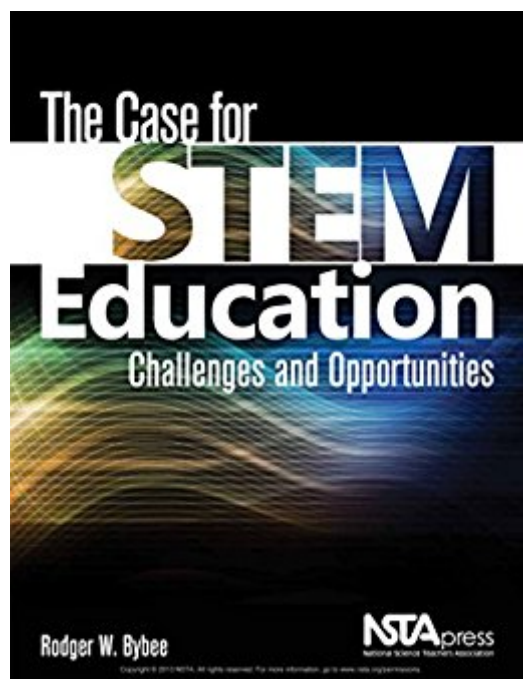


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The Case For STEM Education: Challenges And Opportunities



Synopsis

If you're an education leader concerned with science, technology, engineering, and mathematics (STEM) initiatives, this book will help you both understand and implement STEM action plans. The book starts by putting STEM in context, as the early chapters outline the challenges facing STEM education, draw lessons from the Sputnik moment of the 1950s and 1960s, and contrast contemporary STEM with other education reforms. The author then explores appropriate roles for the federal government as well as states, districts, and individual schools. Finally, the book offers several ideas you can use to develop actual action plans for STEM. Throughout the book, author Rodger W. Bybee puts an emphasis on both thinking and acting. That's why *The Case for STEM Education* is a must-read for leaders at all levels: national and state policy makers, state-level educators responsible for STEM initiatives, college and university faculty who educate future STEM teachers, local administrators who make decisions about district and school programs, and teachers who represent STEM disciplines.

Book Information

File Size: 4984 KB

Print Length: 189 pages

Simultaneous Device Usage: Unlimited

Publisher: NSTA Press (April 15, 2013)

Publication Date: April 15, 2013

Sold by:Â Digital Services LLC

Language: English

ASIN: B00L81U2V2

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #969,204 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #229

inÂ Books > Education & Teaching > Schools & Teaching > Curriculum & Lesson Plans > STEM Education #1992 inÂ Books > Education & Teaching > Schools & Teaching > Instruction Methods > Science & Technology #3473 inÂ Kindle Store > Kindle eBooks > Education & Teaching > Teacher Resources > Pedagogy

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