1. Record Nr. UNINA9910787310203321 Autore Hull Ted H. **Titolo** Visible thinking in the K-8 mathematics classroom / / Ted H. Hull, Don S. Balka, Ruth Harbin Miles Thousand Oaks, Calif.:,: Corwin,, 2011 Pubbl/distr/stampa **ISBN** 1-4522-6940-8 Descrizione fisica 1 online resource (xiii, 164 pages): illustrations Collana Gale eBooks 372.7 Disciplina Soggetti Mathematics - Study and teaching (Elementary) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based on print version record. "A joint publication with the National Council of Teachers of Mathematics." Nota di bibliografia Includes bibliographical references and index. Nota di contenuto ""Cover""; ""Contents""; ""Preface""; ""Acknowledgments""; ""About the Authors"; ""Part I - Preparing the Foundation"; ""Chapter 1 - What Is Visible Thinking?""; ""Chapter 2 - How Do Students Learn Mathematics?""; ""Chapter 3 - What Is Happening to Thinking in Mathematics Classrooms?""; ""Part II - Promoting Visible Thinking With an Alternative Instructional Model""; ""Chapter 4 - How Do Effective Classrooms Depend on Visible Thinking?""; ""Chapter 5 - How Are Long-Term Changes Made?""; ""Chapter 6 - How Are Short-Term Changes Made?"" ""Chapter 7 - How Are Lessons Designed to Achieve Short-Term and Long-Term Changes?"""Part III - Implementing the Alternative Model at Different Grade Levels""; ""Chapter 8 - How Is Thinking Made Visible in Grades Ka€?2 Mathematics?""; ""Chapter 9 - How Is Thinking Made Visible in Grades 3a€?5 Mathematics?""; ""Chapter 10 - How Is Thinking Made Visible in Grades 6a€?8 Mathematics?""; ""Part IV - Continuing the Work""; ""Chapter 11 - How Do Teachers, Leaders, and Administrators Coordinate Their Efforts to Improve Mathematics Teaching and Learning?"" ""Appendix A: Research Support for Visible Thinking Strategies, Conditions, and Actions"""Appendix B: Lessons Using Technology: Additional Materials""; ""References""; ""Index""

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Sommario/riassunto

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