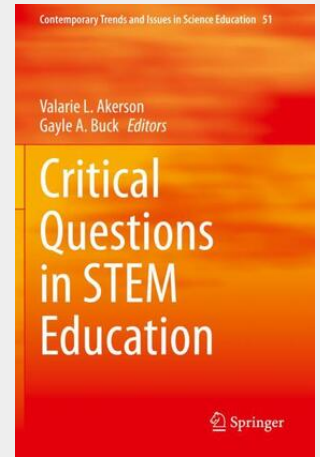


Critical Questions in STEM Education

This edited volume offers a crosscutting view of STEM and is comprised of work by scholars in science, technology, engineering, and mathematics education. It offers a view of STEM from the disciplines that comprise it, while adhering to the idea that STEM itself is an interdisciplinary treatment of all the associated disciplines in a meaningful way. This book raises and answers questions regarding the meaning of STEM education and research. This volume is divided into three sections: the first one describes the nature of the component disciplines of STEM. The next section presents work from leaders representing all STEM disciplines and deals with aspects such as K-12 and post-secondary education. The last section draws conclusions regarding the natures of the disciplines, challenges and advantages of STEM education in terms of theoretical and practical implications. The two final chapters compile arguments from the research chapters, describing themes in research results, and making recommendations for best STEM education practice, and examining areas for future research in STEM education.



139,09 €

129,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783030576486

Medium: Buch

ISBN: 978-3-030-57648-6

Verlag: Springer International Publishing

Erscheinungstermin: 07.11.2021

Sprache(n): Englisch

Auflage: 1. Auflage 2020

Serie: Contemporary Trends and Issues in Science Education

Produktform: Kartoniert

Gewicht: 423 g

Seiten: 260

Format (B x H): 155 x 235 mm

