

IAT INFOBITS

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About INFOBITS

Infobits is an electronic service of the Institute for Academic Technology's Information Resources Group. Each month we monitor and select from a number of information technology and instruction technology sources that come to our attention and provide brief notes for electronic dissemination to educators.

[Wall Street Journal Report on Technology and Education](#)

[Quantum Magazine Receives Excellence Award](#)

[Economics and the Internet](#)

[Computing and the Classics](#)

[Learner Online](#)

[The Jessica Report](#)

[Critical Thinking Community](#)

[IAT Librarian's Links](#)

[IAT Infobits in HTML Format](#)

WALL STREET JOURNAL REPORT ON TECHNOLOGY AND EDUCATION

The November 13, 1995, issue of the *Wall Street Journal* included a special report on technology and education from preschool through college. For the next few weeks, this report can be viewed on the *WSJ's* World Wide Web site. You will first have to become a registered user to get access to the page that contains the report. Registration is free at URL <http://update.wsj.com/register.html>

After registration you can access the report at URL <http://update.wsj.com/update/edit/techmain.htm>

Printed copies of the report can be obtained from: Technology, Dow Jones & Company, Inc., 200 Burnett Road, Chicopee, MA 01020-4615 USA. Cost is \$4.00/one copy; \$2.00/each additional copy. Checks and money orders should be made payable to Dow Jones & Company.

QUANTUM MAGAZINE RECEIVES EXCELLENCE AWARD

Quantum: The Magazine of Math and Science was awarded the 1995 Folio Editorial Excellence Award based on *Quantum's* fulfillment of its editorial mission. *Quantum's* mission is to be "a magazine of math and science for anyone who wants more than a textbook treatment of these subjects. *Quantum* articles are not written like articles in scientific journals; by engaging the readers (rather than dictating to them), they lead the reader to work out problems on the side." Articles are directed toward senior high school and college levels.

Quantum, now in its fifth year, is a publication of the National Science Teachers Association (NSTA) and Quantum Bureau of the Russian Academy of Sciences in conjunction with the American Association of Physics Teachers (AAPT) and the National Council of Teachers of Mathematics (NCTM). *Quantum* contains translated material from *KVANT*, a physics and mathematics magazine published by the Russian Academy of Sciences.

Quantum: The Magazine of Math and Science [ISSN 1048-8820] is published bimonthly by the National Science Teachers Association (in cooperation with Springer-Verlag New York, Inc.), 1840 Wilson Blvd., Arlington, VA 22201-3000 USA; tel: 703-243-7100. North American subscriptions are \$15/year/student; \$20/year/personal;

\$39/year/institutional from Quantum, Springer-Verlag New York, P. O. Box 2485, Secaucus, NJ 07096-2485 USA; tel: 800-777-4643 or 201-348-4033. For subscriptions outside North America, place orders through local bookseller or directly through Springer-Verlag, Postfach 31 13 40, D-10643 Berlin, Germany.

Quantum also has a page on the World Wide Web at URL <http://www.nsta.org/quantum>

ECONOMICS AND THE INTERNET

The Information Economy, a collection of documents maintained by Hal Varian, contains links to documents about the economics of the Internet, information goods, intellectual property and related issues. The URL is <http://www.sims.berkeley.edu/~hal/InfoEcon.html>. Varian is Dean of the School of Information Management and Systems at the University of California at Berkeley and Professor in the Haas School of Business at UC Berkeley. He can be reached at hal@sims.berkeley.edu

Economics of Networks, created by Nicholas Economides, is a collection of information on economic issues of various networks, including the Internet. The URL is <http://edgar.stern.nyu.edu:80/networks/>. Economides is Associate Professor, Stern School of Business, New York University and can be reached at neconomi@stern.nyu.edu

COMPUTING AND THE CLASSICS

Computing and the Classics is a quarterly newsletter reporting on computer activities in research and instruction. With the February 1996 issue the editor will begin distributing an electronic version by email, both to reduce costs and to reach new subscribers in Europe and Asia. The printed version will continue to be available to subscribers who want it. To be added to the electronic subscriber list, send email to listserv@lists.acs.ohio-state.edu with the message:

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subscribe comclass Firstname Lastname
(substituting your own first and last names).
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Computing and the Classics [ISSN 8756-596X] is published with funds provided by the Ohio State University. Hard copy subscriptions are available at no cost by contacting Joseph Tebben, Editor, 147 Adena Hall, Ohio State University at Newark, 1179 University Drive, Newark, OH 43055 USA; email: tebben.1@osu.edu

LEARNER ONLINE

This month the Annenberg/CPB Project launched Learner Online, their World Wide Web site. In addition to a catalog of educational resources (videos, videodiscs, and CD-ROMs), the site will have research articles on educational strategies and technology, reports on recently-funded projects, information on how to offer a telecourse, and opportunities to try out some of the Annenberg/CPB CD-ROMs. Each month the site will "spotlight" parts of the Annenberg/CPB Project educational resources series. The first spotlight is a tour of Pompeii, part of their history series, "The Western Tradition." For teachers using the "French in Action" series, the Web site includes a newsletter, information on listservs and workshops, and case studies. Future additions will include real-time chat areas and other interactive learning activities for teachers and students of French. The URL for the site is <http://www.learner.org/>

THE JESSICA REPORT

Educating Jessica's Generation: Learning, Technology, and the Future of K-12 Education is a long range, in-depth analysis of the issues shaping education in the 21st century. It resulted from a year-long study by a panel of educational experts from academe, industry, and government that was sponsored by the Jostens Learning Education Forum. The report follows a hypothetical student, Jessica, "a child of the information age," born in 1990, beginning school in 1995. The scenario continues by comparing her experiences with those of her daughter born twenty years later. The intention of the study was to "create a catalyst to help national and local leaders, educators, parents, taxpayers, business people, and people engaged in technology developments, enrich their dialog about the purposes, practices and possibilities of education to help our communities and nation toward achieving their visions." While the

report's title refers to the K-12 level, much of the information is useful to those involved in higher education.

A free copy of the 63-page report can be downloaded from the Jostens Learning Corporation World Wide Web page at URL <http://www.jlc.com/edures/teachers/edforum.html> or by calling 800-244-0575.

CRITICAL THINKING COMMUNITY

The Critical Thinking Community is a World Wide Web site sponsored by the Center and the Foundation for Critical Thinking, both located at California's Sonoma State University. The Center conducts advanced research and disseminates information on critical thinking and sponsors the annual International Conference on Critical Thinking and Educational Reform. The Web site contains a collection of articles and reference material about the theory and practice of Critical Thinking; a Teachers' Resource Center, which includes guidelines and lessons for integrating Critical Thinking into the curriculum; a listing of Center workshops; and information on Center publications.

The Critical Thinking Community is located at URL <http://www.sonoma.edu/CThink/>

For more information on the Center and the Foundation for Critical Thinking, contact: Dr. Richard Paul, Director, The Center and the Foundation for Critical Thinking, 4655 Sonoma Mountain Road, Santa Rosa, CA 95404 USA; email: cct@sonoma.edu

IAT LIBRARIAN'S LINKS

Added this month to the IAT Librarian's Links Web pages:

"Courses Taught Using the Internet" [Retitled "Learning Over the Internet" in 1996]

Links to the growing number of college, universities, and other educational institutions that are teaching classes or delivering course materials over the Internet.

<http://www.unc.edu/cit/guides/irg-38.html>

"Computer Conferencing Software Vendors List"

Prepared in conjunction with our November satellite broadcast, "Computer Conferencing: Alternative to Lectures."

<http://www.unc.edu/cit/guides/irg-36.html>

The Librarian's Links main page is located at <http://www.unc.edu/cit/guides/subjects.html>

IAT INFOBITS IN HTML FORMAT

All back issues of *IAT Infobits* have now been converted to HTML format and are available at URL

<http://www.unc.edu/cit/infobits/index.html>

The conversion process is more than a cosmetic change. URLs included in an article were checked and, if necessary, updated. Hyperlinks were made for the URLs. Some articles were also revised or deleted altogether because services mentioned had been discontinued. Readers can still retrieve unchanged copies of Infobits issues as they were originally distributed at URL <http://www.unc.edu/cit/infobits/text/index.html>

URL: <http://www.unc.edu/cit/infobits/bitnov95.html>

Infobits editor: [Carolyn Kotlas](#)

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