Sine Qua Non

Indispensable Resources
for Ed Tech Professionals
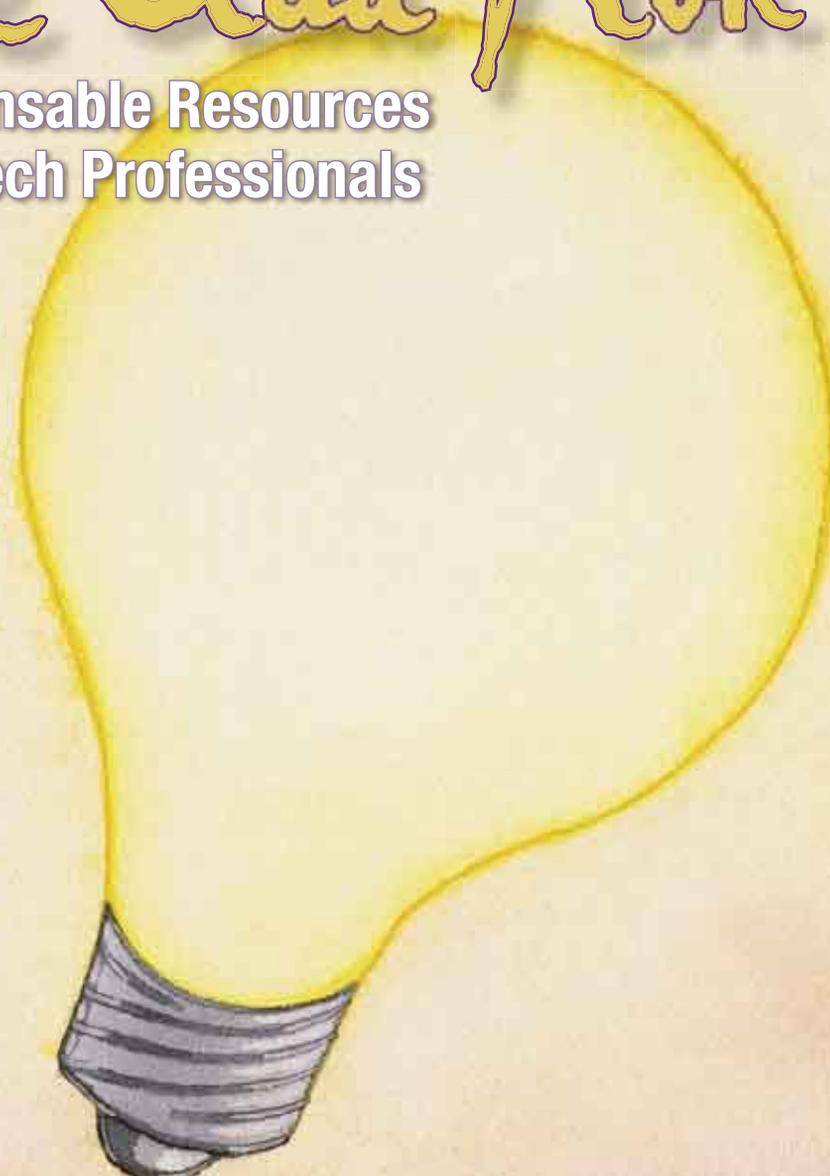
By Kate Conley

Subject: Professional development, leadership

Audience: Technology coordinators, technology integration specialists, technology facilitators, teachers, administrators, teacher educators

Standards: *NETS•T* V; *NETS•A* I, III (http://www.iste.org/standards/)

Part 2

Leadership

Integrating technology into curricula requires more than just placing the latest and greatest hardware and software in a classroom. Effective integration requires leadership. In Part 2 of this series on essential resources, I focus on resources related to leadership.

As you may recall from Part 1 (*L&L*, March 2004, pp. 10–13), these resources were compiled from suggestions made by ISTE members, volunteers, board and committee members, advocate network members, and staff.

Leadership Resources
Books

Leslie Flanders, Director of Technology for Scott County Schools in Georgetown, Kentucky, and an ISTE board member, said she recommended the two books below "because it isn't the technology that's important as much as it is having the ability to lead folks through the change process." The same can be said of many of the recommended books listed here. Though several were written from a business perspective, they provide many applications and implications for education.

A Simpler Way by M. J. Wheatley & M. Kellner-Rogers. (1996). San Francisco: Berrett-Koehler Publishers. ISBN 1881052958.

Diffusion of Innovations by E. M. Rogers. (5th ed., 2003). New York: The Free Press. ISBN 0743222091.

Glen Bull, PhD, Ward Professor of Education in the Curry School of Education at the University of Virginia, had this to say about Rogers's book:

> *Diffusion of Innovation* is an important title that should be on the required reading list of any technology leader. Exploring how innovations diffuse into other fields such as medicine, agriculture, and business is useful as we consider diffusion of innovations in education, and it encourages us to think about this process in a broader context.

The Fifth Discipline by P. M. Senge. (1990). New York: Currency Doubleday. ISBN 0385260954.

Expect the Unexpected (Or You Won't Find It): A Creativity Tool Based on the Ancient Wisdom of Heraclitus by R. Von Oech. (2001). New York: The Free Press. ISBN 0743222873.

Good to Great: Why Some Companies Make the Leap … and Others Don't by J. Collins. (2001). New York: HarperBusiness. ISBN 0066620996.

In recommending *Good to Great*, Don Hall, CIO for the Kent, Washington, school district and *L&L's* For Tech Leaders column editor, said "the organizational and leadership principles are quite applicable to the educational venue, and it clearly shows that greatness rests heavily on the way the leader leads."

It's Not How Good You Are, It's How Good You Want to Be by P. Arden. (2003). Boston: Phaidon Press Inc. ISBN 0714843377.

Leadership and the New Science: Discovering Order in a Chaotic World by M. J. Wheatley. (rev. ed., 2001). San Francisco: Berrett-Koehler Publishers. ISBN 1576751198.

The Leadership Challenge by J. M. Kouzes & B. Z. Posner. (3rd ed., 2003). San Francisco: Jossey-Bass. ISBN 0787968331.

Leading in a Culture of Change by M. G. Fullan. (2001). San Francisco: Jossey-Bass. ISBN 0787953954.

National Educational Technology Standards for Administrators by the NETS Project. (2002). Eugene, OR: ISTE. ISBN 1564841898.

The New Meaning of Educational Change by M. G. Fullan. (3rd ed., 2001). New York: Teachers College Press. ISBN 0807740691.

Oversold and Underused: Computers in the Classroom by L. Cuban. (2003). Cambridge, MA: Harvard University Press. ISBN 0674011090.

Reframing Organizations: Artistry, Choice, and Leadership by L. G. Bolman & T. E. Deal. (3rd ed., 2003). San Francisco: Jossey-Bass. ISBN 0787964271.

Servant Leadership: A Journey into the Nature of Legitimate Power and Greatness by R. K. Greenleaf. (2002).

"It isn't the technology that's important as much as it is having the ability to lead folks through the change process."

—Leslie Flanders, Director of Technology for Scott County Schools in Georgetown, Kentucky

"Greatness rests heavily on the way the leader leads."

—Don Hall, CIO for the Kent, Washington, school district

Mahwah, NJ: Paulist Press. ISBN 0809105543.

Smart Schools: From Training Memories to Educating Minds by D. N. Perkins. (1995). New York: The Free Press. ISBN 0028740181.

Team Building for School Change: Equipping Teachers for New Roles by G. I. Maeroff. (1993). New York: Teachers College Press. ISBN 0807732672.

The Tipping Point: How Little Things Can Make a Big Difference by M. Gladwell. (2000). New York: Little Brown and Company. ISBN 0316346624. (**Editor's Note:** Gladwell will deliver the opening keynote address at NECC 2004 in New Orleans, Louisiana, on June 20, 2004.)

Articles & Reports

Findings from the Teaching, Learning, and Computing Survey: Is Larry Cuban Right? by H. J. Becker. (2000). University of California, Irvine: Center for Research Information Technology and Organizations. Available: http://www.crito.uci.edu/2/

Technology and the New Professional Teacher: Preparing for the 21st Century Classroom by the National Council for Accreditation of Teacher Education. (1997). Washington, DC: Author.

If We Didn't Have the Schools We Have Today, Would We Create the Schools We Have Today? by T. G. Carroll. (2000). *Contemporary Issues in Technology and Teacher Education, 1*(1) [Online serial]. Available: http://www.citejournal.org/vol1/iss1/currentissues/general/article1.htm

Periodicals

CIO Insight: http://www.cioinsight.com

Desktop EdNet Pro (by Heller Reports): http://www.hellerreports.com/NewsLetters/DEPsample.htm

Educational Leadership: http://www.ascd.org/cms/index.cfm?TheViewID=353&flag=353

Education Week: http://www.edweek.org/

eSchoolNews: http://www.eschoolnews.com

Web Sites

Apple Classrooms of Tomorrow (ACOT): http://www.apple.com/education/k12/leadership/acot/. According to the Web site, ACOT was a research and development collaboration among public schools, universities, research agencies, and Apple Computer, Inc., to study how routine technology use by teachers and students might change teaching and learning. Though the collaboration ended in 1998, the information remains current and useful.

Center for Applied Research in Educational Technology: http://caret.iste.org

CEO Forum on Education and Technology: http://www.ceoforum.org

National Education Technology Plan (NETP): http://www.nationaledtechplan.org/. According to the Web site, "The NETP for the U.S. Department of Education is being developed as part of a long-range national strategy and guide for using technology effectively to improve student academic achievement—either directly or through integration with other approaches to systemic reform."

National Educational Technology Standards (NETS): http://www.iste.org/standards

STaR Chart (a technology readiness assessment tool): http://www.iste.org/starchart/ or http://www.ceoforum.org/starchart.html

Conclusion

I have to agree with the comments Hall made when he sent me his recommendations:

> The way I look at educational technology leaders, regardless of where they are positioned within the hierarchy of their organizations, they will bring the most value to those organizations if they are schooled in instructional, strategic, technological, and political frameworks. They also need to balance their library with quick-hit information they can read on the run and material that requires deeper reflection and inquiry.

I hope these suggested resources will expand your vision of leadership and the role of technology in the educational process and in your organization. Let us know if you found any new resources or if you think we missed one; send a letter to letters@iste.org.

Look for essential resources on integrating technology into curricula in the May 2004 issue of *L&L*.

L&L's editor, Kate Conley, taught English and writing at the secondary and community college levels for eight years before pursuing a career in journalism. She holds a BA in English from the University of the Pacific and an MS in journalism from the University of Oregon.