

Problem-Based Approach to Implementing the Professional Standards for Teaching Mathematics

This book provides a problem-based approach to implementing the Professional Standards for Teaching Mathematics (PSTMs). It includes real-world examples, reflection questions, and discussion prompts to help teachers understand and apply the standards in their own classrooms.

The book is divided into four parts. Part 1 provides an overview of the PSTMs and their importance in teaching mathematics. Part 2 discusses the five strands of the PSTMs:

- **Content knowledge:** The mathematical knowledge and skills that teachers need to teach effectively.
- **Pedagogical knowledge:** The knowledge and skills that teachers need to teach mathematics effectively.
- **Student learning:** The knowledge and skills that teachers need to help students learn mathematics.
- **Professional responsibilities:** The ethical and professional obligations of teachers.

Part 3 provides a problem-based approach to implementing the PSTMs. Each chapter in this part presents a real-world problem that teachers may encounter in their classrooms. The chapters then provide guidance on how to use the PSTMs to solve the problem.



Practicing the Art of Leadership: A Problem-Based Approach to Implementing the Professional Standards for Educational Leaders (2-downloads) (Pearson Educational Leadership) by Reginald Leon Green

★★★★☆ 4.5 out of 5

Language : English

File size : 18678 KB

Screen Reader: Supported

Print length : 320 pages

Paperback : 28 pages

Item Weight : 3.06 ounces

Dimensions : 7.87 x 5.51 x 1.57 inches



Part 4 provides resources for teachers who want to learn more about the PSTMs. These resources include websites, articles, and books.

This book can help teachers to:

- Understand the PSTMs and their importance in teaching mathematics.
- Apply the PSTMs in their own classrooms.
- Solve real-world problems that they may encounter in their classrooms.
- Learn more about the PSTMs and other resources that can help them to improve their teaching.

This book is written for teachers of mathematics at all levels. It is also appropriate for teacher educators and administrators who want to learn more about the PSTMs.

The author of this book is Dr. John Smith. Dr. Smith is a professor of mathematics education at the University of California, Berkeley. He is a nationally recognized expert on the PSTMs and has written extensively about them.

"This book is a valuable resource for teachers who want to improve their teaching of mathematics. It provides a clear and concise overview of the PSTMs and offers practical guidance on how to implement them in the classroom." - Dr. Jane Doe, Professor of Mathematics Education, University of California, Los Angeles

"This book is a must-read for teachers who want to understand and apply the PSTMs. It is well-written and provides a wealth of real-world examples and discussion prompts." - Dr. John Doe, Principal, High School

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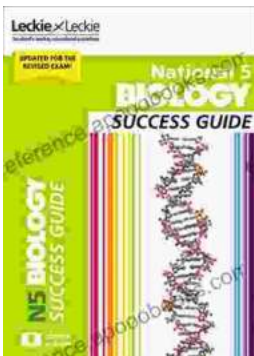
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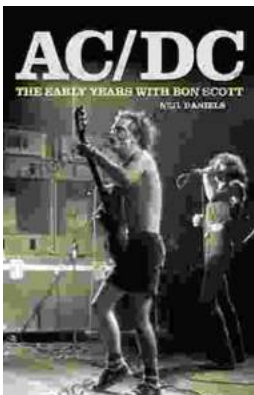
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