The Teaching of Science: 21st-Century Perspectives

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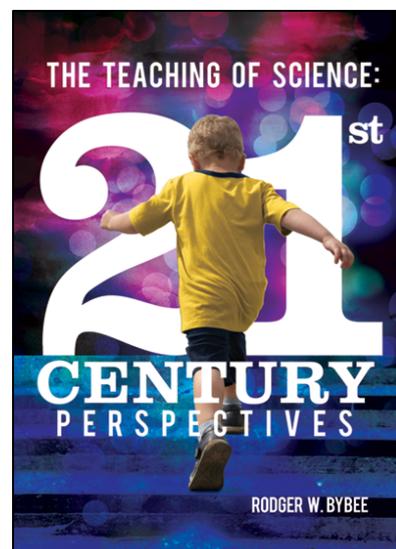
Summary

What should citizens know, value, and be able to do in preparation for life and work in the 21st century? In *The Teaching of Science: 21st-Century Perspectives,* renowned educator Rodger Bybee provides the perfect opportunity for science teachers, administrators, curriculum developers, and science teacher educators to reflect on this question. He encourages readers to think about *why* they teach science and *what* is important to teach. Only then can they figure out *how* to teach science. Using his lectures at NSTA conferences as the foundation for the chapters, Bybee addresses topics such as contemporary challenges in science education, curriculum and instruction, inquiry in science teaching, and the development of 21st-century skills. He concludes the book with a discussion of the need for leadership and continued reform in science education.

With his experiences as a leader in science education for the past 30 years, Bybee brings the necessary perspective and background to help members of the science education community better understand the challenges and goals of scientific teaching. *The Teaching of Science* will prove to be thought-provoking and beneficial reading for all members of the science education community as they seek to help students become more informed and engaged citizens in the 21st century.

Other Resources

- *Teaching & Assessing 21st Century Skills: The Classroom Strategies Series* (MRL2325)
- *The NSTA Reader's Guide to A Framework for K–12 Science Education, Second Edition: Practices, Crosscutting Concepts, and Core Ideas* (NST0539)
- *Translating the NGSS for Classroom Instruction* (NST0546)
- *What Principals Need to Know About Teaching and Learning Science* (SOT6291)