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ISBN	1-943874-01-8
Descrizione fisica	1 online resource (xiv, 152 pages) : illustrations
Collana	Gale eBooks
Disciplina	510.71
Soggetti	Mathematics - Study and teaching (Elementary)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: The Good Mathematics Teacher -- Overview of the Book -- ; ch. 1 Creating the Mathematical Environment -- Classrooms That Foster Mathematical Learning -- A Growth Mindset -- Productive Struggle -- Beliefs and Strategies of Successful Mathematics Classrooms -- Conclusion -- Questions for Reflection -- Call to Action: Create a Graphic Organizer -- ; ch. 2 Engaging Mathematical Minds -- Fostering Student Engagement -- Choosing Tasks -- Managing Engagement -- Conclusion -- Questions for Reflection -- Call to Action: Begin a Task Bank -- ; ch. 3 Reaching Different Mathematical Minds -- The Meaning of Differentiation -- The Framework of Differentiation -- The Differentiated Classroom -- Conclusion -- Questions for Reflection -- Call to Action: Differentiate a Lesson -- ; ch. 4 Challenging Student Mathematicians -- Mathematical Understanding -- Standards for Mathematical Practice -- Conclusion -- Questions for Reflection -- Call to Action: Challenge Your Students -- ; ch. 5 Monitoring Mathematical Assessment -- A Broad Look at Assessment -- Preassessment -- Formative Assessment -- Summative Assessment -- Student Self-Assessment -- Conclusion -- Questions for Reflection -- Call to Action: Create an Assessment Matrix -- ; ch. 6 Balancing It All -- Students and Families -- Mathematical Minds Mobile -- Work and Home -- Sound Advice From Teachers -- Conclusion -- Questions for Reflection -- Call to Action: Build a Mathematical Minds Mobile.

## Sommario/riassunto

This text breaks down the complex components of mathematics teaching and divides them into practical strategies. Combining research, useful tactics, and examples from K-6 classrooms, the book includes reflection questions, action tasks, and activities to inspire and engage mathematical minds.

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