

## 1995 Challenge Grant Awards

### California

#### **San Diego Unified School District**

Project Name: The Triton Project  
Contact: Michael Casey  
Educational Technology Department  
2470 Ulrich Street, Room 305  
San Diego, CA 92111  
Telephone: (858) 573-5793  
Fax: (858) 573-5799  
E-mail: [mike@edtech.sandi.net](mailto:mike@edtech.sandi.net)  
Web site: <http://projects.edtech.sandi.net/>

The Triton Project will improve student performance in mathematics and science, using a combination of technologies in an active learning curriculum with an ocean exploration theme. San Diego public schools will be networked with each other and with several area museums, research centers, and aquariums. Partners include: Sea World; Scripps Institution of Oceanography; Pacific Bell; San Diego State University; San Diego Supercomputer Center at U.C. San Diego; the Naval Command Control and Ocean Surveillance Center; and San Diego Data Processing Corporation.

#### **San Mateo County Office of Education**

Project Name: Silicon Valley Challenge 2000 Multimedia Project  
Contact: Joe Becerra  
101 Twin Dolphin Drive  
Redwood City, CA 94065  
Telephone: (650) 802-5445  
Fax: (650) 802-5521 Fax  
E-mail: [jbecerra@smcoe.k12.ca.us](mailto:jbecerra@smcoe.k12.ca.us)  
Web site: <http://pblmm.k12.ca.us>

Working through a consortium known as Smart Valley Inc., the Silicon Valley community is transforming its education system into learning communities that prepare students for the 21<sup>st</sup> century. Reform plans developed by teams of high schools with their feeder elementary and middle schools will receive infrastructure support from Silicon Valley's high-tech corporations. The Challenge Grant will support curriculum development and teacher training to meet the objectives of Goals 2000. Seventeen corporations have each pledged up to \$1 million in resources over 3 years in support of school reform. They include: Adobe Systems; Apple Computer; Applied Materials; Cirrus Logic; Hewlett-Packard; Robert Noyce Foundation; Silicon Graphics; Wells Fargo Bank; Bank of America; Intel; Logitech; NetManage; Network General; Symantec; Pacific Bell; Sun Microsystems, the 21<sup>st</sup> Century Education Initiative; and the Bay Area

Multimedia Technology Alliance. Other partners include: SRI International, the Institute for Research on Learning, and Customers and Technologies.

## **Delaware**

### **Capital School District**

Project Name: Delaware Interactive Educational Television Consortium

Contact: Dr. Tina Huff

945 Forest Street

Dover, DE 19904

Telephone: (302) 672-1951

Fax: (302) 672-1727

E-mail: [Thuff@Capital.k12.de.us](mailto:Thuff@Capital.k12.de.us)

Web site: <http://www.challenge.k12.de.us>

Capital School District /Delaware Interactive Educational Television Consortium Telecommunications will connect families and schools, extending the time and place for learning and improving communication between parents and teachers. Content is focused on reading and arithmetic in early elementary grades. Activities are explicitly focused around Goals 2000. Cost-effective video, based on set-top TV boxes will link the home and school. Partners include Lightspan Partnership; Bell Atlantic; and Delaware State Education Department—an initiative to connect every home and school in the state within 5 years.

## **Illinois**

### **Waukegan Public Schools**

Project Name: Technology and Learning Collaborative

Contact: Elaine Armani

1201 N. Sheridan Road

Waukegan, IL 60085

Telephone: (847) 360-5440

Fax: (847) 360-5628

E-mail: [Armani@mail.wps.lake.12.il.us](mailto:Armani@mail.wps.lake.12.il.us)

Web site: <http://www.waukeganschools.org/challenge/sld001.htm>

The Technology and Learning Collaborative will provide a comprehensive program of staff development, technology/curriculum integration, and parent and community involvement to increase student performance in mathematics and science in the Waukegan School District. Engaged learning through project-based, collaborative teaching, high-performance learning technologies, and extended-day programs will be used to improve the workplace readiness of students. Partners include: Abbott Laboratories; Apple Computer; Legat Architects; U.S. Cable; Waukegan Public Library; YMCA; North Central Regional Education Laboratory; Northern IL Assistive Technology Consortium; four colleges; and the Illinois State Department of Education, among others.

## **Indiana**

### **Anderson Community School Corporation**

Project Name: Anderson Community Technology NOW! Project

Contact: Terri Austin

30 West 11th Street

Anderson, IN 46016

Telephone: (765) 641-2151

Fax: (765) 641-2081

E-mail: [taustin@acsc.net](mailto:taustin@acsc.net)

Web site: [http://www.acsc.net/~actnow/act\\_now.html](http://www.acsc.net/~actnow/act_now.html)

General Motors, the largest industry in Anderson, recently announced it will have no unskilled jobs at its Anderson facilities by the year 2000. In a community where education has not been highly valued in the past there is now a strong demand for all children to meet high academic standards—leaving school with strong language skills, mathematics competency, mastery of new technologies, and collaborative work skills. The project will expand on the "Buddy" project to link homes and schools with computers and modems so that parents, teachers, and students can work together on improving education. Teachers will receive support as they develop new curriculum and instructional strategies. Partners include: Anderson Area Chamber of Commerce; Anderson Federation of Teachers; National City Bank; TCI of Central Indiana; the Corporation for Educational Technology; Public TV; three local institutions of higher education; and the Indiana Department of Education.

### **Indianapolis Public Schools**

Project Name: A Learning Cooperative

Contact: John Kern

801 North Carrollton Avenue

Indianapolis, IN 46202

Telephone: (317) 226-4152

Fax: (317) 226-3130 Fax

E-mail: [kern@ips.k12.in.us](mailto:kern@ips.k12.in.us)

The Learning Cooperative, consisting of Indianapolis Public Schools, the Chicago Public Schools, Walled Lake Consolidated Schools, the North Central Regional Education Laboratory, and Ameritech, will develop an affordable, scalable, and equitably distributed telecommunications infrastructure to deliver instructionally sound curriculum and technical support to schools, as well as effective professional development to all teachers in these schools.

## **Louisiana**

### **Natchitoches Parish School Board - Board of Regents**

Project Name: Goals 2000

Contact: Kerry Davidson

150 Third Street, Suite 129

Baton Rouge, LA

Telephone: (504) 342-4253

Fax: (504) 342-6926

E-mail: [davidson@regents.state.la.us](mailto:davidson@regents.state.la.us)

Web site: <http://www.challenge.state.la.us>

The Louisiana Systemic Initiatives program, in conjunction with the Louisiana Department of Education and Northeast Louisiana University will integrate Internet resources with curriculum reform to help meet National Education Goals in the school districts of five communities with high percentages of underserved students.

Telecommunications will be used to increase achievement in: school readiness; professional development; parent involvement; school-to-work transitions; and life-long learning. Partners include: Bell South; Shell Oil; five universities; the Governor's Goals 2000 office; and 17 other community based organizations, libraries, museums, and agencies across the state.

## **Maryland**

### **Baltimore City Public Schools**

Project Name: Baltimore Learning Community

Contact: Burt Ross

2500 E. Northern Parkway

Baltimore, MD 21214

Telephone: (410) 396-7607

Fax: (410) 426-6750 Fax

E-mail: [rross@bcps.k12.md.us](mailto:rross@bcps.k12.md.us)

Web site: <http://www.blcschools.net>

New technologies will strengthen the school-to-work transition in an Enterprise Zone/Empowerment Community. Electronic networks will link high school students with employers in real work experiences. State-of-the-art technology will give students access to digital video on demand for science and mathematics projects from the Discovery Channel. Partners include University of Maryland, College Park; Johns Hopkins University; Discovery Communications, Inc.; Apple Computer; Bell Atlantic; Maryland Public TV; American Training Standards Institute; Learning Matters, Inc.; Maryland Business Round Table; Magic Me; two Maryland teachers associations; and 10 other organizations. The U.S. Department of Education will partner with the U.S. Department of Labor on this project.

## **Michigan**

### **Newaygo County Intermediate School District**

Project Name: Newaygo County Advanced Technology Service

Contact: Larry Ivens

4747 West 48th Street

Fremont, MI 49412

Telephone: (231) 924-8838

Fax: (231) 924-8817

E-mail: [dr\\_ivens@NCATS.net](mailto:dr_ivens@NCATS.net)

Newaygo County School District, the county government, the Gerber Memorial Hospital, the Newaygo County Multi-Agency Consortium, the public libraries, and five other school districts will form a network to improve educational opportunities and social services in this extremely rural, low-income community. Local area networks in every school building will provide workstations and training for every teacher. A fiber optic network will link the schools, libraries, and over 40 community service providers in a "no wrong door" approach to services. The Fremont Area Foundation will fund construction of the fiber optic network, and the Gerber Companies Foundation will provide significant project support.

## **Nebraska**

### **Westside Community Schools**

Project Name: The Community Discovered

Contact: Ron Abdouch

3534 South 108th Street

Omaha, NE 68114-4999

Telephone: (402) 390-8323

Fax: (402) 390-8325

E-mail: [rabdouch@esu3.esu3.k12.ne.us](mailto:rabdouch@esu3.esu3.k12.ne.us)

Westside Community Schools and Prairie Visions: The Nebraska Consortium for Discipline-Based Arts Education will use telecommunications and digital technology to link urban and rural schools to the art collections of five major museums across the country. Activities include: an Electronic art museum in the classroom, computer based instruction, curriculum design, and professional development. The project will begin with five Nebraska school districts and extend to schools across the United States. Partners include: The Smithsonian National Museum of American Art; Joslyn Art Museum; Sheldon Memorial Art Gallery; The Getty Museum; The Kennedy Center for the Performing Arts; Pacific Imaging Center, Inc.; M. Power, Inc.; Digital Visions, Inc.; Apple Computer; Far West Laboratory; Prairie Visions (a consortium of 100 school districts, 3 museums, the Nebraska Art Teachers Association, and others); five school districts; and nine other art education institutes and teacher organizations.

## **New Hampshire**

### **Manchester School District**

Project Name: The Manchester Challenge

Contact: Rob Sommerfeldt

196 Bridge Street

Manchester, NH 03104

Telephone: (603) 624-6300

Fax: (603) 624-6337

E-mail: [aadamakos@mansd.org](mailto:aadamakos@mansd.org)

Web site: <http://www.mansd.org/challenge/index.html>

Manchester is an active Goals 2000 community. To achieve high standards in core academic subjects it will create a multimode instructional technology network for audio, video, and data communications among nine school districts serving 25 percent of the state's population. It will involve all schools, community resource centers, libraries and colleges in professional development, curriculum development, and administrative applications. Outreach will create improved lifelong learning opportunities for all community members. Over 40 partners will participate in this program, including: Cabletron; Continental Cablevision; Cyber-Space; New Hampshire Public TV; Multimedia Systems, Inc; several parent teacher organizations; 11 school districts and colleges; and the State Department of Education.

## **New Mexico**

### **Pueblo of Laguna Dept. of Education**

Project Name: Four Directions

Contact: Darlene Waseta

P.O. Box 207

Laguna, NM 87206

Telephone: (505) 552-6008

Fax: (505) 552-6398

E-mail: [darlene.waseta@enan.unm.edu](mailto:darlene.waseta@enan.unm.edu)

Web site: <http://www.4directions.org/>

Integrates new technologies with curriculum reform in Bureau of Indian Affairs Schools (BIA). Using Indian children's real-life experiences, and building on the content of Native American cultures, the "Four Directions" project is an indigenous education model that will help students in BIA schools meet high academic standards.

Telecommunications will link BIA schools across the country with a variety of university, museum, library, and Internet resources. BIA schools include: Ahfachkee Day School (FL); Indian Island School (ME); Quileute Tribal School (WA); Takini School (SD); Dilcon Boarding School (AZ); Laguna School (NM); Hannahville Indian School (MI); and Fond du Lac Ojibwe School (MN). Other partners include: the Heard Museum

of Native Culture and Art; the University of Kansas; Southwest Indian Polytechnic Institute, Intel Corp.; and Sandia National Laboratories.

## **Ohio**

### **Summit County Education Service Center**

Project Name: New 3: New Technology, New Knowledge, New Work

Contact: Michele Gaski

20 Washington Avenue, Suite 200

Cuyahoga Falls, OH 44221

Telephone: (330) 945-5600 ext 268

Fax: (330) 945-6222

In consultation with the Center for Leadership in School Reform, the Summit County Office of Education and the Technology Academy will support teachers who are creating "new work" partnerships with their students—work that meets the high academic standards embodied in Goals 2000, work that engages children, work in which children persist, and work that results in real accomplishments. The effort includes a technology work experience in which high school and college students operate a nonprofit company dedicated to rapid response support for classroom applications of technology. Partners include: Ameritech; LOGAL; the Akron Regional Development Board; the University of Akron; Ashland University; and Kent State University; among others.

## **Pennsylvania**

### **School District of Philadelphia**

Project Name: Philadelphia Technology Consortium

Contact: Vince DeTolla

JFK Center

734 Schuylkill Ave., Room 614

Philadelphia, PA 19146

Telephone: (215) 875-3744

Fax: (215) 875-3787

E-mail: [detolla@phila.k12.pa.us](mailto:detolla@phila.k12.pa.us)

New technologies will support a comprehensive school reform strategy in a large urban school district (Enterprise Zone/Empowerment Community). Learning Communities consisting of high schools linked with clusters of elementary schools, middle schools and a college are forming "Virtual Schools," which support professional development for teachers, and extended time and place for student learning. Partners include: Bell Atlantic; Unisys; IBM; Public TV; five colleges and universities; and the Private Industry Council.

**Towanda Area School District**

Project Name: New Vision  
Contact: Daniel Paul  
938 Fountain Street  
Ashland, PA 17921  
Telephone: (570) 874-2365  
Fax: (570) 874-3699  
E-mail: [dpaul@pto.net](mailto:dpaul@pto.net)  
Web site: <http://www.partnersdl.org>

An interactive network based on compressed video will connect 23 small rural school districts in 3 states (rural Pennsylvania, New York, & New Jersey). The project will grow to establish one of the largest (geographically) interactive learning networks in the country. School districts will share teaching personnel, curriculum resources, and teacher training. Schools will be linked to technical centers, museums, and colleges to extend the resources available to students beyond the confines of classroom walls. Partners include: Commonwealth Telephone Co.; Claverack Rural Electric; PA Rural Electric Association; Picturitel Inc.; Northeast Pennsylvania Tech-Prep Consortium; International Paper Co.; and 7 colleges, among others.

**South Dakota****Black Hills Special Services Cooperative**

Project Name: Technology in Education Challenge for Rural America (TEC-RAM)  
Contact: Jim Parry  
1925 Plaza Boulevard  
Rapid City, SD 57702  
Telephone: (605) 394-1876  
Fax: (605) 394-5315  
E-mail: [jparry@tie.net](mailto:jparry@tie.net)  
Web site: <http://tegram.tie.net/general.html>

The Technology in Education Challenge Grant for Rural Education (TEC-RAM), will integrate technology with curriculum in six community based systemic reform efforts across the state. This statewide effort uses technology to achieve objectives of the recently passed: Improving America's Schools Act; Goals 2000—Educate America Act; and School-To-Work opportunities Act. Partners include: Black Hills Special Services Cooperative; South Dakota Department of Education and Cultural Affairs; South Dakota Department of Labor; Black Hills and South Dakota State Universities; Spring Creek Video Productions, Inc.; and six local school districts.



## Texas

### **Socorro Independent School District**

Project Name: A Community of 21<sup>st</sup> Century Learners for El Paso

Contact: Jorge Descamps

University of Texas at El Paso

501 Education Building

El Paso, TX 79968

Telephone: (915) 747-7607

Fax: (915) 747-5755

E-mail: [descamps@utep.edu](mailto:descamps@utep.edu)

Web site: <http://challenge.education.utep.edu>

A Community of 21<sup>st</sup> Century Learners will be created among 15 partner schools belonging to a citywide collaborative for academic excellence. New technologies will be used to network the schools and the local university for professional development and the integration of technology with curriculum reform. Computers will be made available to low-income parents through parent centers and libraries staffed with educators who will train parents in the use of educational software with their children. Partners include: University of Texas at El Paso; El Paso Community College; three school districts; El Paso Chamber of Commerce; El Paso Hispanic Chamber of Commerce; Region XIX Education Service Center; El Paso Collaborative for Academic Excellence; and others.

## Utah

### **Southeast Education Service Center**

Project Name: State of Utah Resource Web (SURWEB)

Contact: F. Lynn Bills

685 East 200 South

Price, UT 84501

Telephone: (435) 637-1173

Fax: (435) 637-1178

E-mail: [lynn@m.sesc.K12.ut.us](mailto:lynn@m.sesc.K12.ut.us)

Web site: <http://www.surweb.org/>

The State of Utah Resource Web (SURWEB) will use telecommunications to provide quality educational opportunities in low-income, rural, and culturally disenfranchised communities. Internet resources will be integrated with curriculum reform in several thematic areas, including: Native American Cultures, Western History, geology, and paleontology. State Park and National Monument resources will be used to engage students in active learning projects. Partners include: Capitol Reef National Monument; Dinosaur National Monument; Far West Laboratory; Novell; Utah Office of Museum

Services; U.S. West Communications; Utah State Parks; Utah State Office of Education; several Indian Councils, and others.

## **Vermont**

### **Montpelier School District**

Project Name: The WEB Project

Contact: David Gibson

58 Barre Street

Montpelier, VT 05602

Telephone: (802) 229-4660

Fax: (802) 223-9795 Fax

E-mail: [dgibson@vismt.org](mailto:dgibson@vismt.org)

Web site: <http://www.webproject.org/>

Multimedia telecommunications will expand portfolio and performance based assessment of student achievement in the arts. Based on the Vermont Common Core Framework for Curriculum and Assessment, this technology creates a "WEB" of evidence of student performance in multiple learning domains represented by: sound, graphics, movement, data, and text. Partners include three Vermont school districts; Vermont Arts Assessment Project; Vermont Alliance for Arts Education; Vermont Center for Geographic Information; Vermont Institute of Science, Math and Technology; and Vermont Department of Education.