been active as volunteers in local NetDay activities in plant site communities across the country.

The AMP-donated kits provide cabling infrastructure -- copper cable, outlets, patch panels -- for up to 120 classrooms, providing Internet access and LAN connectivity. In addition, the cabling can be used for multiple media (voice/video/data) by way of AMP's Multimedia Distribution System. AMP MDS systems are currently used in school districts in Georgia, Pennsylvania, North Carolina, Tennessee, Arizona, Massachusetts, California and Virginia.

Other corporations honored today for their contributions are Sprint, Microsoft, Philips Magnavox Web TV, ETC/TCI, Bay Networks and Cisco.

Headquartered in Harrisburg, PA, AMP has 45,000 employees in 50 countries in virtually every region of the world, serving customers in these industries: automotive, aerospace, computer networking, power utilities, telecommunications, industrial and consumer goods. AMP had sales of \$5.47 billion in 1996.

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**AT&T HELPS WIRE DISTRICT OF COLUMBIA SCHOOLS
CASH AND IN-KIND CONTRIBUTIONS SUPPORT NETDAY ACTIVITIES**

For more information contact:

Kelley Coates, AT&T
(202) 457-2873 (office)

FOR IMMEDIATE RELEASE: FRIDAY, APRIL 4, 1997

WASHINGTON -- Building on its past support for local schools, educators and students, AT&T today announced plans to participate in local NetDay activities by donating recycled computers, providing dial-up Internet access, offering an innovative way for all D.C. public schools to earn credit towards computer hardware and software, and contributing \$5,000 for wiring schools.

AT&T's contribution is valued at more than \$25,000 and represents one component of an on-going program to bring the benefits of telecommunications technology to District of Columbia schools. AT&T has one of corporate America's strongest programs to support education through its AT&T Learning Network Program[®] and the AT&T Learning Points Program[™].

The AT&T Learning Network represents a \$150 million, five-year commitment to help all of the nation's schools get linked to the digital information age through the Internet. The AT&T Learning Points Program was developed to help bring free computer learning technology to accredited K-12 public, private and parochial schools by having participating schools redeem Learning Points for state-of-the-art technology products and services.

-more-

THE WHITE HOUSE
OFFICE OF THE VICE PRESIDENT

FOR IMMEDIATE RELEASE
FRIDAY, April 4, 1997

CONTACT: 202-456-7035

**VICE PRESIDENT GORE ANNOUNCES NEW EFFORT
TO CONNECT D.C. SCHOOLS TO THE INFORMATION SUPERHIGHWAY**
Private Industry and Federal Agencies Announce Contributions to Make NetDay a Success

WASHINGTON, D.C. -- Vice President Gore visited Turner Elementary School in Washington, D.C., today (4/4) and announced three steps that information industry companies, federal agencies, and volunteers are taking to connect D.C. schools to the Internet.

"Today's unprecedented commitment, forged by a partnership between government and business, will build here in Washington the schools of the future," said Vice President Gore. "By working together, we can make sure that all children in the nation's capital have the tools to make the most of their lives."

The Vice President announced that a group of companies, including Cisco Systems, AMP, Sprint, Netcom, AT&T, and others are supplying NetDay wiring kits to provide classroom connections for every D.C. school that is not yet wired for computers. He also announced that the Education Technology Company and Microsoft-authorized training centers, such as PEI and Knowlogy, will provide free technology training to D.C. school teachers.

In addition, the Vice President said that the federal government is donating more than 1,000 Internet-capable surplus computers to D.C. schools. This would allow each of D.C.'s approximately 150 schools to have at least one computer lab. America Online & AT&T are also donating computers.

"All told, these efforts -- new connections, new training, and new computers -- represent a million dollar investment in the future of D.C.'s children," Vice President Gore said.

Other companies are providing hardware for D.C. schools. Philips is providing WebTV units, Bay Networks is providing equipment to allow multiple Internet connections, NetCom is providing books on the Internet, and Bell Atlantic is providing laptops for each school principal.

NetDay is a national volunteer effort to connect schools to the information superhighway. NetDay '97 is April 19 and the Vice President has set a goal of connecting every D.C. school and bringing model technology to the D.C.'s classrooms. The Communication Workers of America have pledged volunteer workers to wire schools and the Vice President challenged federal workers and the entire D.C. community to come together and volunteer to make D.C.'s NetDay successful.

The first NetDay occurred in California on March 9, 1996. President Clinton and Vice President Gore joined 20,000 volunteers, parents, and teachers in wiring thousands of California schools with 6 million feet of cable.

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Connecting DC's Children to the Future

April 4, 1997

VICE PRESIDENT GORE ANNOUNCES A NEW EFFORT TO CONNECT WASHINGTON D.C.'S SCHOOLS TO THE INFORMATION SUPERHIGHWAY:

Today the Vice President announced a bold new effort to bring technology to Washington's schools, to connect the schools to the information superhighway and to help prepare Washington D.C.'s children for the workplace of the 21st century.

This announcement meets two of the President's goals: 1) The President has launched an ambitious effort to renew our Capital City, so that Washington is a great place to work and live, and once again a capital that all Americans can look to with pride. 2) The President has set a goal of connecting every school to the information superhighway by the year 2000. Today the Vice President announced that he would help ensure that the children in Washington DC have access to cutting edge technology in their classrooms.

Connecting Every D.C. School. The Vice President set a goal of connecting every school in Washington D.C. that wants to be connected through a volunteer effort known as NetDay and to bring model technology to DC's classrooms. To achieve that goal, he announced a group of information industry companies who lead the way to bring educational technology to DC's approximately 150 schools.

- **Netday Wiring Kits for Every D.C. School.** In order to connect the schools, the Vice President announced that a group of companies including Cisco Systems, AMP, Sprint, AT&T and others are supplying Netday wiring kits to connect the classrooms in every D.C. school that is not yet wired. NetDay is a national volunteer effort to connect schools starting on Saturday April 19th. Connections to networks, especially the Internet, multiply the power and usefulness of computers as learning tools by putting the best libraries, museums and other research and cultural resources at our students' and teachers' fingertips.
- **Computers.** The Vice President also announced that the federal government will donate enough Internet capable surplus computers to allow every D.C. school to have at minimum one computer lab -- that means more than 1000 computers. Other companies are also providing equipment including Bell Atlantic who is providing a state of the art laptop computers for each principal. Web TV is providing Web TV units and large screen monitors for Internet access. America Online and AT&T are also donating computers.
- **Advanced Technology Training for Teachers.** Because providing teachers the training and support they need is key to integrating technology into the classroom, the Vice President announced that Telecommunications Inc, through its subsidiary ETC, will provide free technology training to one teachers from each school in the District to be

offered at their DC facility. Microsoft Authorized training centers including FEI and Knowlogy will also provide free training classes to Netday schools.

- **Other Contributions.** In addition, companies like Bay Networks is donating equipment allowing DC schools to connect multiple computers to the Internet. Microsoft is donating a variety of software and partnering with two schools. NetCom is providing books on the use of the Internet. ETC is also providing schools with access to an online multimedia current events journal.
- **Volunteers.** The Vice President also challenged federal employees to volunteer to help wire schools on Netday. The Communications Workers of America pledged to provide volunteers. The Vice President then challenged the entire DC community -- parents, teachers, businesses, labor, community organizations, and universities -- to come together and volunteer in a major effort to energize learning in our schools.

Specific Company Commitments

America Online. America Online is donating 60 computers with America OnLine accounts and modems worth \$30,000.

AMP. AMP Incorporated is donating 20 NetDay wiring kits to equip classrooms in Washington D.C. AMP's commitment is worth \$12,000 and will wire approximately 120 DC classrooms.

AT&T. AT&T is donating \$5,000 in cash for wiring kits and 10 computers with dial-up Internet access worth \$22,000. This will help wire approximately 50 classrooms.

Bay Networks. Bay Networks is donating 4 boxes that allow as many as 50 computers to be connected to the Internet with a single account worth \$13,000.

Bell Atlantic. Bell Atlantic is donating 150 high-speed Pentium computers, one for each principal in the D.C. public schools, allowing principals to take a hands-on role in promoting the use of the Internet and multimedia technology. The Bell Atlantic commitment is worth \$280,000. Bell Atlantic also helped to wire Turner Elementary.

Cisco Systems. Cisco is presenting D.C. Schools with \$70,000 in cash and product donations -- \$50,000 to create a model school networking solution in a DC school and \$20,000 for wiring kits which will help connect 200 classrooms throughout the district.

Communications Workers of America. The Communications Workers of America have pledged to help provide volunteers from amongst its membership to help wire schools and classrooms in the District of Columbia and throughout the country.

ETC w/TCI. ETC w/TCI Inc. will provide one teacher from each public school with a free, three-day, "train the trainer" technology workshop. In addition, each D.C. school will receive a one-year license for to use What on Earth, a multimedia current events journal and interactive teaching tool offered on the World Wide Web together totaling more than \$200,000.

Microsoft. Through a variety of activities in Washington D.C., Microsoft is contributing \$40,000 in cash and software donations, including providing wiring and technology resources to two local schools. In addition, by teaming with two Microsoft Authorized Technical Education Centers, Future Enterprises, Inc. And Knowlogy, Microsoft has solicited \$52,000 in technical training for D.C. teachers.

NetCom. Neteom is donating 5000 Web Browsing Books to the D.C. Schools worth \$17,400.

Philips Magnavox. Philips WebTV is donating WebTV's and large-screen monitors worth \$15,000.

Sprint. Sprint is providing two district schools with hubs and routers, and an additional 3 schools with NetDay wiring kits worth a total of \$10,000.

NetDay

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

For Immediate Release

WANTED: 1 Million Volunteers for "High-Tech Barnraising" April 19

**White House and Leaders in Government, Business and Education
Urge Nation to Wire K-12 Schools for Internet Access**

SAN FRANCISCO — One million volunteers, wiring tens of thousands of K-12 classrooms for Internet access, on a single day, at no expense to taxpayers!

This is April 19, 1997 – NetDay – as envisioned by its founders. With the success of two large-scale wiring efforts last year, and with the enthusiastic support of thousands of Americans from the schoolhouse to the White House, this vision is destined to become reality.

NetDay is a national volunteer grassroots high-tech barnraising which, in 1996, mobilized the efforts of an estimated 250,000 volunteers in 40 states to wire more than 50,000 classrooms as a first step toward network and Internet access. With a shared network in place, students and educators can benefit from distant learning and access to research materials, while developing skills that will help them succeed in today's job market.

To connect a minimum of five classrooms and a library (or computer lab) in every school to the Internet, NetDay challenges:

- 1 million Americans – at least ten volunteers per school – to participate in NetDay wiring projects at the participating schools in their communities on April 19, 1997.
- All of America's 130,000 public and private K-12 schools to make at least one connection to the Internet and participate in a NetDay Internet Roll Call by NetDay, April 19, 1997. To do this, schools will access the NetDay Web site at www.netday.org, find their home page and enter information about the status of computer technology in their school.
- All businesses to form partnerships with schools in their communities to help ensure that students acquire the computer and information skills they need to enter the workforce.

- MORE -

2601 Mariposa St. • San Francisco, CA • 94110-1400

e-mail netday@netday.org • voice 415.553.2311 • fax 415.553.2401

President Clinton has endorsed NetDay, calling it "an exciting response" to his challenge "to connect every classroom and library in America to the Information Superhighway by the year 2000." The President has made educational technology a priority for his administration, and has cited statistics that predict that by the year 2000, 60 percent of all new jobs will require computer skills that are currently held by only 20 percent of our population.

In a February 8, 1997 radio address, President Clinton said: "This April 19th, parents, teachers, business people and volunteers from all walks of life will answer our call and hold NetDays in all fifty states, connecting tens of thousands of schools, classrooms and libraries to the Internet."

NetDay is actively supported by a bi-partisan group of government leaders, including: U.S. Secretary of Education Richard W. Riley; U.S. Senators Barbara Boxer (D-Calif.), Conrad Burns (R-Mont.), Dianne Feinstein (D-Calif.), Patty Murray (D-Wa.), Charles Robb (D-Va.) and John Warner (R-Va.); U.S. Representatives Sheila Jackson Lee (D-Texas), Edward Markey (D-Mass.) and W.J. "Billy" Tauzin (R-La.), Chairman of the House Telecommunications Subcommittee.

The Chairman of the Federal Communication Commission, Reed Hundt, has called NetDay "one of the most important contributions to the future of American schools." Larry Irving, Administrator of the U.S. Department of Commerce's National Telecommunications and Information Administration, has called on all of America's telecommunication and technology companies to participate in NetDay at each school in America.

John Gage, Chief Scientist of Sun Microsystems and NetDay co-founder, said: "Combining the volunteer effort of NetDay with organized local, state, and federal efforts is the most powerful and effective way to achieve what we all desire: a better, richer school environment for our children. Together, we have started a national movement to accomplish the first basic step: link our nation's schools, our students, our parents, and our teachers together, to give them new tools to help their schools."

Michael Kaufman of PBS, who co-founded NetDay with Gage, said: "NetDay is not just about making the wire connections that make network and Internet access a reality. We are making and strengthening the connections between people, both inside and outside the classroom, who share a common goal: to provide the best possible education for our children."

For more information on NetDay, including volunteering information and instructions on how to organize a NetDay event in your school, access the Web site at www.netday.org. Volunteers without Internet access can receive faxed information about NetDay through a fax-on-demand service provided by educationMCI. The toll-free number is 1-800-556-3896.

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Contact: Peggy Hubble or Celia Fielding, 512-480-8961
Susan Lamontagne, 212-838-8800



AMERICA ONLINE
INCORPORATED

**AMERICA ONLINE DONATES COMPUTERS
TO WASHINGTON, DC SCHOOLS THROUGH NETDAY**
Computer Donations, In Coordination with NEA and AFT, Total \$30,000

DULLES, VA, April 4, 1997 -- America Online, Inc. (NYSE: AOL) today announced that it will donate 60 computers to Washington, D.C. schools as part of NetDay East's initiative to wire all D.C. schools to the Internet. The computers are being provided in coordination with the National Education Association and the American Federation of Teachers to Washington, D.C. schools that have already been wired through NetDay East.

The computers are valued at approximately \$30,000, and represent a mix of PCs and Macs. The donation will include AOL access accounts as well as modems.

In 1996, as part of NetDay California, AOL donated 7,000 AOL accounts to over 1,000 California schools in support of the state's initiative to wire all schools to the Internet. In support of the President's National Education Technology Initiative, AOL also donated 5 free accounts to every school in the nation's 15 urban and rural Empowerment Zones designated as underserved by technology.

"Our national education initiatives reflect AOL's strong history of commitment to giving back to the communities that support AOL," said Steve Case, chairman and CEO of America Online, Inc.

In addition, AOL is initiating an online call for volunteers for the NetDayEast wiring initiative, which is scheduled to launch on April 19, 1997.

America Online Inc. (NYSE: AOL), based in Dulles, Virginia, is the world's most popular Internet online service, with approximately 8 million members worldwide. AOL offers its members computing support, interactive magazines and newspapers, and online classes, as well as easy and affordable access to services of the Internet. Founded in 1985, AOL today has a global workforce of more than 6,000 people.

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news from

AMP

AMP Incorporated
P.O. Box 3608
Harrisburg, PA 17105-3608

FOR RELEASE: April 4, 1997

CONTACT: Thea Hocker, Global Communication
717-592-2314
tchocker@amp.com

VICE PRESIDENT AL GORE RECOGNIZES AMP INCORPORATED AT NATION'S CAPITAL NETDAY FESTIVITIES

Washington, D.C., April 4, 1997 -- AMP Incorporated (NYSE:AMP) brought some Washington, D.C. schoolchildren a little closer to the Information Superhighway today as Vice President Al Gore recognized the technology company for its contributions to wiring schools in the nation's capital.

The vice president honored AMP, the world's leading supplier of electrical and electronic connectors and interconnection systems, for donating 20 wiring kits to equip classrooms at Washington, D.C.'s Turner Elementary School.

"As we prepare for the classroom of the 21st century, AMP technology is playing an important role in the development of tomorrow's educational infrastructure," said AMP Vice President Merrill A. Yohe. "We are proud to be able to make this contribution to Turner Elementary School and to the nation's capital. NetDay activities have made this possible, and we are grateful for the vice president's leadership in this arena."

NetDay, a national volunteer program that aims to provide equal access to information and teaching via the Internet, was started as a private-citizen initiative in California in 1996. President Bill Clinton kicked off the program last May with a national meeting in Washington, D.C.

(more)

Post-it® Fax Note	7671	Date	4/3/97	# of pages	2
To	Roger Salazar	From	Thea Hocker		
Conf/Dept.		Co.			
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Fax #		Fax #			

Page 2 of 2

Vice President Honors AMP Incorporated

In December 1996, AMP CEO Bill Hudson joined PA Gov. Tom Ridge in tying Pennsylvania's "Link to Learn" program to the state's NetDay initiative, Build Pen, donating 75 kits to the effort. AMP employees have been active as volunteers in local NetDay activities in plant site communities across the country.

The AMP-donated kits provide cabling infrastructure -- copper cable, outlets, patch panels -- for up to 120 classrooms, providing Internet access and LAN connectivity. In addition, the cabling can be used for multiple media (voice/video/data) by way of AMP's Multimedia Distribution System. AMP MDS systems are currently used in school districts in Georgia, Pennsylvania, North Carolina, Tennessee Arizona, Massachusetts, California and Virginia.

Other corporations honored today for their contributions are Sprint, Microsoft, Philips Magnavox Web TV, ETC/TCI, Bay Networks and Cisco.

Headquartered in Harrisburg, PA, AMP has 45,000 employees in 50 countries in virtually every region of the world, serving customers in these industries: automotive, aerospace, computer networking, power utilities, telecommunications, industrial and consumer goods. AMP had sales of \$5.47 billion in 1996.

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**AT&T HELPS WIRE DISTRICT OF COLUMBIA SCHOOLS
CASH AND IN-KIND CONTRIBUTIONS SUPPORT NETDAY ACTIVITIES**

For more information contact:

Kelley Coates, AT&T
(202) 457-2873 (office)

FOR IMMEDIATE RELEASE: FRIDAY, APRIL 4, 1997

WASHINGTON -- Building on its past support for local schools, educators and students, AT&T today announced plans to participate in local NetDay activities by donating recycled computers, providing dial-up Internet access, offering an innovative way for all D.C. public schools to earn credit towards computer hardware and software, and contributing \$5,000 for wiring schools.

AT&T's contribution is valued at more than \$25,000 and represents one component of an on-going program to bring the benefits of telecommunications technology to District of Columbia schools. AT&T has one of corporate America's strongest programs to support education through its AT&T Learning Network ProgramSM and the AT&T Learning Points ProgramSM.

The AT&T Learning Network represents a \$150 million, five-year commitment to help all of the nation's schools get linked to the digital information age through the Internet. The AT&T Learning Points Program was developed to help bring free computer learning technology to accredited K-12 public, private and parochial schools by having participating schools redeem Learning Points for state-of-the-art technology products and services.

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"We're excited to be partnering with schools in the District of Columbia, NetDay East and the White House to bring the benefit of educational technology to teachers and students," said Gerry Salemme, AT&T Federal Government Affairs vice president. "NetDays offer an opportunity to kickstart schools into the 21st Century."

Specific activities planned in connection with NetDay this month include:

- ◆ Providing Sharp Health School and the Eastern High School choir room with dial-up Internet access.
- ◆ Donating 10 recycled AT&T Globalyst 630, 100 Mhz Pentium processor computers, equipped with CD-ROM drives and tape back-up drives. Each computer will have a complementary AT&T WorldNet Service account for dial-up Internet access and the AT&T Learning Network, through the 1997-98 school year, for teacher training and curriculum development.
- ◆ Registering every D.C. public school for AT&T's Learning Points Program, which gives public and private schools (K through 12) the means to earn computer hardware, educational software and teacher support materials at no cost.

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News Release



Bay Networks

FOR IMMEDIATE RELEASE

Contacts:	Dawn Slusher Bay Networks, Inc. 408-495-2864 dslusher@baynetworks.com	Don Gross Bay Networks, Inc. 210-979-2155 dgross@baynetworks.com	Lisa Petrocchi FitzGerald Communications 617-588-2259 lisa_petrocchi@fitzcomm.com
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BAY NETWORKS DONATES OVER \$500,000 TO NETDAY EFFORTS

Equipment Donations and Scholastic Planet Enable Local Schools to Connect to Internet and Enhance Technology Programs

SANTA CLARA, CA., April 4, 1997 -- As part of its continuing efforts to support NetDay, Bay Networks, Inc. (NYSE: BAY) today announced that it is committing over \$500,000 in contributions, services and volunteer efforts to the NetDay program. Bay Networks has also arranged for its extensive network of business partners to offer special programs and technical assistance for participating schools through its Scholastic PlanetSM program. NetDay is a grass-roots volunteer effort to wire schools so they can network their computers and connect them to the Internet.

In a survey of almost 1000 training professionals conducted at the 1996 International Conference of the American Society for Training and Development, nearly 73 percent of respondents said that computer skills are essential for employment. A separate report from the Olsten Forum for Information Management sponsored by Olsten Corporation in Westbury, New York states that more than 70 percent of management positions require computer-literacy skills. These statistics demonstrate the necessity of providing computing skills to students to ensure professional success as an adult.

"Classroom use of the Internet, and the exciting multimedia learning tools it offers, motivates students and increases learning opportunities. That is why Bay Networks is committed to supporting NetDay efforts in Massachusetts and around the country," said Paul Severino, a director of Bay Networks and member of the MassNetworks Board of Directors. "Today's announcement is part of a continuing effort to bring schools on-line and into the next century."

Bay Networks is a leading supporter of NetDay efforts. The company has successfully partnered with hundreds of schools and supplied technological assistance and equipment. Bay's equipment

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Bay Networks Donates \$500,000 to NetDay Efforts/p.2

donations will provide Internet access to K-12 teachers and students, enhancing technology programs and learning. Bay Networks is also donating valuable professional consulting services and training to assist area schools with the design and implementation of their networks.

Bay has made a wide range of equipment donations including four Instant Internet™ Internet access servers to the Washington, D.C. NetDay Initiative. Just one Instant Internet unit can concurrently provide safe Internet access to fifty students. Teachers can use Instant Internet's management tools to easily block student access to undesirable websites and newsgroups or to allow access only to those web sites that cover topics relevant to the lesson such as aerospace or archeology.

"Instant Internet products help make the Internet a safe place for kids," says Paul Finke, general manager of Bay Network's Internet/Intranet Customer Premise Equipment and Applications (ICE) Division. "We are proud to be participating in the President's effort to get Internet access into the schools."

Bay also recently donated equipment to the Merrimack Education Center (MEC) in Chelmsford, one of New England's oldest and largest nonprofit educational service agencies. "Today's schools are having difficulty obtaining cost-effective Internet access and integrating the Internet into the classroom once they have acquired the connections," said Jeffrey Bajgot, director of the MEC. "With Bay's support and equipment donations, our MECnet program delivers a solution to K-12 schools throughout Massachusetts by providing them with faster access to the Internet at lower costs. MECnet also provides the training, service and support needed to incorporate Internet resources into the curriculum."

Bay Networks' Scholastic Planet Program provides schools with benefits such as equipment specials and training. Learn more about the Bay Scholastic Planet Program by calling 1-800-300-2165.

About NetDay

NetDay is a grass-roots volunteer effort to wire schools so they can network their computers and connect them to the Internet. Labor and materials are provided by volunteers and support from companies, unions, parents, teachers, students and school employees. For more information on NetDay, including volunteering information and instructions on how to organize a NetDay event in your school, access the Web site at www.netday.org. Volunteers without Internet access can receive faxed information about NetDay through a fax-on-demand service provided by educationMCI. The toll-free number is 1-800-556-3896.

About Instant Internet

The Instant Internet product is a complete hardware/software solution designed to connect an entire local area network (LAN) to the Internet through a single IP address. Up to 50 simultaneous user

-more-

Bay Networks Donates \$500,000 to NetDay Efforts/p.3

sessions are supported per box. Multiple boxes can be connected to the network supporting additional users, load balancing, and fault tolerance. Software setup for the unit is normally accomplished in 15 minutes from any workstation; client installation takes about two minutes and can be done without leaving Windows or rebooting. The solution supports Novell's NetWare, WindowsNT and other platforms that use IPX as the primary or secondary protocol.

About Bay Networks

As a leading worldwide provider of internetworking solutions, Bay Networks, Inc. (NYSE: BAY) helps people to access critical information resources -- at the desktop, the corporate enterprise or the public Internet. Bay Networks' products -- including LAN and ATM switches, routers, hubs, remote and Internet access solutions, and network management applications -- meet the connectivity needs of corporate enterprises, service providers and telecommunications carriers. Headquartered in Santa Clara, California, Bay Networks markets and supports its products around the world, providing 7x24 coverage. For further information, visit Bay Networks at: <http://www.baynetworks.com> or call 1-800-8BAYNET.

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Note to Editors: All Bay Networks press releases are available on Bay Networks' web site at <http://www.baynetworks.com> or via CompuServe using GO BAYNET. Bay Networks' web site also provides information on the company's products and services, news and events, partner programs, and corporate contacts.

Bay Networks is a registered trade mark, Instant Internet is a trademark, and Scholastic Planet is a service mark of Bay Networks, Inc.

NEWS RELEASE



FOR IMMEDIATE RELEASE
April 4, 1997

Contact:
Michel Daley
202-392-1021
michel.l.daley@bell-atl.com

Bell Atlantic Supports White House Plan to Adopt D.C. Public Schools

Company Pledges 150 Computers to Jump-Start Technology Applications

WASHINGTON, -- Bell Atlantic today promised to donate 150 high-speed Pentium* computers, valued at over \$280,000, to schools throughout the city in support of a White House plan to adopt the District of Columbia public schools.

Bell Atlantic will donate a computer to every principal in the D.C. public schools. The company hopes this will encourage the principals to take a hands-on, leadership role in promoting use of the Internet and multimedia technology in the classroom.

This donation is the latest in a series of Bell Atlantic initiatives to help children learn by connecting them to cyberspace. During last year's NetMonth 96, Bell Atlantic donated hundreds of wiring kits for D.C. classrooms. Company volunteers also perched on ladders to pull telephone cable through ceilings, and crawled on their hands and knees to install jacks in difficult locations, so that D.C. public school students would have connections to the Internet.

"Harnessing the power of information to improve education will take the collective effort of students, parents, teachers and principals," said Bell Atlantic Chairman and CEO Raymond Smith. "That's why we're supporting Vice President Gore in this public-private partnership that can make the Washington, D.C. schools an example for the nation."

Bell Atlantic News Release, page 2

Bell Atlantic is supporting the Vice President's goals for NetDay '97 on April 19. NetDay is a national grass roots initiative to install wiring that will connect schools to the Internet.

"We're equipping principals with the same kind of networked computing power that we give our own executives," Smith said. "We believe they will see the same improvement in their productivity, efficiency and ability to communicate that we've experienced at Bell Atlantic. With this power at their fingertips, principals will be fully prepared to lead their schools into the 21st century."

Bell Atlantic Corp. (NYSE: BEL) is at the forefront of the new communications, entertainment and information industry. In the mid-Atlantic region, the company is the premier provider of local telecommunications and advanced services. Globally, it is one of the largest investors in the high-growth wireless communication marketplace. Bell Atlantic also owns a substantial interest in Telecom Corporation of New Zealand and is actively developing high-growth national and international business opportunities in all phases of the industry.

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* Registered trademark of Intel

INTERNET USERS: Bell Atlantic news releases, executive speeches, news media contacts and other useful information are available at Bell Atlantic's News Center on World Wide Web (<http://www.ba.com>). To receive news releases by e-mail, visit the News Center and register for personalized automatic delivery of Bell Atlantic news releases.

▶ C I S C O N E W S R E L E A S E**CISCO SYSTEMS**

▶ Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706

Contact:**Celia Fielding****MEM/Hubble Communications****(512) 480-8961****fielding@onr.com****CISCO SYSTEMS RALLIES CORPORATE CONTRIBUTIONS
TO BRING INTERNET ACCESS TO ALL DC CHILDREN**

WASHINGTON, DC (April 4, 1997) — To help ensure that all school children in DC have access to the Internet, Cisco Systems, Inc. today presented District of Columbia schools with \$70,000 in cash and product donations — \$50,000 to create a model school networking solution at a DC school and \$20,000 in cash for the purchase of wiring kits for 200 classrooms throughout the district. And, additional networking equipment has been earmarked for special Cisco projects with DC schools.

Cisco Systems, a leading global supplier of networking solutions for the Internet, led the effort to rally more than a dozen major corporations in a collaborative effort which promises to kick-start DC schools' technology programs, by providing the equipment necessary to wire a minimum of five classrooms per school in 100 DC schools that currently have little or no access to the Internet.

"Today's announcement is a triumph for the children of our nation's capital city," said Kevin Warner, Cisco Systems' Education Market Development Manager. "True to the NetDay spirit of community cooperation, Cisco, Boeing/NASA and others have partnered to help make Internet access a reality for every child attending public school within the District of Columbia."

Cisco Systems has been a major sponsor of NetDay since its inception in California in 1996, and was the first of four corporations to join the NetDay 2000 Advisory Board.

"I urge companies to get involved in the pre-work, planning and execution of the NetDay experience," said John Morgridge, Chairman of the Board of Cisco Systems. "Education is the basis of our competitive advantage, both as companies and on a national level. Successful companies have an obligation to invest in education to ensure that we are able to hire qualified people and maintain our worldwide competitiveness."

Resources Available for Educators Nationwide

"Cisco's commitment to education goes beyond wiring schools," said Morgridge. "Our company has developed a number of initiatives to help schools acquire the tools and the information they need to make the best use of available technology."

-MORE-

CISCO SYSTEMS

2-2-2-2

With the Arizona State Department of Education, Cisco has produced a video series, "Cisco Internetworking Academy for Education," which instructs staff and students on the basics of creating and maintaining a network environment. Videotapes of the course are available by contacting the Computer Learning Foundation at 415-327-3347, or via the Internet at <http://www.computerlearning.org>.

The NetDay How-To Guide, also sponsored by Cisco, is available free over the World Wide Web (<http://www.netday.org/how-to>). Print versions are available through the Computer Learning Foundation.

The largest of Cisco's educational efforts is the Virtual Schoolhouse Grant program, which in 1996 donated \$1.5 million in cash, equipment and services to 150 schools to help them develop networks and connect to the Internet.

Cisco's Educational Archives (CEARCH) also offers a wealth of on-line education-related resources at <http://sunsite.unc.edu/cisco/cisco-home.html>.

Information about these and other educational resources and school network design solutions can be found at the Cisco Networking Education Web Source (<http://www.cisco.com/edu>) or by calling the Cisco Education Hotline at 1-800-EDNTWKS (1-800-336-8957).

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CISCO SYSTEMS

Cisco Systems (NASDAQ: CSCO) is the worldwide leader in networking for the Internet. News and information are available at <http://www.cisco.com>.

For immediate release
April 4, 1997

Contact: Candice Johnson at 202/434-1347

Helping Schools Connect to the Information Superhighway

Following is a statement by President Morton Bahr, Communications Workers of America, on CWA's role in helping to provide Internet Access for the nation's schools and libraries:

Members of the Communications Workers of America are a proud part of "NetDay 97," and are pleased to be joining with the Clinton-Gore administration in this drive to connect our nation's classrooms and libraries to the Information Superhighway, here in the District of Columbia and throughout the country.

CWA members, who have built and maintained the best telephone network in the world, want to work in partnership with our communications employers to ensure that all schools are connected to the Internet and Information Superhighway.

Our members are volunteering to wire schools and classrooms, particularly in communities in financial need, where our communications employers supply the materials and necessary resources, and where these employers agree to work with the Clinton-Gore administration in providing free basic access to the Internet for every school and library in the nation.

We want to bring to the nation's schools the success we achieved in the country's network of veterans' hospitals. Three years ago, there was no private telephone service at VA hospitals; today, 172 facilities have been wired, the work done by CWA and Electrical Workers (IBEW) members and equipment donated by telecommunications employers — and it didn't cost the taxpayers a dime.

Today, the concept of universal service must expand beyond "plain old telephone service" to include advanced telecommunications and information services.

That's why this program — and the efforts of President Clinton and Vice President Gore — are so important. Access to the Information Superhighway will soon be a basic necessity — the gateway to a good education, economic opportunity and democratic participation in America. CWA is proud to play a role in bringing this connection to our nation's children.

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NEWS

FOR IMMEDIATE RELEASE

Contact: Sue Richard 202/393-3666

ETC w/tei TO PROVIDE FREE TEACHER TRAINING AND INTERACTIVE PROGRAMMING FOR WASHINGTON, D.C. SCHOOLS

Washington, D.C., April 4, 1997—ETC w/tei, Inc., the education, training and communications subsidiary of Tele-Communications, Inc., announced today that one teacher from each public school in the District of Columbia will be provided with complimentary technology training, while each D.C. school will receive a one-year license to use What on Earth®, an interactive teaching tool offered on the World Wide Web. The announcement was made at Turner Elementary School during an event hosted by Vice President Al Gore.

Three-day Train-the-Trainer workshops, developed to provide each teacher with the knowledge and skills necessary to go back to their respective schools and train their colleagues, will be conducted at ETC's state-of-the-art D.C. Ed Tech Center, featuring PC and Macintosh classrooms. Each comprehensive course will cover topics ranging from on-line services and computer and video networks, to laserdisc technology, the Internet and home page development, CD ROM/Virtual Reality, hypermedia authoring tools, distance learning, cable and satellite delivered resources, multimedia presentations and media literacy.

"Our goal is to expose educators to the resources available to them, make them comfortable with technology, and teach them how to effectively integrate technology into curricula," stated ETC President Elliot Gerson. "We believe our training leads to a renewed love for teaching that creates excitement in the classroom—and most importantly, stimulates learning."

In addition, ETC will provide District schools with a free one-year license to use What on Earth®, a multimedia current events journal—updated *daily* on the World Wide Web—which includes curriculum-based activities, lesson plans, worksheets, and other resource materials. Produced by ETC affiliate Ingenius™, this unique teaching tool was developed by educators and is cross-curricular, going beyond reporting the news to drive home core curriculum—math, science, social studies and language arts—in a fun and engaging way.

"We are very pleased that our parent company, Tele-Communications, Inc., has joined with us in this commitment of resources—totalling more than \$200,000—to help the D.C. schools," stated ETC Chairman and CEO Tony Coelho. "The students in our nation's capital must have access to technology if they are to successfully compete in the 21st century. I applaud the Vice President for leading this effort, and I look forward to working with the District's teachers and students."

Established in February 1996, ETC provides customized technology solutions for schools—including a wide range of programs delivered via cable, satellite and the Internet, software, hardware, training and staff development, as well as professional and personal development programs for businesses and government agencies. ETC's Advisory Council includes the National Education Association, the American Federation of Teachers, the American Association of School Administrators, the National School Boards Association, and the National Association of Secondary School Principals. ETC's subsidiaries are the National School Conference Institute and CareerTrack. Company partners include Discovery Communications, Inc.; Ingenius; the Lightspan Partnership, Inc.; Compton's NewMedia; The Learning Company; and Academic Systems Corporation.

One Microsoft Way
Redmond, WA 98052-6199

Tele: 199720
Fax: 2069567329

Microsoft

Contacts: Lisa Wolfe/lisaawolfe@msn.com
Marty Monyek and Associates, 312-263-2135

MICROSOFT ADOPTS D.C. SCHOOLS TO HELP MORE STUDENTS GET CONNECTED TO THE INTERNET

Schools Nationwide Receive Internet Tools and Resources for NetDay

As part of its ongoing commitment to supporting a "Connected Learning Community," Microsoft Corporation is working with schools in the nation's capital to help ensure that all students have access to computers and to information online. The worldwide leader in software for personal computers also has joined other industry leaders as a Patron Partner in support of NetDay activities, a national grassroots initiative to wire the nation's schools.

Through a variety of activities in Washington, D.C., Microsoft is contributing \$40,000 in cash and software donations, including providing wiring and technology resources to two local schools. In addition, by teaming with two Microsoft Authorized Technical Education Centers, Future Enterprises, Inc., and Knowledge, Microsoft has solicited \$52,000 in technical training for D.C. teachers.

Microsoft's commitment to D.C. schools includes:

- **Grants to Local D.C. Schools** -- \$13,000 cash plus software to two schools, including H.D. Woodson High School, for hardware and software, including a server and desktop Pentium PCs, to connect the schools to the Internet. Microsoft will help schools implement its Authorized Academic Training Program, a school-to-work training program, to enable students to become Microsoft® Certified Professionals.
- **Ballou High School and Reach for Tomorrow Project** -- Software donation to equip Ballou's Technology Center with Windows® 95 and Office 95.
- **Tech Day '97** -- On-site training, volunteers and software for the Lazarus Foundation's Tech Day to refurbish PCs that will be donated to organizations and schools in need, including D.C.'s Woodrow Wilson High School and Maude E. Aiton Elementary School.
- **Support of NetDay East Web Site** -- Donated software for establishing and managing a Web site for NetDay East, the regional office for NetDay activities.

Among the tools and resources Microsoft provides all schools participating in NetDay are:

- **NetDay Resource CD** -- A CD with a set of products and tools for exploring and publishing on the Internet to help educators get connected is distributed through state organizers, wiring kit providers and Microsoft field offices. Resources include Microsoft Internet Explorer, a web tutorial and Microsoft's 10-step technology planning guide, *The Technology Roadmap*.
- **Software for State Organizers** -- To help state NetDay organizers establish a Web site, Microsoft offers Windows NT® 4.0 operating system, which includes a complete set of built-in Internet, Intranet and communications services. If organizers don't have a server, Microsoft provides disk space for them through the Global School House site (<http://www.gsh.org>).
- **Software for Schools** -- Through its field offices, Microsoft has donated more than \$300,000 in software to schools participating in NetDay.
- **Employee Participation** -- Microsoft employees participate in NetDay activities across the country. From the corporate office to field offices and product support centers, Microsoft employees adopt local schools, volunteer labor to pull wire, install software and offer training sessions and staff development workshops.

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FUTURE ENTERPRISES NEWS RELEASE

For Immediate Release

April 3, 1997

For more information contact:

Shibani Subramanya

202-662-7610 x712

FEI To Help Improve DC Public Schools Internet Initiative

FEI to train 55 DC teachers on use of the Internet

Washington DC – April 3, 1997—Future Enterprises has signed on to provide DC public school teachers training, to effectively and productively take advantage of technology. Future Enterprises, a Microsoft Solution Provider, will train 55 DC public school teachers with the best information technology training available. On April 4, 1997 at *NetDay East* Marsha Marinich, President and Owner will present to Vice President Gore a certificate for 55 courses, valued at \$14,300, as part of his *NetDay* venture. Teachers can choose from courses that provide an introduction to computers, Internet and productivity software such as Microsoft Office Suite and Corel WordPerfect Office Suite.

With the backing of the White House, the nation is geared up to wire all public schools in the country. Educators are the first to realize that new technology can be used properly only after training has been provided. Mrs. Marinich, stated "FEI as an educational institution would like to take this opportunity to work with teachers who are on the front line of working with the new generation of knowledge workers".

Founded in 1980, Future Enterprises, Inc. is the premier information technology training firm in the Mid-Atlantic area. The company's state-of-the-art facility is conveniently located in downtown Washington DC. Future Enterprises offers a wide range of software training and consulting services to businesses, government and associations. Training is designed with the goal of making technology easier and more understandable for people to take advantage and maximize productivity through the available technology.

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Contact: Alicia Recupero
 Knowlogy Corporation
 Phone 703-532-1000
 Fax 703-532-1001
 E-mail recupero@knowlogy.com



Press Release

Knowlogy joins Vice President Al Gore and Microsoft in program to bring technology to schools.

Training company donates more than \$10,000 in computer training to Washington D.C. teachers.

Falls Church, VA, April 4, 1997: Knowlogy, one of the largest computer training company in the Washington, D.C. metropolitan area, has joined Vice President Al Gore, Microsoft Corporation and other industry leaders in a program to help Washington, D.C. schools gain greater access to technology and the Internet. Knowlogy will be providing training vouchers for teachers to attend classes that will help them use and teach technology in D.C. public schools.

As a Microsoft Technical Education Center Knowlogy was selected to participate in the event by providing the necessary training to teachers in the D.C. school system. Knowlogy has donated more than \$10,000 in computer training for teachers in Washington D.C. public schools.

"We are pleased to participate in this program to help migrate D.C. schools to the Information Superhighway," said Hassan Judah, President of Knowlogy Corporation, "By providing training to Washington, D.C. teachers, we hope to give them computer experience they can bring in to their classrooms."

Knowlogy has more than eight years of experience in the computer training industry and trains more than 75,000 professionals and students each year from more than 600 government agencies, FORTUNE 500 companies and private organizations. Knowlogy has training centers in both Washington D.C. and Falls Church, Virginia and a training classroom in the Pentagon. Through these 13 classrooms and by training at client sites, Knowlogy is dedicated to educating professionals in technical and desktop computer applications. Knowlogy's corporate headquarters is located at 105 West Broad Street, 5th Floor, Falls Church, VA 22046. Telephone: 703-532-1000, Fax 703-532-1001.

◆ **For Immediate Release**

Fax

**PHILIPS**

Press Release

There is no excuse anymore to be off-line

Philips WebTV, a business unit of Philips Magnavox, with headquarters in Knoxville, Tennessee, has joined the Advisory Board of NetDay 2000. "We strongly believe in the Internet enhanced education and fully endorse the objectives of the NetDay organisation as first outlined by President Clinton and Vice President Gore. It is our aim to contribute as much as we can to get each classroom, library, community centre and law enforcement agency in America online; as soon as possible" according to Jan van de Poll, Business Development Manager of Philips WebTV.

Philips Magnavox was the first to launch WebTV terminals in the USA and is leader in the field of Internet Access devices for use with televisions. Furthermore, the company sells a.o. Audio Visual equipment, semiconductors and components. It employs 255.000 people. The companies' 1996 revenues were \$40 B.

Philips Magnavox wants to donate WebTV terminals and televisions to schools in DC and other states for two reasons:

- Internet-enhanced education is a classroom experience. Internet Access *via the TV* is the best way for *joint* surfing in classrooms.
- For a school it requires huge sums to get connected to the Internet: infrastructure, computers, upgrades, training etc. Sums that many schools do not have available. The Philips Magnavox WebTV is an extremely teacher-friendly product that only needs an analog telephone line and a TV in order to surf the Internet and to do E-mailing. The Philips Magnavox WebTV terminal is equipped with a wireless keyboard and a wireless mouse for optimal classroom use. A Philips Magnavox WebTV terminal costs less than \$400, one-fifth of a properly equipped computer.

85% of America's 2.8M classrooms is not yet connected. With April 19 coming up, *there is no excuse anymore for being off-line*. All you need is a Philips Magnavox WebTV

For more information please call:

Bill Greenman	Philips Magnavox	(770) 821-2236
Jan van de Poll	Philips WebTV	(423) 602-3003
Ken Trantowski	Dilenschneider Group	(312) 553-0700

For technical information, please call
The Philips Magnavox WebTV hotline 1-800-597-1790

Philips WebTV
6501 Deane Hill Dr. • Knoxville, TN 37919