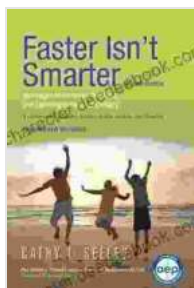


Messages About Math Teaching and Learning in the 21st Century, 2nd Edition

The 21st century has brought about a number of changes that have impacted the way we teach and learn mathematics. These changes include the increased use of technology, the globalization of the economy, and the changing demographics of our student population. In order to meet the challenges of the 21st century, we need to rethink the way we teach and learn mathematics.



Faster Isn't Smarter: Messages About Math, Teaching, and Learning in the 21st Century, 2nd Edition

by Cathy L. Seeley

★★★★☆ 4.7 out of 5

Language : English
File size : 3211 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 394 pages



This book is a comprehensive and timely resource for teachers, researchers, and curriculum developers who are interested in improving the teaching and learning of mathematics in the 21st century. The book is divided into four parts: (1) Foundations, (2) Teaching, (3) Learning, and (4) Assessment. Each part contains several chapters that address key issues and trends in the field of mathematics education.

The book concludes with a chapter that provides a synthesis of the messages that are conveyed throughout the book and offers recommendations for future research and practice.

Part 1: Foundations

The first part of the book provides a foundation for understanding the challenges and opportunities that face mathematics education in the 21st century. The chapters in this part discuss the history of mathematics education, the nature of mathematics, and the role of culture in mathematics education.

Part 2: Teaching

The second part of the book focuses on the teaching of mathematics in the 21st century. The chapters in this part discuss the principles of effective mathematics teaching, the use of technology in mathematics instruction, and the importance of equity and diversity in mathematics education.

Part 3: Learning

The third part of the book explores the learning of mathematics in the 21st century. The chapters in this part discuss the cognitive processes involved in learning mathematics, the role of motivation in mathematics learning, and the importance of assessment in mathematics education.

Part 4: Assessment

The fourth part of the book addresses the assessment of mathematics learning in the 21st century. The chapters in this part discuss the principles of effective mathematics assessment, the use of technology in

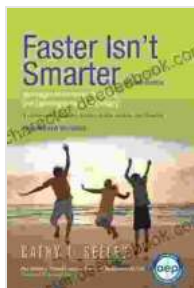
mathematics assessment, and the importance of equity and diversity in mathematics assessment.

The 21st century is a time of great change and opportunity for mathematics education. This book provides a comprehensive and timely resource for teachers, researchers, and curriculum developers who are interested in improving the teaching and learning of mathematics in the 21st century.

The book concludes with a chapter that provides a synthesis of the messages that are conveyed throughout the book and offers recommendations for future research and practice.

References

[1] National Council of Teachers of Mathematics. (2000). Principles and



Faster Isn't Smarter: Messages About Math, Teaching, and Learning in the 21st Century, 2nd Edition

by Cathy L. Seeley

★★★★☆ 4.7 out of 5

Language : English

File size : 3211 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

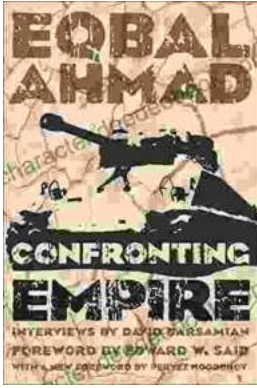
Word Wise : Enabled

Print length : 394 pages

FREE

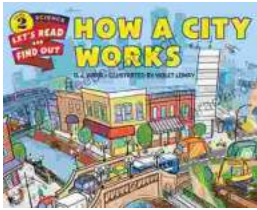
DOWNLOAD E-BOOK





Confronting Empire: Eqbal Ahmad's Vision for Liberation, Decolonization, and Global Justice

Eqbal Ahmad (1933-1999) was a renowned Pakistani intellectual, activist, and scholar whose writings and activism continue to...



How Do Cities Work? Let's Read and Find Out!

Cities are complex and fascinating places. They're home to millions of people and are constantly changing and evolving. But how do cities actually...