



Handbook of Technological Pedagogical Content Knowledge (TPACK) for Educators

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The 2nd edition of the *Handbook of Technological Pedagogical Content Knowledge (TPACK) for Educators* addresses the concept and implementation of technological pedagogical content knowledge—the knowledge and skills that teachers need in order to integrate technology meaningfully into instruction in specific content areas. Driven by the growing influence of TPACK on research and practice in both K-12 and higher education, the 2nd edition updates current thinking about theory, research, and practice.

Offering a series of chapters by scholars in different content areas who apply the technological pedagogical content knowledge framework to their individual content areas, the volume is structured around three themes:

- Current thoughts on TPACK Theory
- Research on Technological Pedagogical Content Knowledge in Specific Subject Areas
- Integrating Technological Pedagogical Content Knowledge into Teacher Education and Professional Development

The *Handbook of Technological Pedagogical Content Knowledge (TPACK) for Educators* is simultaneously a mandate and a manifesto on the engagement of technology in classrooms.

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Editorial Review

Review

"In 2008, the AACTE *Handbook of Technological Pedagogical Content Knowledge* established a new context for thinking about infusion of technology in teaching. The influence of this book has been reflected in the hundreds of articles, books, dissertations, conference presentations, and symposia stimulated by its publication. The second edition of the *Handbook of Technological Pedagogical Content Knowledge (TPACK) for Educators* is a worthy successor to the first. Updated to reflect current research and understanding of best practices in this area, it is destined to become a key reference for anyone who is interested in technology in teaching and learning."

--Glen L. Bull, Professor and Co-Director, Center for Technology & Teacher Education, Curry School of Education, University of Virginia, USA

"A must read for TPACK researchers and practitioners, the second edition of the *Handbook of Technological Pedagogical Content Knowledge (TPACK) for Educators* provides a valuable and useable update on developments in the very active TPACK community in the 8 years since the first edition. From new methods and instruments designed to study TPACK to specific descriptions of successful approaches to developing and using TPACK in different subject areas, this second edition connects readers to the latest developments in this very important area."

--Ann Thompson, Professor, Department of Curriculum and Instruction, College of Education, Iowa State University, USA

About the Author

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