

# Cases on Research-Based Teaching Methods in Science Education (Advances in Educational Technologies and Instructional Design)



While the great scientists of the past recognized a need for a multidisciplinary approach, today's schools often treat math and science as subjects separate from the rest. This not only creates a disinterest among students, but also a potential learning gap once students reach college and then graduate into the workforce. *Cases on Research-Based Teaching Methods in Science Education* addresses the problems currently facing science education in the USA and the UK, and suggests a new hands-on approach to learning. This book is an essential reference source for policymakers, academicians, researchers, educators, curricula developers, and teachers as they strive to improve education at the elementary, secondary, and collegiate levels.

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and Development, 42(2), 3139. Kang, H. 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