

Annotated bibliography of selected authors on 'Integrating Technology in the Classroom'

Alessi, S. M., Trollip, S. R., (2001) *Multimedia for Learning: Methods and Development (3rd Edition)*, Massachusetts, Allyn and Bacon.

- This book covers modern multimedia (video and audio) and methods such as hypermedia and Web-based learning to address the practical needs of teachers. It also includes a discussion of open-ended learning environments.

Bitter, G.G., Pierson, M.E. (2001) *Using Technology in the Classroom, (Fifth Edition)*, New Jersey, Allyn & Bacon.

- This book presents online educational resources, the latest in educational software, electronic communication, creating Web-based instruction, emerging technology, as well as how to utilize each of these elements and implement a technology based curriculum.

Burniske, R. W., Monke, S., Soltis, J.F. (2001) *Breaking Down the Digital Walls: Learning to Teach in a Post-Modem World (Suny Series, Education and Culture)*, New York, State University of New York Pr.

- This book addresses the problems that teachers face with respect to their own professional development. If you've not been in a school recently this book will certainly help you understand why so many teachers struggle with new technology -- and why we all should be asking more questions about its place in the curriculum.

Cuban, Larry (1986) *Teachers and Machines: The Classroom Use of Technology Since 1920*, Teachers College Pr.

- The author reviews the attempts to adopt technology into American classrooms throughout the 20th century. Moving pictures, radio, TV, and other technology-based improvements failed to make a dent in established curriculum and teaching. Cuban analyzes these failures, and applies his ideas to the current wave of technology edu-euphoria, the computer.

Churma, Michelle, (1999) *A Guide to Integrating Technology Standards into the Curriculum*, First Edition, New Jersey, Prentice Hall.

- This book is designed for educators interested in using the curriculum standards set by organizations such as the National Council for Teachers of Mathematics and the National Council for Teachers of English.

diSessa, Andrea, (2001) *Changing Minds: Computers, Learning, and Literacy* (1st Edition), MIT Press (Reprint Edition).

- One of the original designers of the children's programming language Logo, DiSessa has spent most of his professional life thinking about how kids use and change technology and, ultimately, how technology changes kids. Here, he examines how computers are creating a new literacy, particularly for science education, where the computer is more than a tool for funneling instruction to students.

Geisert, P.G., Futrell, M.K., (2000) *Teachers, Computers, and Curriculum: Microcomputers in the Classroom (3rd Edition)*, Needham Heights, Allyn and Bacon.

- This book addresses the needs and concerns of preservice and inservice teachers of different experiential backgrounds, from computer novice through long-time proficient users. It emphasizes methods of classroom and curricular integration and the necessary information and issues to consider when deciding on computers for one's classroom.

Gordon, David T., (2000) *The Digital Classroom: How Technology is Changing the Way We Teach and Learn*, (1st Edition), Harvard Education Letter.

- This book talks about the latest trends in educational development and the changes in the classroom. It emphasizes on the way technology is affecting our teaching and learning.

Herrell, A. L., Folwer, Jr. J.P., (1998) *Camcorder in the Classroom: Using the Videocamera to Enliven Curriculum*, First Edition, New Jersey, Prentice Hall.

- This book provides aid to teachers of students from kindergarten through college levels. The book demonstrates ways that the camcorder and VCR can enliven the curriculum. Application ideas for all basic subject areas are supplied to assist teachers as they motivate, teach, and assess their students with the help of this powerful tool.

Herrick, Robert et al (1999) *Instructional Media and Technologies for Learning*, (7th Edition), Prentice Hall College Div.

- This book covers the full range of instructional media technologies such as audio, video, computers, distance learning, and illustrates how to integrate them into the classroom effectively. It details the use of media and technology in today's classrooms.

Jonassen, David H., Howard J., Moore, J., Marra R.M., (2002) *Learning with Technology: A Constructivist Perspective*, (2nd Edition), Prentice Hall.

- This book addresses how to use very specific types of technology and focuses on how technology can be used as a thinking tool to foster meaningful learning. It approaches learning from a constructivist view and relates it to using technology to engage meaningful learning.

Jonassen, David H., Howard J., Moore, J., Marra R.M., (2002) *Learning to Solve Problems with Technology: A Constructivist Perspective* (2nd Edition), Prentice Hall.

- The learning strategies described cover active learning, problem-based learning, inquiry, discourse, learning by visualizing and by constructing reality. In each case, the authors describe the learning process, the activities, the teacher's role, and forms of assessment.

Kallic, B, Wilson, J. M., Wilson J., M. III, (2000) *Information Technology in Schools: Creating Practical Knowledge to Improve Student Performance*, Jossey- Bass.

- This book presents successful approaches to using technology to serve different educational priorities. The authors discuss the challenge of planning integrated information systems, establishing benchmarks to measure overall progress, and harnessing technology to improve curriculum and teaching practice.

LeBaron, J., Collier, C., (2001) *Technology in Its Place : Successful Technology Infusion in Schools*, Jossey-Bass.

- The book examines the roles and responsibilities of teachers, librarians, technologists, and administrators. It also provides advice for formulating and implementing policy on intellectual freedom and acceptable technology practice.

Lever-Duffy, J., McDonald, J. B., Mizell, A. P. (2003) *Teaching and Learning with Technology*, First (Teacher) Edition, Boston, Allyn and Bacon.

- This book offers a pragmatic, student-friendly approach that helps teachers explore, evaluate, and effectively integrate the full range of instructional technologies they are likely to find in their classrooms.

Male, Mary, (1996) *Technology for Inclusion: Meeting the Special Needs of All Students*, (3rd Edition), Allyn & Bacon.

- This book is designed for hands-on practitioners, whether beginners or advanced users. Written in an informal style, yet clearly research based, this book will appeal to the needs of professional in service audiences. The focus of the book is on how technology can help promote participation in the mainstream, both at school and in society. This book is geared for professionals working in the field of education.

Means, Barbara et al. (2001) *The Connected School: Technology and Learning in High School*, Jossey-Bass.

- This book offers school administrators, leaders, and teachers a behind-the-scenes look at what happens when a school becomes "connected," not just in terms of computers and networking but in terms of teacher collaboration and support as well.

Morrison, G.R., Lowther, D. L., DeMeulle, L, (1999) *Integrating Computer Technology into the Classroom*, (First Edition), New Jersey, Prentice Hall.

- This book presents a model for creating lesson plans that integrate computer technology into the curriculum. The authors emphasize the use of the computer as a tool for learning.

Newby, Timothy J., et. al., (1999) *Instructional Technology for Teaching and Learning: Designing Instruction, Integrating Computers, and Using Media*, (2nd edition), Prentice Hall.

- This book successfully integrates instructional design principles, methods, media, and computing, and it uses a learner-centered approach that focuses on how to design solid technology - enhanced instruction that increases learning. It details the basic theories and applications of educational technology in a reader-engaging format.

Norton, P., Wiburg, K.M., (1998) *Teaching with Technology*, Orlando, Harcourt Brace College Publishers.

- This book is a tool for helping practicing educators use technology to design the types of learning experiences needed for students and helps students learn to make decisions, solve real problems etc.

Roblyer, M. D, Edwards, J., Havriluk, M. A., (1996) *Integrating Educational Technology into Teaching*, (1st Edition), Prentice Hall.

- This book is written from the teacher's perspective and is ideal for both novice and experienced computer users alike. It presents practical, effective theory-based strategies for integrating technology resources and technology-based methods into everyday classroom practices.

Roblyer, M. D., Roblyer Margaret D., (2002) *Starting Out on the Internet: A Learning Journey for Teachers (2nd Edition)*, Prentice Hall.

- This book takes a step-by-step approach to learning how to navigate the Internet and use it as a powerful resource for teaching and learning. It covers understanding URLs, navigating the net, starting up search engines, etc., integrating the Internet into teaching, and creating your own web site.

Roblyer, M. D. (1997) *Integrating the Internet Into Your Classroom: Teaching With a CCCnet Curriculum*, First Edition, New Jersey, Merrill.

- This text supplies advice, sample screens and step-by-step lesson examples to illustrate the use of the Internet in conjunction with textbook materials. It provides information on the role of the Internet in education.

Sandholtz, J. H., Ringstaff, C., Dwyer, D.C., (1997) *Teaching With Technology: Creating Student-Centered Classrooms*, Teachers College Pr.

- This book encourages students to learn in an environment in which they have some control over what they produce. This book portrays the successful use of technology and shows how students are highly motivated to do their projects when technology is implemented.

Shelly, G.B. , Cashman T. J. , Gunter G. A., Gunter R. E. (1999) *Teachers Discovering Computers: Integrating Technology in the Classroom (First Edition)*, Course Technology.

- This book presents practical, effective, theory-based strategies from a teacher's perspective to help integrate technology resources and methods into today's classroom.

The George Lucas Educational Foundation, (2002) *Edutopia: Success Stories for Learning in the Digital Age*, Book & CD-Rom edition, Jossey-Bass.

- *Edutopia* offers a unique perspective on education in which technology is employed to make schools more exciting and dynamic for everyone involved -- students work on real-world projects and consult with the best outside experts; teachers learn by tapping into the best people and practices in their field; and classrooms regularly connect with the rich resources of their communities and the world beyond.

Williams, Bard (1996) *The Internet for Teachers (--For Dummies)* (2nd Edition), Hungry Minds Inc.

- In this book the author presents a primer on what the Internet is, how it came to be, and where it's heading. Williams demystifies modems and lays out your options for obtaining Internet access, from signing up with a major online service to connecting directly through a local Internet Service Provider (ISP) as well as how to integrate the Internet into traditional areas of study.