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Can American Manufacturing Be Saved? Career Technical Education *STEM Education: An Overview of Contemporary Research, Trends, and Perspectives* Improving K-12 STEM Education Outcomes through Technological Integration **One Nation Under Taught The SAGE Handbook of Curriculum, Pedagogy and Assessment Engineering in K-12 Education** Enhancing Professional Knowledge of Pre-Service Science Teacher Education by Self-Study Research **A Future of Good Jobs? Cases on STEAM Education in Practice Building Capacity for Teaching Engineering in K-12 Education** What Works in Teaching and Learning **ICTs and the Millennium Development Goals The Role of Public Policy in K-12 Science Education** Handbook of Research on STEM Education **Principles of Engineering** Engineering in Pre-College Settings Leadership in Integrative STEM Education **Deconstructing the Education-Industrial Complex in the Digital Age Civil Engineering and Architecture** Engineering and Technology Education **Curriculum Development for Gifted Education Programs** *Miseducating for the Global Economy* Journal of Technology Education The Role of the National Science Foundation in K-12 Science and Math Education STEM Integration in K-12 Education *Improving Student Learning When Budgets Are Tight* **International Handbook of Technology Education Project Lead the Way: Civil Engineering and Architecture** Engineering Technology Education in the United States *Career Technical Education* Fostering Innovation in Math and Science Education Workbook **Closing the Education Achievement Gaps for African American Males Science & Engineering Indicators Science and Engineering Indicators (2 Vol.)** Work and Education in America **Pre-university Engineering Education Adaptability of the US Engineering and Technical Workforce** *On Board*

Curriculum Development for Gifted Education Programs Jan 08 2021 Diverse learners with exceptional needs require a specialized curriculum that will help them to develop, socially and intellectually, in a way that traditional pedagogical practice is unable to fulfill. As educational technologies and theoretical approaches to learning continue to advance, so do the opportunities for exceptional children. Curriculum Development for Gifted Education Programs is a critical scholarly resource that examines the development of coursework for gifted and talented students. Featuring coverage on a broad range of topics, such as constructivism, diversity responsive method, and teacher training, this book is geared towards academicians, researchers, gifted education teachers, supervisors, directors, and administrators.

Improving K-12 STEM Education Outcomes through Technological Integration Jul 26 2022 The application of technology in classroom settings has equipped educators with innovative tools and techniques for effective teaching practice. Integrating digital technologies at the elementary and secondary levels helps to enrich the students' learning experience and maximize competency in the areas of science, technology, engineering, and mathematics. Improving K-12 STEM Education Outcomes through Technological Integration focuses on current research surrounding the effectiveness, performance, and benefits of incorporating various technological tools within science, technology, engineering, and mathematics classrooms. Focusing on evidence-based approaches and current educational innovations, this book is an essential reference source for teachers, teacher educators, and professionals interested in how emerging technologies are benefiting teaching and/or learning efficacy.

Science and Engineering Indicators (2 Vol.) Oct 25 2019 Provides a broad base of quantitative info. about U.S. science, engin., and technology. Because of the spread of scientific and tech. capabilities around the world, this report presents a significant amount of material about these internat. capabilities and analyzes the U.S. position in this broader context. Contains quantitative analyses of key aspects of the scope, quality, and vitality of the Nation¿s science and engineering (S&E) enterprise. It presents info. on science, math, and engineering. educ. at all levels; the S&E workforce; U.S. internat. R&D perform. and competitiveness in high tech.; and public attitudes and understanding of S&E. Also info. on state-level S&E indicators. Presents the key themes emerging from these analyses. Illus.

Deconstructing the Education-Industrial Complex in the Digital Age Apr 11 2021 Developments in the education field are affected by numerous, and often conflicting, social, cultural, and economic factors. With the increasing corporatization of education, teaching and learning paradigms are continuously altered. Deconstructing the Education-Industrial Complex in the Digital Age is an authoritative reference source for the latest scholarly research on the shifting structure of school models in response to technological advances and corporate presence in educational contexts. Highlighting a comprehensive range of pertinent topics, such as teacher education, digital literacy, and neoliberalism, this book is ideally designed for educators, professionals, graduate students, researchers, and academics interested in the implications of the education-industrial complex.

Workbook Jan 28 2020 Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Improving Student Learning When Budgets Are Tight Aug 03 2020 A how-to manual for achieving excellence despite budget cuts This book offers a comprehensive framework to enhance student achievement in good times and in bad. The author provides a school improvement action plan and then shows how to target resources to implement that plan. More than just a "theory" book, this text describes concrete, specific actions that can be taken immediately. Key strategies include: Using data to support boosting student performance Focusing on effective instruction Setting goals to drive resource allocation priorities Setting priorities for situations that require budget cuts Hiring top teachers and providing ongoing professional development Providing needed technology resources

ICTs and the Millennium Development Goals Oct 17 2021 This book attempts to create awareness about the UN-MDGs and how various ICT can be harnessed to appeal to different demographics. Current empirical evidence suggests that MDG awareness is relatively low particularly in developed countries, and that the levels of MDG awareness vary considerable across socioeconomic variables or demographics from United Nations perspective. It also examines how ICT can be used to bring about technical and social innovations strengthen livelihoods, support economic development, water and climate resilience and improve the education and health sectors and enhance development opportunities. Several studies are highlighted that reinforce the view that government support and private sector expertise and funding are important factors in ICT-based e-government solutions in developing countries. The book also builds on the thesis that a strong connection between competencies in mathematics, science, and information communication/technology is required to build logical concepts and critical thinking skills. It also examines the opportunities and barriers of promoting students' learning skills, including communication, cooperation, collaboration and connection using the Wiki tool under the blackboard platform. Finally, the book also highlights the challenges involved in application of ICT in education. This is significant for educators in order to surmount these obstacles and consequently successfully incorporate ICT into the educational system. The chapters present the relevant literature on ICTs and the perceived barriers to ICT integration in basic education. They also focus on the implications of incorporating ICT in the basic educational system. The challenges confronting the integration of ICT in education are equally identified with a view to ensuring a more efficient application of ICT in attaining education for all.

The Role of the National Science Foundation in K-12 Science and Math Education Oct 05 2020

Engineering in K-12 Education Apr 23 2022 Engineering education in K-12 classrooms is a small but growing phenomenon that may have implications for engineering and also for the other STEM subjects--science, technology, and mathematics. Specifically, engineering education may improve student learning and achievement in science and mathematics, increase awareness of engineering and the work of engineers, boost youth interest in pursuing engineering as a career, and increase the technological literacy of all students. The teaching of STEM subjects in U.S. schools must be improved in order to retain U.S. competitiveness in the global economy and to develop a workforce with the knowledge and skills to address technical and technological issues. Engineering in K-12 Education reviews the scope and impact of engineering education today and makes several recommendations to address curriculum, policy, and funding issues. The book also analyzes a number of K-12 engineering curricula in depth and discusses what is known from the cognitive sciences about how children learn engineering-related concepts and skills. Engineering in K-12 Education will serve as a reference for science, technology, engineering, and math educators, policy makers, employers, and others concerned about the development of the country's technical workforce. The book will also prove useful to educational researchers, cognitive scientists, advocates for greater public understanding of engineering, and those working to boost technological and scientific literacy.

Handbook of Research on STEM Education Aug 15 2021 The Handbook of Research on STEM Education represents a groundbreaking and comprehensive synthesis of research and presentation of policy within the realm of science, technology, engineering, and mathematics (STEM) education. What distinguishes this Handbook from others is the nature of integration of the disciplines that is the founding premise for the work – all chapters in this book speak directly to the integration of STEM, rather than discussion of research within the individual content areas. The Handbook of Research on STEM Education explores the most pressing areas of STEM within an international context. Divided into six sections, the authors cover topics including: the nature of STEM, STEM learning, STEM pedagogy, curriculum and assessment, critical issues in STEM, STEM teacher education, and STEM policy and reform. The Handbook utilizes the lens of equity and access by focusing on STEM literacy, early childhood STEM, learners with disabilities, informal STEM, socio-scientific issues, race-related factors, gender equity, cultural-relevancy, and parental involvement. Additionally, discussion of STEM education policy in a variety of countries is included, as well as a focus on engaging business/industry and teachers in advocacy for STEM education. The Handbook's 37 chapters provide a deep and meaningful landscape of the implementation of STEM over the past two decades. As such, the findings that are presented within provide the reader with clear directions for future research into effective practice and supports for integrated STEM, which are grounded in the literature to date.

Engineering and Technology Education Feb 09 2021

The Role of Public Policy in K-12 Science Education Sep 16 2021 The goal of this volume of Research in Science Education is to examine the relationship between science education policy and practice and the special role that science education researchers play in influencing policy. It has been suggested that the science education research community is isolated from the political process, pays little attention to policy matters, and has little influence on policy. But to influence policy, it is important to understand how policy is made and how it is implemented. This volume sheds light on the intersection between policy and practice through both theoretical discussions and practical examples. This book was written primarily about science education policy development in the context of the highly decentralized educational system of the United States. But, because policy development is fundamentally a social activity involving knowledge, values, and personal and community interests, there are similarities in how education policy gets enacted and implemented around the world. This volume is meant to be useful to science education researchers and to practitioners such as teachers and administrators because it provides information about which aspects of the science education enterprise are affected by state, local, and national policies. It also provides helpful information for researchers and practitioners who wonder how they might influence policy. In particular, it points out how the values of people who are affected by policy initiatives are critical to the implementation of those policies.

Engineering Technology Education in the United States Apr 30 2020 The vitality of the innovation economy in the United States depends on the availability of a highly educated technical workforce. A key component of this workforce consists of engineers, engineering technicians, and engineering technologists. However, unlike the much better-known field of engineering, engineering technology (ET) is unfamiliar to most Americans and goes unmentioned in most policy discussions about the US technical workforce. Engineering Technology Education in the United States seeks to shed light on the status, role, and needs of ET education in the United States.

Civil Engineering and Architecture Mar 10 2021 Based on the innovative Project Lead the Way (PLTW) curriculum, this dynamic new text provides a richly illustrated history of architectural styles and the engineering achievements that produced them, as well as detailed coverage of the principles and concepts that current professionals use to shape today's built environment.

One Nation Under Taught Jun 25 2022 America has been steadily sliding in global education rankings for decades. In particular, our students are increasingly unable to compete globally in STEM (science, technology, engineering, and math) fields. According to the National Assessment of Education Progress (NAEP), in 2010 only 26 percent of high school seniors in the U.S. scored at or above proficient level in math. Another 36 percent were failing. Only 3 percent scored at an advanced level in math, and only 1 percent scored at an advanced level in science. Students in K-12 across the U.S. struggle with STEM subjects, often because the subjects are poorly presented or badly taught. When students reach college, they choose to pursue non-STEM degrees, and too many struggle to find jobs upon graduation. Meanwhile, U.S. employers are having an increasingly hard time filling STEM jobs. Economic projections for the next decade show we will need approximately 1 million more professionals in STEM fields than our education system will produce. If we want to maintain our historical pre-eminence in science and technology, we must increase the number of students graduating with STEM degrees by 34 percent each year. One Nation Under Taught offers a clear solution, providing a blueprint for helping students fall in love with STEM subjects, and giving them the tools they need to succeed and go on for further study in these fields. The book challenges our whole way of thinking about education, and encourages educators and policy-makers at all levels to work together to make our schools places that promote curiosity and inspire a love of learning. If we do not change course, we will set our students and our country on the path to a lifetime of poverty. But if we can implement the reforms Dr. Bertram suggests, we can achieve long-lasting prosperity for our children and our nation as a whole.

STEM Integration in K-12 Education Sep 04 2020 STEM Integration in K-12 Education examines current efforts to connect the STEM disciplines in K-12 education. This report identifies and characterizes existing approaches to integrated STEM education, both in formal and after- and out-of-school settings. The report reviews the evidence for the impact of integrated approaches on various student outcomes, and it proposes a set of priority research questions to advance the understanding of integrated STEM education. STEM Integration in K-12 Education proposes a framework to provide a common perspective and vocabulary for researchers, practitioners, and others to identify, discuss, and investigate specific integrated STEM initiatives within the K-12 education system of the United States. STEM Integration in K-12 Education makes recommendations for designers of integrated STEM experiences, assessment developers, and researchers to design and document effective integrated STEM education. This report will help to further their work and improve the chances that some forms of integrated STEM education will make a positive difference in student learning and interest and other valued outcomes.

Principles of Engineering Jul 14 2021 PRINCIPLES OF ENGINEERING will help your students better understand the engineering concepts, mathematics, and scientific principles that form the foundation of the Project Lead the Way (PLTW) Principles Of Engineering course. Important concepts and processes are explained throughout using full-color photographs and illustrations. Appropriate for high school students, the mathematics covered includes algebra and trigonometry. The strong pedagogical features to aid comprehension include: Case Studies, boxed articles such as Fun Facts and Points of Interest, Your Turn activities, suggestions for Off-Road Exploration, connections to STEM concepts, Career Profiles, Design Briefs, and example pages from Engineers' Notebooks. Each chapter concludes with questions designed to test your students' knowledge of information presented in the chapter, along with a hands-on challenge or exercise that compliments the content and lends itself to exploration in the classroom. Key vocabulary terms that align with those contained in the PLTW POE course are highlighted throughout the book and emphasized in margin definitions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Project Lead the Way: Civil Engineering and Architecture Jun 01 2020 Based on the innovative Project Lead the Way (PLTW) curriculum, this dynamic new text is designed to prepare students for college and career success in science, technology, engineering, and math (STEM). Whether students are interested in becoming engineering or architecture professionals, or simply want to understand the structural systems and building styles in their communities, this text will help them develop the technological literacy to appreciate, describe, and make informed decisions about our built environment. As an integrated part of your PLTW program or a standalone classroom resource, CIVIL ENGINEERING AND ARCHITECTURE is an ideal choice to support your students' STEM success. This book provides a richly illustrated history of architectural styles and the engineering achievements that produced them, as well as detailed coverage of the principles and concepts that current professionals use to shape today's built environment. From site discovery through landscaping, the text provides a wealth of step-by-step examples and exercises, plentiful case studies and career profiles, and engaging articles and activities to help students build their knowledge while developing essential problem-solving skills. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

What Works in Teaching and Learning Nov 18 2021

Closing the Education Achievement Gaps for African American Males Dec 27 2019 Closing the Education Achievement Gaps for African American Males is a research-based tool to improve the schooling experience of African American males. Editors Theodore S. Ransaw and Richard Majors draw together a collection of writings that provide much-needed engagement with issues of gender and identity for black males, as well as those of culture, media, and technology, in the context of education. The distinguished and expert contributors whose work comprises this volume include an achievement-gap specialist for males of color, two psychologists, a math teacher, an electrical engineer, a former school principal, a social worker, and a former human rights commissioner. From black male learning styles to STEM, this book shows that issues pertaining to educational outcomes for black males are nuanced and complex but not unsolvable. With its combination of fresh new approaches to closing achievement gaps and up-to-date views on trends, this volume is an invaluable resource on vital contemporary social and educational issues that aims to improve learning, equity, and access for African American males.

Work and Education in America Sep 23 2019 This, the first comprehensive academic volume on vocational education and training (VET) or career and technical education in the United States, features insights into a variety of issues in this field of research. The international reader will find an up-to-date synthesis as well as a critical analysis of the relevant history, philosophy, governance, legislation and organizational structures. The coverage is structured according to the benchmarks applied to, as well as the theoretical discussions around, VET. The topics covered all have a strong contemporary relevance and include education versus qualification, the American community college, the issue of localization versus globalization in governance, vocationalism in higher education, career guidance and career counselling, and apprenticeships in the U.S. This book supports the assertion of the relevance of career and technical education —both for the individual and the labour market. Scholars, policy makers and practitioners interested in issues of vocational education and training, technical education, and career education will find this collection of critical and reflective discussions very useful in any analysis of the features of VET approaches taken in America.

Cases on STEAM Education in Practice Jan 20 2022 Curriculums for STEM education programs have been successfully implemented into numerous school systems for many years. Recently, the integration of arts education into such programs has proven to be significantly beneficial to students, resulting in a new method of teaching including science, technology, engineering, art, and mathematics. Cases on STEAM Education in Practice is an essential research publication for the latest scholarly information on curriculum development, instructional design, and educational benefits of STEAM learning initiatives. Featuring coverage on a range of topics including fine arts, differentiated instruction, and student engagement, this book

is ideally designed for academicians, researchers, and professionals seeking current research on the implementation of STEAM education.
STEM Education: An Overview of Contemporary Research, Trends, and Perspectives Aug 27 2022
Can American Manufacturing Be Saved? Oct 29 2022 This book details how manufacturing developed in America through the industrial revolution and labor movement, analyzes the impact of outsourcing offshore and our nation's trade policies, looks at what various organizations are doing to try to help save American manufacturing, and what we can do as individuals from the perspective of business owners, employees, consumers, and voters to save American manufacturing. Author Michele NashHoff argues that we will not be able to save American manufacturing unless we develop a national manufacturing strategy and change our trade policies. She supports a "Buy American" policy, recommends preventing the sale of strategic U.S.owned companies to foreign companies, and enacting legislation to prevent corporations from avoiding income taxes by incorporating in a foreign country. The 2012 edition also describes the "Reshoring Initiative" and considers the reasons why companies are returning manufacturing back to America from Asia.
On Board Jun 20 2019
Journal of Technology Education Nov 06 2020
The SAGE Handbook of Curriculum, Pedagogy and Assessment May 24 2022 The research and debates surrounding curriculum, pedagogy and assessment are ever-growing and are of constant importance around the globe. With two volumes - containing chapters from highly respected researchers, whose work has been critical to understanding and building expertise in the field – The SAGE Handbook of Curriculum, Pedagogy and Assessment focuses on examining how curriculum is treated and developed, and its impact on pedagogy and assessment worldwide. The Handbook is organised into five thematic sections, considering: · The epistemology and methodology of curriculum · Curriculum and pedagogy · Curriculum subjects · Areas of the curriculum · Assessment and the curriculum · The curriculum and educational policy The SAGE Handbook of Curriculum, Pedagogy and Assessment's breadth and rigour will make it essential reading for researchers and postgraduate students around the world.
Fostering Innovation in Math and Science Education Feb 27 2020
A Future of Good Jobs? Feb 21 2022 In this book, which was the outgrowth of a conference sponsored by the Upjohn Institute in Washington,D.C., in June 2007, leading policy analysts frame the major challenges facing U.S. labor policy: Improving the skills of American workers so that they can better compete in a global economy; Addressing the crisis in our system of employer-sponsored health insurance; Minimizing the effects of dislocation due to immigration and trade; Removing barriers to employment for older workers; Improving the quality of jobs for low-wage workers without harming the competitiveness of American companies; Addressing the serious employment barriers of the disadvantaged. Each chapter in this volume tackles one of these policy challenges, identifying the key problems,evaluating the effectiveness of current policy approaches, and offering innovative, forward-thinking, but pragmatic alternative policies. Collectively, the chapters in this volume offer a clear road map for future labor market policy.
Leadership in Integrative STEM Education May 12 2021 Leadership in Integrative STEM Education provides a series of strategies for educational leaders to make informed decisions when building robust and inclusive integrative STEM programs at the organization-level.
Science & Engineering Indicators Nov 25 2019
Pre-university Engineering Education Aug 23 2019 Pre-university engineering education has become the topic of increasing interest in technology education circles. It can provide content for the E in STEM (Science, Technology, Engineering and Mathematics) education, which is in the interest of technology educators at different educational levels as it builds the bridge between them and the science and mathematics educators. In this book goals for pre-university engineering education are explored as well as existing practices from a variety of countries. The coming years will show if pre-university engineering education will catch on. The trend towards STEM integrated education that today can be seen in many countries will certainly create a further need and stimulus for that to happen. Hopefully this book can contribute to such a development of both formal and informal K-12 engineering education. Not only for preparing the next generation of engineers, but also for the technological literacy of future citizens.
Career Technical Education Mar 30 2020
Career Technical Education Sep 28 2022 An estimated 30% of California's entering 9th graders do not finish high school. In L.A. County the dropout rate, estimated at 55%, is higher than the graduation rate. The current focus on career tech. ed. (CTE) is a measure of the intensity of the search for solutions. CTE -- with its real world relevance and project-based learning -- is a way to engage students in education that is different than a purely academic approach. This study of CTE found encouraging evidence that CTE -- in its modern, academically demanding form -- can deliver an alternative approach to learning that can keep students engaged, help improve grade point averages and prepare students for both the work world and higher education. Illustrations.
Adaptability of the US Engineering and Technical Workforce Jul 22 2019 Late last year, the National Academy of Engineering (NAE) convened a workshop on Preparing the Engineering and Technical Workforce for Adaptability and Resilience to Change. The workshop springs from the earlier NAE report Making Value for America which described the ongoing transformation in the way in which products and services are conceived, designed, made, and distributed. The workshop focused on the challenges facing the workforce in light of these dramatic changes in the production process, especially the need to constantly renew and learn new skills. The workshop served to increase stakeholders' understanding of both the importance of workforce adaptability and the definition and characteristics of adaptability. It also provided an opportunity to share known best practices for fostering adaptability, including identification of barriers and multiple pathways for overcoming those barriers. As important, it helped to identify needs for future study and development. This publication summarizes the presentations and discussions from the workshop.
Building Capacity for Teaching Engineering in K-12 Education Dec 19 2021 Engineering education is emerging as an important component of US K-12 education. Across the country, students in classrooms and after- and out-of-school programs are participating in hands-on, problem-focused learning activities using the engineering design process. These experiences can be engaging; support learning in other areas, such as science and mathematics; and provide a window into the important role of engineering in society. As the landscape of K-12 engineering education continues to grow and evolve, educators, administrators, and policy makers should consider the capacity of the US education system to meet current and anticipated needs for K-12 teachers of engineering. Building Capacity for Teaching Engineering in K-12 Education reviews existing curricula and programs as well as related research to understand current and anticipated future needs for engineering-literate K-12 educators in the United States and determine how these needs might be addressed. Key topics in this report include the preparation of K-12 engineering educators, professional pathways for K-12 engineering educators, and the role of higher education in preparing engineering educators. This report proposes steps that stakeholders - including professional development providers, postsecondary preservice education programs, postsecondary engineering and engineering technology programs, formal and informal educator credentialing organizations, and the education and learning sciences research communities - might take to increase the number, skill level, and confidence of K-12 teachers of engineering in the United States.
International Handbook of Technology Education Jul 02 2020 This first volume in the International Technology Education Series offers a unique, worldwide collection of national surveys into the developments of Technology Education in the past two decades.
Enhancing Professional Knowledge of Pre-Service Science Teacher Education by Self-Study Research Mar 22 2022 Self-study research is making an impact on the field of science education. University researchers employ these methods to improve their instruction, develop as instructors, and ultimately, impact their students' learning. This volume provides an introduction to self-study research in science education, followed by manuscripts of self-studies undertaken by university faculty and those becoming university faculty members in science teacher education. Chapter authors range from those new to the field to established researchers, highlighting the value of self-study research in science teacher education for every career rank. The fifteen self-studies provided in this book support and extend this contemporary work in science teacher education. They, and the subsequent reflections on professional knowledge, are organized into four sections: content courses for preservice teachers, elementary methods courses, secondary methods courses, and preparation of future teacher educators. Respondents from various locations around the globe share their reflections on these sections. A culminating reflection of the findings of these studies is provided at the end of the book that provides an overview of what we have learned from these chapters, as well as a reflection on the role of self-study research in the future of science teacher education.
Engineering in Pre-College Settings Jun 13 2021 In science, technology, engineering, and mathematics (STEM) education in pre-college, engineering is not the silent "e" anymore. There is an accelerated interest in teaching engineering in all grade levels. Structured engineering programs are emerging in schools as well as in out-of-school settings. Over the last ten years, the number of states in the US including engineering in their K-12 standards has tripled, and this trend will continue to grow with the adoption of the Next Generation Science Standards.The interest in pre-college engineering education stems from three different motivations. First, from a workforce pipeline or pathway perspective, researchers and practitioners are interested in understanding precursors, influential and motivational factors, and the progression of engineering thinking. Second, from a general societal perspective, technological literacy and understanding of the role of engineering and technology is becoming increasingly important for the general populace, and it is more imperative to foster this understanding from a younger age. Third, from a STEM integration and education perspective, engineering processes are used as a context to teach science and math concepts. This book addresses each of these motivations and the diverse means used to engage with them.Designed to be a source of background and inspiration for researchers and practitioners alike, this volume includes contributions on policy, synthesis studies, and research studies to catalyze and inform current efforts to improve pre-college engineering education. The book explores teacher learning and practices, as well as how student learning occurs in both formal settings, such as classrooms, and informal settings, such as homes and museums. This volume also includes chapters on assessing design and creativity.
Miseducating for the Global Economy Dec 07 2020 Reveals that behind the going concern for "global economy education" lies capitalism's indifference to human values, to a fair distribution of resources, to its radical restructuring of workplaces with an attendant intensification of work effort, and to the genuine well-being of workers and their families. Coles provides a real education about the twenty-first-century global economy—and what corporations are doing to prevent our learning about it. He describes the intellectually narrow and morally crippling effects of the corporate-control of education; how the imperative for profit maximizes the misunderstanding of communities, nations, and the environment, even as it minimizes aesthetic appreciation, cultural expression, compassion itself. But it is by understanding all this, Coles argues, that real change can begin. --Adapted from publisher description.