



Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data

By *Elizabeth de Freitas, Margaret Walshaw*

[Download now](#)

[Read Online](#) 

Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw

This book explicates some of the fundamental philosophical tenets underpinning key theoretical frameworks, and demonstrates how these tenets inform particular kinds of research practice in mathematics education research. We believe that a deep understanding of significant theories from the humanities and social sciences is crucial for doing high-quality research in education. For that reason, this book focuses on six key theoretical sources, unpacking their relevance and application to specific research examples.

We situate these key theorists within a larger framework pertaining to the history of thought more generally, and discuss how competing theories of teaching and learning differ in terms of their philosophical assumptions. In so doing, we offer context and motivation for particular research methods, with the agenda of helping researchers reflect on why particular approaches and not others might work for them.

 [Download Alternative Theoretical Frameworks for Mathematics ...pdf](#)

 [Read Online Alternative Theoretical Frameworks for Mathemati ...pdf](#)

Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data

By *Elizabeth de Freitas, Margaret Walshaw*

Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw

This book explicates some of the fundamental philosophical tenets underpinning key theoretical frameworks, and demonstrates how these tenets inform particular kinds of research practice in mathematics education research. We believe that a deep understanding of significant theories from the humanities and social sciences is crucial for doing high-quality research in education. For that reason, this book focuses on six key theoretical sources, unpacking their relevance and application to specific research examples.

We situate these key theorists within a larger framework pertaining to the history of thought more generally, and discuss how competing theories of teaching and learning differ in terms of their philosophical assumptions. In so doing, we offer context and motivation for particular research methods, with the agenda of helping researchers reflect on why particular approaches and not others might work for them.

Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By *Elizabeth de Freitas, Margaret Walshaw* **Bibliography**

- Rank: #3921285 in Books
- Published on: 2016-09-01
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .50" w x 6.14" l, .0 pounds
- Binding: Hardcover
- 193 pages

 [Download Alternative Theoretical Frameworks for Mathematics ...pdf](#)

 [Read Online Alternative Theoretical Frameworks for Mathemati ...pdf](#)

Download and Read Free Online Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw

Editorial Review

From the Back Cover

This book explicates some of the fundamental philosophical tenets underpinning key theoretical frameworks, and demonstrates how these tenets inform particular kinds of research practice in mathematics education research. We believe that a deep understanding of significant theories from the humanities and social sciences is crucial for doing high-quality research in education. For that reason, this book focuses on six key theoretical sources, unpacking their relevance and application to specific research examples. We situate these key theorists within a larger framework pertaining to the history of thought more generally, and discuss how competing theories of teaching and learning differ in terms of their philosophical assumptions. In so doing, we offer context and motivation for particular research methods, with the agenda of helping researchers reflect on why particular approaches and not others might work for them.

About the Author

Elizabeth de Freitas is an associate editor at the journal *Educational Studies in Mathematics*, and has published over 40 articles and chapters, both in mathematics education and education more generally, including articles in *Qualitative Inquiry*, *Educational Theory and Philosophy*, *Studies in Philosophy of Education*, and *Teaching Education*. Her research spans cultural studies, philosophy of education, research methods, and empirical studies in mathematics education. She is co-editor of the book: *Opening the research text: Critical in(ter)ventions into mathematics education* (2008, Springer), and co-author of the book *Mathematics and the body: Material entanglements in the classroom* (2014, Cambridge University Press). Margaret Walshaw is sole author of two books: *Working with Foucault in Education*, published by Sense Publishers in 2007, and *Getting to Grips with Doctoral Research*, published by Palgrave Macmillan in 2012. She is co-author of the book *Are our Standards Slipping? Debates over Literacy and Numeracy Standards in New Zealand since 1945*, published by NZCER in 2010, and co-author of *Effective Pedagogy in Mathematics/P?ngarau: Best Evidence Synthesis Iteration [BES]*, published by Learning Media in 2007. In addition, she is sole editor of the book *Mathematics Education Within the Postmodern*, published by Information Age in 2004, and sole editor of the book *Unpacking Pedagogy: New Perspectives for Mathematics Classrooms*, published by Information Age in 2010. Margaret is currently associate editor of the *Journal of Mathematics Teacher Education [JMTE]*. She has published in the *Review of Educational Research*; *Curriculum Inquiry*; *Pedagogies: An International Journal*; the *Journal for Research in Mathematics Education*; *Educational Studies in Mathematics*; *Cambridge Journal of Education*; and in the *British Journal of Sociology of Education*.

Users Review

From reader reviews:

Allen Reilley:

The book *Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data* make one feel enjoy for your spare time. You can use to make your capable much more increase. Book can to get your best friend when you getting tension or having big problem together with your subject. If you can make examining a book *Alternative Theoretical Frameworks for Mathematics Education Research: Theory*

Meets Data to be your habit, you can get considerably more advantages, like add your own personal capable, increase your knowledge about several or all subjects. You could know everything if you like available and read a reserve Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data. Kinds of book are several. It means that, science book or encyclopedia or other people. So , how do you think about this book?

Mary James:

What do you concerning book? It is not important along with you? Or just adding material when you really need something to explain what the one you have problem? How about your time? Or are you busy person? If you don't have spare time to try and do others business, it is give you a sense of feeling bored faster. And you have extra time? What did you do? All people has many questions above. The doctor has to answer that question mainly because just their can do in which. It said that about reserve. Book is familiar on every person. Yes, it is correct. Because start from on guardería until university need this particular Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data to read.

Bruce Harrison:

This Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data book is just not ordinary book, you have it then the world is in your hands. The benefit you receive by reading this book is actually information inside this book incredible fresh, you will get data which is getting deeper you actually read a lot of information you will get. This particular Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data without we understand teach the one who examining it become critical in imagining and analyzing. Don't possibly be worry Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data can bring any time you are and not make your case space or bookshelves' turn into full because you can have it in your lovely laptop even telephone. This Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data having fine arrangement in word in addition to layout, so you will not really feel uninterested in reading.

Michael Larose:

This Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data are usually reliable for you who want to become a successful person, why. The main reason of this Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data can be one of the great books you must have is giving you more than just simple examining food but feed an individual with information that possibly will shock your earlier knowledge. This book is handy, you can bring it everywhere you go and whenever your conditions in the e-book and printed kinds. Beside that this Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data giving you an enormous of experience for instance rich vocabulary, giving you tryout of critical thinking that could it useful in your day activity. So , let's have it and luxuriate in reading.

Download and Read Online Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw #YRDJ2FMV4UT

Read Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw for online ebook

Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw books to read online.

Online Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw ebook PDF download

Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw Doc

Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw MobiPocket

Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw EPub

YRDJ2FMV4UT: Alternative Theoretical Frameworks for Mathematics Education Research: Theory Meets Data By Elizabeth de Freitas, Margaret Walshaw