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International Subject, White House: Education, Mathematics, and Science [1992]

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THE WHITE HOUSE
WASHINGTON

March 19, 1992

MEMORANDUM FOR SHERRIE S. ROLLINS

FROM: D. ALLAN BROMLEY *Alan*

SUBJECT: COMMUNITY LEARNING AND INFORMATION NETWORK

I understand that you have been approached by the Community Learning and Information Network seeking the President's endorsement for their proposal (summary attached).

Technology has special importance for education, especially in mathematics and science. It is central to two of the Presidential Initiatives in the FY 1993 Budget:

- o Grand Challenges 1993: High Performance Computing and Communications.
- o By the Year 2000: First in the World.

Copies of the reports on these initiatives are attached.

A major objective of the America 2000 strategy is to establish national electronic networks that link all American schools with other sites where learning occurs. By the Year 2000: First in the World, notes Administration plans to "...hold a major conference to review the merits of existing and proposed educational technologies." This is an important step because the educational electronics network challenge is, most likely, predominantly a software problem, not a hardware one.

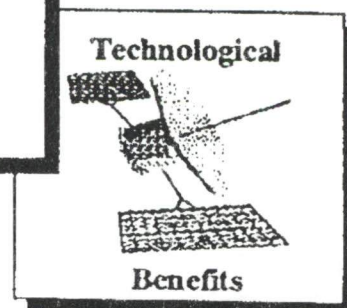
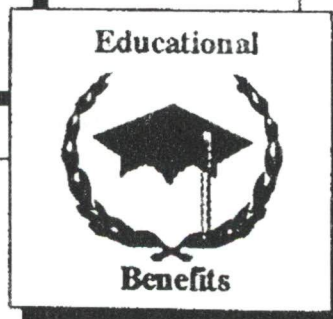
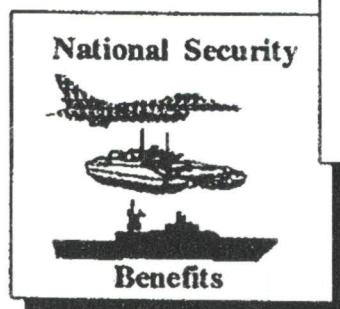
The attached Community Learning and Information Network document suggests endorsement of the proposal by FCCSET. To my knowledge, as FCCSET Chairman, this is not the case. There has been a briefing on the network concept to a FCCSET/CEHR working group, but it would be premature to make commitments to a specific effort such as the one proposed. I feel this could be very damaging to the ultimate success of the FCCSET/CEHR initiative. I know that David Kearns and other FCCSET/CEHR members share this view.

It would be a mistake to suggest that the President take any action that could be construed as endorsing the proposal at this time.

Attachments

COMMUNITY LEARNING NETWORK

A Mobilization Plan for the Implementation of a National Education Technology & Information Delivery System



Executive Summary

PURPOSE. To provide information concerning a mobilization effort designed to use technology to spark and accelerate the implementation of the President's education strategy -- **AMERICA 2000** and support a common educational vision among the 50 states.

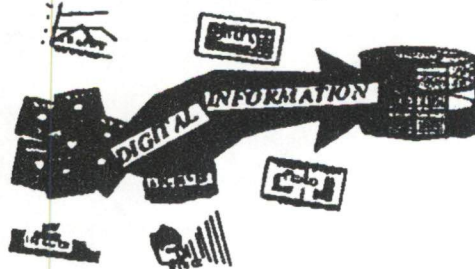
BACKGROUND. Based upon goals set forth in the Presidential Report *America 2000*, The U.S. Chamber of Commerce, the Corporation for Public Broadcasting, and the FCCSET Committee on Education and Human Resources are developing The Community Learning Network -- a national learning technology and information delivery system that will interconnect the nation's schools and will be financed through "shared usage" by the public and private sectors. This project has positive budgetary implications and will have the support of education leaders.

Federal, state and local governments, along with business and military organizations have large numbers of personnel throughout the country that could receive training and professional education through The Community Learning Network when not being used by the nation's schools.

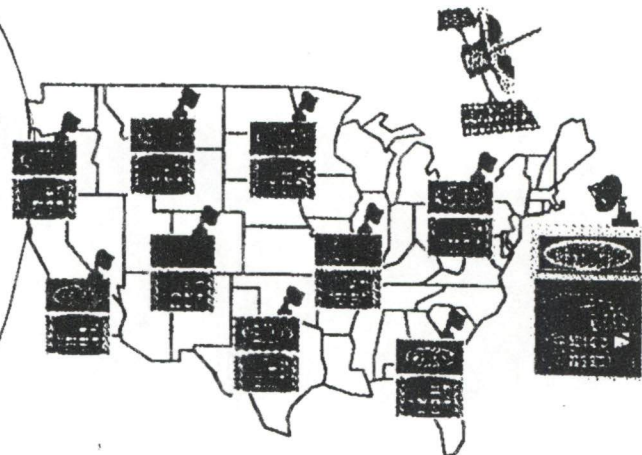
By delivering training to the work site, these organizations can save millions of related travel dollars. For example, with less than 1% of the federal government's multi-billion dollar training-related travel and per diem budgets, 120 network sites could become operational, serving all federal agencies and the nation's educational institutions as well.

The goal for the year 2000 will be to have 50 million American manufactured high performance computers in 110,000 schools tied into the network. The Community Learning Network would reach every city, town and locale in America using high performance systems to bring information and communications tools to enhance education for students, teachers and adult learners alike. The Japanese have committed 250 billion dollars to a lesser program.

The U.S. Chamber and its local members are in a position to involve a substantial customer base to use The Community Learning Network delivery system for their training needs, ensuring its economic viability.

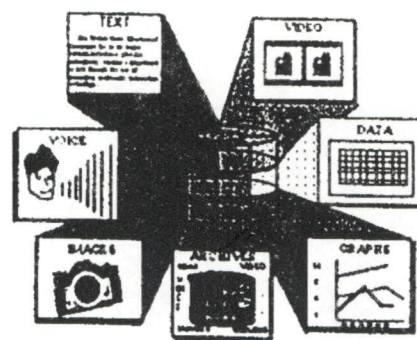


Organizing the vast wealth of America's information into a multimedia, digitized learning network will bring advanced technology into the learning process.



The open systems design will integrate existing networks avoiding duplication of effort. Schools can use the computers and earth stations they already own while being enhanced by The Community Learning Network.

The integrated information system is composed of a variety of technologies that include E-mail, computer-assisted programming, interactive audio/audio-graphic technologies, interactive video programming, and both live two-way and one-way interactive video technologies.



BENEFITS. The Community Learning Network --

- Pays for itself -- concept of "Shared Usage"
- Empowers educators through technology to utilize new approaches to individualized learning
- Stimulates community involvement in education and encourages community economic development
- Revitalizes workforce retraining activities
- Strengthens national security -- improved accessibility and quality of training for Reserves / National Guard
- Focuses U.S. high technology development

THE WHITE HOUSE

WASHINGTON

August 25, 1992

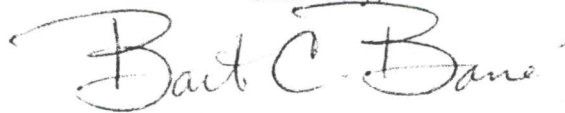
Dear Dr. Ratchford,

Thank you for taking the time out of your busy schedule to discuss the President's math and science initiatives with the recipients of the Christa McAuliffe Fellowship. I spent quite a bit of time speaking individually with a number of participants and they expressed great enthusiasm and support for the information you shared with them.

We appreciate your willingness to assist Public Liaison in reaching out to the America's educators and fostering a dialogue with the education community.

Thank you again for your assistance.

Sincerely,

A handwritten signature in cursive script that reads "Bart C. Barre". The signature is written in dark ink and is positioned above the printed name and title.

Bart C. Barre
Office of Public Liaison

Dr. Thomas Ratchford
Associate Director
Office of Science and Technology Policy
Room 494 OEOB
The White House

THE WHITE HOUSE
WASHINGTON

At. Tom has accepted
This is your copy
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SEPTEMBER 8, 1992

MEMORANDUM FOR TOM RATCHFORD
ASSOCIATE DIRECTOR FOR POLICY AND
INTERNATIONAL AFFAIRS
OFFICE OF SCIENCE AND TECHNOLOGY

FROM: JANE E. BARNETT *JB*
ASSOCIATE DIRECTOR
OFFICE OF PUBLIC LIAISON

SUBJECT: Briefing for Technology Students Association

On Friday, September 25, 1992 at 4:30 p.m., the Office of Public Liaison will hold a briefing for 150 participants from the Technology Student Association.

The Technology Students Association (TSA) is a organization that creates opportunities for students to become technologically literate, to receive leadership training and to become problem-solvers and critical thinkers. TSA has a membership of over 60,000 members who attend 1400 primary, middle, intermediate and secondary schools in 44 states. Two thousand members are professionals or teachers.

Would you be able to address this group on Friday, September 25, in the Room 450 sometime between 4:30 and 5:30? Our format for briefings consists of 15 minutes for prepared comments and 15 minutes for questions and answers. A brief discussion of the President's science and technology agenda would be of particular interest to this group.

Please feel free to contact me or my assistant Jeff T.H. Pon at extension 7845 if you need any additional information. Thank you.

THE WHITE HOUSE
WASHINGTON

July 31, 1992

MEMORANDUM FOR J. THOMAS RATCHFORD
ASSOCIATE DIRECTOR
OFFICE OF SCIENCE AND TECHNOLOGY POLICY

FROM: JANE E. BARNETT 
ASSOCIATE DIRECTOR
OFFICE OF PUBLIC LIAISON

SUBJECT: Briefing for the Christa McAuliffe Fellowship Program Conference

On August 14, 1992 at 9:30 a.m., the Office of Public Liaison will hold a briefing for the recipients of the Christa McAuliffe Fellowship and their guests upon the completion of their fellowship year.

The Christa McAuliffe Fellowship Program is a federally-funded program that enables outstanding teachers to continue their education, develop innovative programs, assist local educational agencies, and to engage in other educational activities that will improve their knowledge and skills and the education of students. The Secretary of Education annually approves at least one fellowship recipient from each state and then distributes remaining funds based on teacher population. A large percentage of the seventy-two fellowships awarded for the 1991-1992 school year focused on science education, technology, and computers. The remaining dealt mostly with reading and writing, at risk children, and the arts.

The Christa McAuliffe Fellowship Program Conference will be August 14-16, 1992. The conference will include educational resource panels, group meetings, an awards ceremony, and the White House briefing. The 150 participants and guests will arrive at the Old Executive Office Building directly after their 8:00 a.m. White House tour.

Would you be able to address this group on Friday, August 14 in 450 OEOPB sometime between 9:30 and 11:00? Our format for briefings consists of 15 minutes for prepared comments and 15 minutes for questions and answers. A brief discussion of how science and technology policy affects our schools and how teachers can become part of this process would be of particular interest to this group.

Please feel free to contact me or my assistant Bart Barre at extension 7845 if you need additional information. Thank you.