



Reading for Evidence and Interpreting Visualizations in Mathematics and Science Education (Hardback)

By -

Sense Publishers, United States, 2012. Hardback. Book Condition: New. 234 x 156 mm. Language: English . Brand New Book ***** Print on Demand *****.CRYSTAL-Alberta was established to research ways to improve students understanding and reasoning in science and mathematics. To accomplish this goal, faculty members in Education, Science, and Engineering, as well as school teachers joined forces to produce a resource bank of innovative and tested instructional materials that are transforming teaching in the K-12 classroom. Many of the instructional materials cross traditional disciplinary boundaries and explore contemporary topics such as global climate change and the spread of the West Nile virus. Combined with an emphasis on the use of visualizations, the instructional materials improve students engagement with science and mathematics. Participation in the CRYSTAL-Alberta project has changed the way I think about the connection between what I do as a researcher and what I do as a teacher: I have learned how to better translate scientific knowledge into language and activities appropriate for students, thereby transforming my own teaching. I also have learned to make better connections between what students are learning and what is happening in their lives and the world, thereby increasing students interest in the subject..



READ ONLINE
[3.25 MB]

Reviews

Certainly, this is the greatest work by any author. It can be written in easy words and phrases rather than confusing. I am just happy to let you know that this is actually the greatest ebook we have studied inside my individual daily life and may be the greatest ebook for at any time.

-- **Trent Monahan**

A very great ebook with perfect and lucid answers. It can be packed with wisdom and knowledge I found out this book from my dad and I encouraged this publication to learn.

-- **Elena McLaughlin**