



## Developing Essential Understanding of Geometry and Measurement for Teaching Mathematics in Grades 3-5

---

By Richard Lehrer, Hannah Slovin, Barbara J. Dougherty, Rose Mary Zbiek

National Council of Teachers of Mathematics, U.S. Paperback. Book Condition: new. BRAND NEW, Developing Essential Understanding of Geometry and Measurement for Teaching Mathematics in Grades 3-5, Richard Lehrer, Hannah Slovin, Barbara J. Dougherty, Rose Mary Zbiek, How can you introduce terms from geometry and measurement so that your students' AE vocabulary will enhance their understanding of concepts and definitions? What can you say to clarify the thinking of a student who claims that perimeter is always an even number? How does knowing what changes or stays the same when shapes are transformed help you support and extend your students' AE understanding of shapes and the space that they occupy? How much do you know and how much do you need to know? Helping your students develop a robust understanding of geometry and measurement requires that you understand fundamental statistical concepts deeply. But what does that mean? This book focuses on essential knowledge for mathematics teachers about geometry and measurement. It is organized around three big ideas, supported by multiple smaller, interconnected ideas/essential understandings. Taking you beyond a simple introduction to geometry and measurement, the book will broaden and deepen your understanding of one of the most challenging topics for students and teachers. It...

### Reviews

*The book is great and fantastic. it had been written extremely perfectly and valuable. I am very happy to let you know that here is the finest pdf i have read through within my own life and can be the very best book for actually.*

-- Miss Rossie Fay

*It is just one of my personal favorite publication. It is among the most awesome publication i have read. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- Delia Rutherford