

SECTION 9

RESEARCH AND RESOURCES

INNOVATIVE USES OF TECHNOLOGY

As described on in Section 2, the strategic planning task force, reviewed numerous guiding documents and researched effective programs during plan development. Supporting research is noted throughout the plan and referenced below for the various plan components.

RELEVANT DOCUMENTS ON EFFECTIVE RESEARCH-BASED STRATEGIES

Curriculum and learning

Bain, A., & Ross, K. (1999). School reengineering and SAT-1 performance: A case study. *International Journal of Education Reform*, 9(2), 148-153.

CEO Forum. (2001). Year 4 STAR Report. Retrieved October 23, 2001, from: <http://www.electronic-school.com/2001/09/0901ewire.html#forum>.

Cradler, R., & Cradler, J. (1999). Just in time: Technology innovation challenge grant year 2 evaluation report for Blackfoot School District No. 55. San Mateo, CA: Educational Support Systems.

Koedinger, K., Anderson, J., Hadley, W., & Mark, M. (1997). Intelligent tutoring goes to school in the big city. *International Journal of Artificial Intelligence in Education*, 8, 30-43. Retrieved October 23, 2001, from <http://act.psy.cmu.edu/awpt/AlgebraPacket/kenPaper/paper.html>.

Mann, D., Shakeshaft, C., Becker, J., & Kottkamp, R. (1999). West Virginia story: Achievement gains from a statewide comprehensive instructional technology program. Santa Monica, CA: Milken Exchange on Educational Technology.

*McCoy, L. P. (1996). Computer-based mathematics learning. *Journal of*

Research on Computing in Education, 28(4), 441-442.

Professional Development

Abbott, J. A., & Faris, S. E. (2000). Integrating technology into pre-service literacy instruction: A survey of elementary education students' attitudes toward computers. *Journal of Research on Computing in Education*, 33(2), 149-161. Retrieved February 7, 2002, from <http://www.iste.org/jrte/33/2/abstracts/abbott.html>

Goldberg, K., & Sherwood, R. D. (1983). *Microcomputers: A parent's guide*. New York, Wiley. International Society for Technology in Education. (2000). National educational technology standards for teachers. Eugene, OR: Author. Retrieved February 14, 2002, from <http://cnets.iste.org/>.

National Council for Accreditation of Teacher Education (NCATE). (1997). *The CEO Forum on Education and Technology*, (1999). Professional development: A link to better learning. The CEO Forum School Technology and Readiness Report. Retrieved February 11, 2002, from <http://www.ceoforum.org>.

Planning, Support, and Assessment

Bain, A., & Smith, D. (2000). Technology enabling school reform. *T.H.E. Journal (Technological Horizons in Education)*

RESOURCES

The following resources are for those interested in learning more about education technology.

[California School Technology Survey](#)

Data collection tool designed to measure the progress of technology integration in California classrooms

[California Technology Assessment Profile \(CTAP2\)](#)

On-line, self-assessment tool that allows school and district educators and administrators the ability to gather data for staff technology professional development and technology planning.

[California Technology Assistance Project \(CTAP\)](#)

Statewide educational technology

leadership initiative providing assistance to schools and districts in integrating technology into teaching and learning.

Education Technology Planning: A Guide for School Districts

California's guidelines for district-level educational technology planning.
<http://www.cde.ca.gov/ls/et/rd/edtechguide.asp>

EETT TECHNOLOGY PLAN REQUIREMENTS

The specific technology plan requirements for formula and competitive grant applications for Title II, Part D in No Child Left Behind. Relevant to all plan components.
<http://www.ed.gov/policy/elsec/leg/esea02/pg35.html#sec2414>

[e-Learning: Putting a World-Class Education at the Fingertips of All Children](#)

The second national education technology plan of the U.S. Department of Education.
<http://www.nationaledtechplan.org/>

ISTE/CARET Education Technology Research Project

The CARET project bridges education technology research and practice by offering research-based answers to critical questions.
<http://caret.iste.org/>

[Students in Today's Schools](#). A presentation from the Department of Education's Office of Educational Technology.