SCIENCE AS INQUIRY
IN THE SECONDARY SETTING

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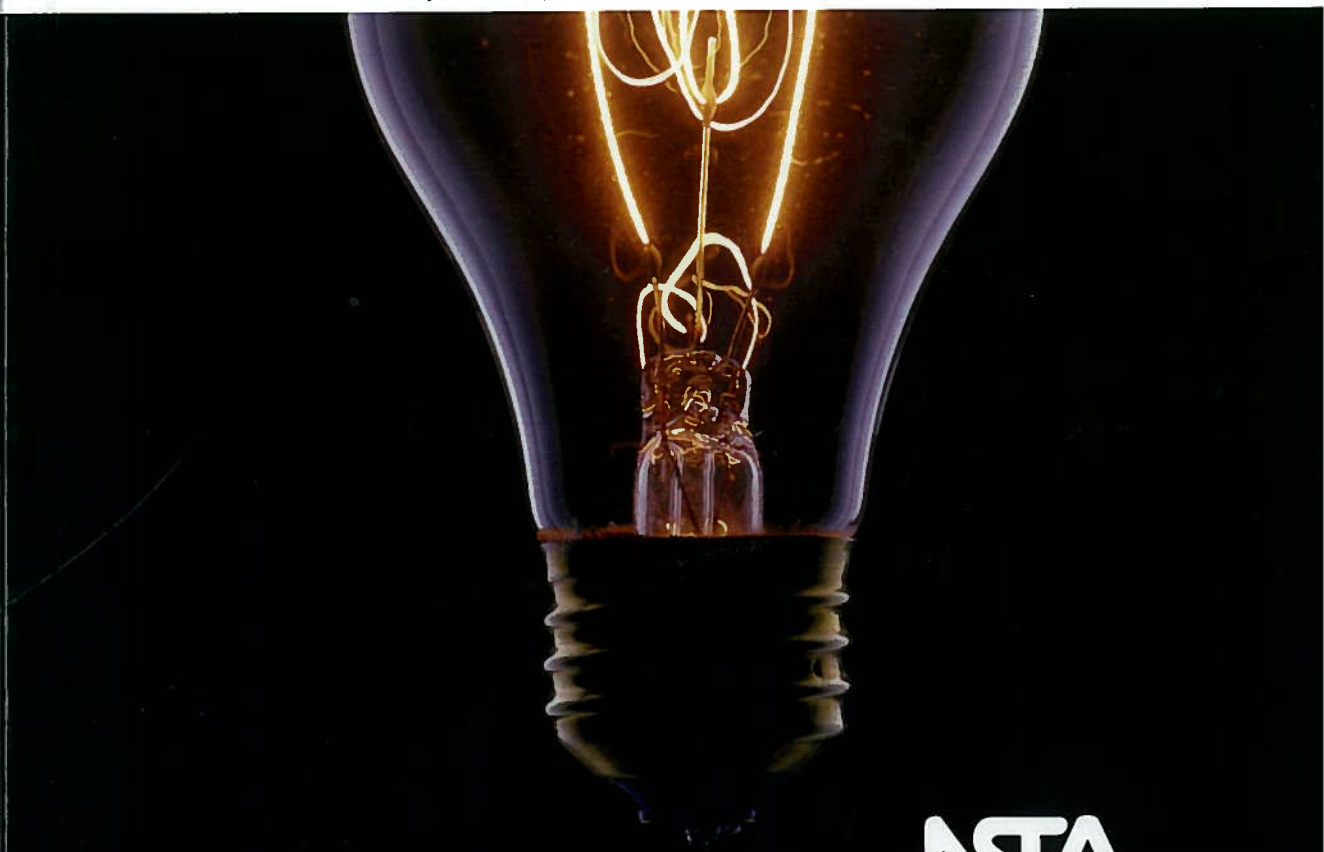

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It can be a tough thing to admit: Despite hearing so much about the importance of inquiry-based science education, you may not be exactly sure what it is—not to mention how to do it. But now this wise book takes the intimidation out of inquiry. It gives you an overview of what inquiry is like in middle and high school and explores ways of incorporating more inquiry-centered practices into your own teaching.

In 11 concise chapters, leading researchers raise and resolve such key questions as:

- What is inquiry?
- What does inquiry look like in specific classes, such as Earth science or in the chemistry lab?
- What are the basic features of inquiry instruction?
- How do you assess science as inquiry?

Science as Inquiry was created to fill a vacuum. No other book serves as such a compact, easy-to-understand orientation to inquiry for both preservice and inservice science teachers. It's ideal for guiding discussion, fostering reflection, and helping you enhance your own classroom practices.

As chapter author Mark Windschitl writes, "The aim of doing more authentic science in schools is not to mimic scientists, but to develop the depth of content knowledge, the habits of mind, and the critical reasoning skills that are so crucial to basic science literacy." This volume guides you to find new ways of helping students further along the path to science literacy.

Grades 6–12

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