Annotated Bibliography - Technology in the Classroom

Author	Title	Publisher	Pub. Date	Annotation
Pitler, Howard, Elizabeth R. Hubbell, Matt Kuhn, Kim Malenoski	*Using Technology With Classroom Instruction That Works*	ASCD	2007	One of the most effective ways to implement the research-based instructional strategies from Classroom Instruction That Works is to use them with educational technologies, such as word processing and spreadsheet applications, multimedia, data collection tools, communication software, and the Internet. This book shows you how and gives you hundreds of lesson-planning ideas and strategies for every grade level and subject. Discover new educational tools that support research-based instruction, and learn ways to use technologies you already know to * Create and use advance organizers and nonlinguistic representations * Help students take notes, summarize content, and make comparisons * Engage students in cooperative learning * Help students generate and test hypotheses * Support students in practicing new skills and doing homework * Reinforce students? efforts through formative assessment and feedback Getting this guide ensures you always know when to use educational technologies, which ones are best for a learning task, and how they help students use new learning strategies. -From Google Products
November, Alan C.	*Empowering Students With Technology*	Corwin Press	2009	Fifty Web sites, lesson ideas, new resources, and real-life examples help educators use technology to expand classroom experiences and strengthen students' critical thinking, research, and problem-solving skills. -From amazon.com
Schrum, Lynne M. and Barbara B. Levin	*Leading 21st-Century Schools: Harnessing Technology for Engagement and Achievement*	Corwin Press	2009	Aligned to the ISTE NETS standards for administrators, this guide provides an actionable plan for integrating new technology into teaching and learning and realizing measurable improvement. -from Amazon.com
Collins, Allan and Richard Halverson	*Rethinking Education in the Age of Technology: The Digital Revolution and Schooling in America*	Teachers College Press	2009	The digital revolution has hit education, with more and more classrooms plugged into the whole wired world. But are schools making the most of new technologies? Are they tapping into the learning potential of today's Firefox/Facebook/cell phone generation? Have schools fallen through the crack of the digital divide? In Rethinking Education in the Age of Technology, Allan Collins and Richard Halverson argue that the knowledge revolution has transformed our jobs, our homes, our lives, and therefore must also transform our schools. Much like after the school-reform movement of the industrial revolution, our society is again poised at the edge of radical change. To keep pace with a globalized technological culture, we must rethink how we educate the next generation or America will be left behind. This groundbreaking book offers a vision for the future of American education that goes well beyond the walls of the classroom to include online social networks, distance learning with anytime, anywhere access, digital home schooling models, video-game learning environments, and more.
Bitter, Gary G. and Jane M. Legacy	*Using Technology in the Classroom*	Allyn & Bacon	2007	The book covers all the relevant technology topics related to understanding, creating, developing, applying and implementing technology rich experiences for students and teachers. This includes the words and acronyms that often cause concern for educators like podcasting, spyware, MUDs, MUVEs, social networking, and blogging. Suggestions and examples are provided to help students understand these terms. Thoroughly revised and updated, this text includes the most current information on the use of technology in the classroom: social, ethical, legal and human issues including copyright, early childhood, exceptional students, emerging technologies, podcasting, and digital storytelling. Educational website addresses, screen captures, Internet activities, resources, and applications all provide clear and comprehensive information to equip students with the basic tools needed for understanding and integrating technology into education. - From amazon.com
Ivers, Karen S.	*A Teacher's Guide to Using Technology in the Classroom*	Libraries Unlimited	2009	Over 60% of this updated book is all new material focusing on the rapidly changing world of technology and its use in the classroom. Featuring updated weblinks, resources, research, and software reviews throughout, this title introduces podcasting, blogs, and course management systems as they relate to teacher tools and instruction (and addresses pedagogical and management issues as they relate to one-to-one laptop environments. An all new chapter, Managing and Assessing Computer Use Outside of the Classroom placed after Managing and Assessing Computer Use Inside of the Classroom focuses on content delivery and management over the Internet, with greater focus on podcasts, blogs, course management systems, and other content development tools for online learning and research related to online learning; tips and recommendations. The author has incorporated feedback from faculty and reviews of the previous edition in this revision. Grades K-12.. -From amazon.com
Frei, Shelly, Amy Gammill and Sally Irons	*Integrating Technology Into the Curriculum*	Shell Education	2007	Step into the digital age of learning by teaching and applying technology effectively in your classroom. This up-to-date, research-based book provides teachers with classroom-tested ideas and resources to enhance instruction and help make the integration of technology a seamless process. Topics include how to differentiate with technology in a lesson, technology standards, software programs, information literacy, project-based learning and assessment, classroom management, computer troubleshooting, and more. - From amazon.com
Richardson, Will	*Blogs, Wikis, Podcasts, and Other Powerful Web Tools for Classrooms*	Corwin Press	2010	For educators of all disciplines, this third edition of a bestseller provides K–12 examples of how Web tools such as blogs, wikis, Facebook, and Twitter allow students to learn more, create more, and communicate better. -From amazon.com
Frazel, Midge	*Using Google Tools in the Classroom*	Teacher Created Resources	2009	Find out what the Google search engine can do for you as an educator. Over two dozen specific Google applications are identified, described in terms of usefulness to teachers and students, and accompanied by standards-based lessons. -From teachercreated.com
Besnoy, Kevin D. and Lane W. Clarke, Editors	*High-Tech Teaching Success! A Step-by-Step Guide to Using Innovative Technology in Your Classroom*	Prufrock Press, Inc.	2009	An easy-to-use guide to implementing the most exciting technologies to energize any classroom, High-Tech Teaching Success!: A Step-by-Step Guide to Using Innovative Technology in Your Classroom gives classroom teachers exactly what they're looking for: advice from technology education experts on how the latest tools and software can be implemented into lesson plans to create differentiated, exciting curriculum for all learners. -From amazon.com
Smith, Grace and Stephanie Throne	*Differentiating Instruction with Technology in K-5 Classrooms*	International Society for Technology in Education	2007	Differentiating Instruction with Technology in K-5 Classrooms helps today's educators understand how to immediately use technology as a tool to differentiate instruction. The authors provide a variety of practical instructional strategies to accommodate a broad range of learning styles, abilities, and curriculum content. Creative, ready-to-use lessons mapped to curriculum content standards, activities, and templates allow teachers to kick-start their use of technology in differentiating instruction. -From amazon.com
Hamilton, Boni	*IT's Elementary!: Integrating Technology in the Primary Grades*	ISTE	2007	In 2004 a traditional Colorado elementary school became National School Library Media Program of the Year. How did they do it? In IT's Elementary! Integrating Technology in the Primary Grades instructional technology specialist Boni Hamilton offers an insider's view of her school's award-winning makeover. Guiding readers through the process of planning and implementing an integrated technology program on a shoestring budget, Hamilton discusses hardware procurement, lab design, curricular remodeling, classroom management, and the importance of a collaborative approach--all with an eye toward developing exciting, standards-based activities for our youngest digital natives. -From amazon.com
Frazel, Midge	*Digital Storytelling Guide for Educators*	International Society for Technology in Education	2010	This book offers an overview of digital storytelling as well as its variations, including e-portfolios, digital photo essays, and scrapblogs. The many recommendations, overviews, and explanations of digital storytelling tools, along with lists of additional digital storytelling resources, will help educators to apply this exciting technology in their classrooms. Educators will also discover the ways digital storytelling can be used for their own professional development. Digital Storytelling Guide for Educators provides detailed directions to preparation, production, and presentation, and rounds out with a discussion on creating rubrics and evaluating student work. Readers will come away with an understanding of digital stories and the tools needed to create them. -From amazon.com
November, Alan C.	*Web Literacy for Educators*	Corwin Press	2008	The author offers exercises, examples, handouts, and basic tips to help both learners and educators find and evaluate information on the Web for quality and validity.
Bonk, Curtis J.	*The World Is Open: How Web Technology Is Revolutionizing Education*	Jossey-Bass	2009	Web-based technology has opened up education around the world to the point where anyone can learn anything from anyone else at any time. To help educators and others understand what's possible, Curt Bonk employs his groundbreaking "WE-ALL-LEARN" model to outline ten key technology and learning trends, demonstrating how technology has transformed educational opportunities for learners of every age in every corner of the globe. The book is filled with inspiring stories of ordinary learners as well as interviews with technology and education leaders that reveal the power of this new way of learning. -From amazon.com
Bellanca, James and Ron Brandt	*21st Century Skills: Rethinking How Students Learn*	Solution Tree	2010	21st Century Skills: Rethinking How Students Learn is the fifth book in the Leading EdgeTM series. The Leading Edge series unites education authorities from around the globe and asks them to confront the important issues that affect teachers and administrators the issues that profoundly impact student success. The experts contributing to this anthology do not prescribe one method to transact change. They embrace the mission, trusting that teachers and administrators the true change leaders will venture to the Leading Edge to embrace the challenges and opportunities that will guarantee the success of their students. 21st Century Skills examines a daunting challenge today s educators face: how to equip students with the skills to succeed in the twenty-first century. Many critics oppose the idea of teaching 21st century skills on the grounds that emphasizing skills such as critical thinking and problem solving will erode the teaching of important content. The contributors to this volume contend that both knowledge and skills are needed, and they are interdependent. The authors of this book know from experience that effective teaching involves having students use skills to acquire knowledge. 21st Century Skills introduces the 21st century skills movement, the Partnership for 21st Century Skills, and the Framework for 21st Century Learning. The chapters seek to flesh out the vision established by the Partnership by identifying key issues that contribute to the dialogue. The contributors explore three overarching questions: 1. Why are the skills listed in the Framework for 21st Century Learning needed for learning in the future? 2. Which skills are most important? 3. What can be done to help schools include these skills in their repertoire so that twenty-first century learning results? -From amazon.com
Christenson, Clayton, Curtis W. Johnson and Michael B. Horn	*Disrupting Class, Expanded Edition: How Disruptive Innovation Will Change the Way the World Learns*	McGraw-Hill	2010	According to recent studies in neuroscience, the way we learn doesn't always match up with the way we are taught. If we hope to stay competitive-academically, economically, and technologically-we need to rethink our understanding of intelligence, reevaluate our educational system, and reinvigorate our commitment to learning. In other words, we need "disruptive innovation." Now, in his long-awaited new book, Clayton M. Christensen and coauthors Michael B. Horn and Curtis W. Johnson take one of the most important issues of our time-education-and apply Christensen's now-famous theories of "disruptive" change using a wide range of real-life examples. Whether you're a school administrator, government official, business leader, parent, teacher, or entrepreneur, you'll discover surprising new ideas, outside-the-box strategies, and straight-A success stories. -From amazon.com