

Integrating Computer Technology into the Classroom

(Book review)

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Textbook details:

Integrating Computer Technology into the Classroom

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1999, Prentice-Hall, Inc., Upper Saddle River, NJ 07458 (ISBN 0-13-270000-X)

Integrating Computer Technology into the Classroom (ICTC) is an excellent, state-of-the-art work that will be useful in higher education technology courses as well as a ready reference for professional education educators who are integrating technology into their education classrooms; teachers in colleges of liberal arts, sciences, and professional schools; and classroom teachers in prek-12 schools. Teachers and educators at all levels will find this textbook of value.

The authors began the work by posing the question, "Why has the computer not revolutionized education as some scholars predicted?" (p. vii) Their response was that computers, like the learning machines before them, were used for games, drill and practice, and tutorials, which was the problem.

Their solution to the problem? Produce a textbook that will enable teachers to guide students in preparing for the workforce where computers are used as tools.

For persons interested in aspects of multicultural education and handicapping condition (diversity issues) in planning curriculum, the book gives specific attention to those matters and contains resources for obtaining additional information. Additionally, the reference sections at the end of each of the fifteen chapters are extensive and current with additional sources related to the chapters' contents.

Chapter 1, "Rethinking Computers and Instruction," contains an interesting treatment of the history of concepts of technology in schools and in business. The writers trace the development of educational practices from the factory models at the turn of the century to the present featuring open-ended learning environments containing inquiry learning, guided design, and problem-based learning. Throughout ICTC the authors stress learning

context, collaborative learning, the social nature of learning, and cooperative groupwork. The writers contend, however, that "We have yet to see computers have any major impact" (p. 14), but counter by stating, "Perhaps the revolution is ready to start. . ." (p. 14).

Chapter 2, "iNtegrating Technology for inQuiry: The NTeQ Model," presents a philosophy of NTeQ that contains aspects of the model related to the open-ended environment as it pertains to the roles of teachers, students, computers, lessons, and the physical and psychological atmospheres within the classroom. The authors present the use of charts, Know/Want/Learned (KWL), that posit the questions, "What do we know? What do we want to know? and What have we learned?" in columns that guide the students through learning processes or activities. Throughout the chapter, the authors provide the readers with a means for integrating technology into their curriculum in a meaningful manner by applying the NTeQ model.

Chapter 3, "Teacher as a Designer," contains information that will guide readers in creating integrated computer lessons using the NTeQ model. Among the computer skills are familiarity with data base, spreadsheet, word processor, and graphics. In addition to planning lessons, the chapter contains relevant information for assessment.

Other chapters contain detailed instruction in the teacher as a facilitator, classroom management, addressing the needs of diverse learners, word processing, spreadsheets as learning tools, databases, drawing (graphics), publishing tools, the internet, searching for information, instructional materials, and finally, computers as tools for teachers.

This very important textbook contains information for k-12 classrooms is reader-friendly with many necessary charts, grafts, and tables that supplement the text.

[Technology @ Your Fingertips](#)

An online guide to implementing technology solutions for educational agencies and institutions. It describes a process for getting the best possible technology solution for the organization.

Even with one computer in the room, there are ways to integrate that one machine into your classroom and still make sure that you and your students are indeed doing things that you couldn't do before, not just doing the same things you did before in a quicker, more efficient way. Credit: Kristi Rennebohm Franz. Since it's clear that tech integration is here to stay, it is not a question of whether teachers integrate technology into their classrooms, but rather how to do it best. By taking small steps, teachers can begin to reap the benefits that technology can bring to their teaching and to student learning. How Teachers are Integrating Technology into the Classroom. By Ashley Eneriz | October 28, 2019. Industry Advice Education. Share on Facebook Share on Twitter Share on LinkedIn. Today's teachers are equipped with more technological tools than ever before. Instead, technology-driven education can benefit both the educator and the student by allowing them to make the classroom experience unforgettable. Find out how you can learn more tech-centered ideas for the classroom through Northeastern's Doctor of Education program. Students can complete their studies in their own time, virtually. You will be learning real-world applications that you can start integrating into your classroom immediately.

>"How will you integrate technology into the classroom?" This eBook will help you impress the interview panel and we all know how much technology plays in the school district, so don't fall short on your response. Here's why I am so confident that 50 Ways to Integrate Technology into the Classroom is the best technology guide, that if you're not satisfied for any reason I will refund your money within 30 days of purchase. If you have any questions or concerns please contact Candace by email at candoco@telus.net or call toll-free 1-877-738-8052. When the topic "Integrating technology in the classroom" comes up, the image that comes to mind is the use of computers in the classroom. However, this is not the case. 24 EdTech Tools And 5 Benefits Of Integrating Technology In The Classroom. Has a huge collection of computer programming eBooks each downloadable. 22. Free-eBooks. An online source that allows users to download free eBooks. The integration of technology into education not only offers many advantages to eLearning, but also adds a twist to the eLearning definition. Below are the advantages of integrating technology in the classroom: Students can study at their convenient time and from anywhere.