



**Investigating Real Data in the Classroom:
Expanding Children's Understanding of Math and
Science (Ways of Knowing in Science and
Mathematics) (Ways of Knowing in Science and
Mathematics) (Paperback))**

Richard Lehrer

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This book looks at how teachers implement national math and science standards in their classrooms. A collaboration between Richard Lehrer and Leona Schauble (education researchers) and elementary school teachers, these teacher-authored chapters provide important insights about how children think and reason as they pose questions, collect data, and build data models to answer their questions. While the spotlight is primarily on student understanding and its development over time, the text also highlights teachers' professional development of a specific form of knowledge. Becoming a "virtual observer" as teachers orchestrate data modeling activities in their classrooms—you'll see not just what was taught, but how it was taught.

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