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Science Instruction in the Middle Secondary Schools

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Abstract

This text provides the initial scaffolding needed by novices to understand and enact the basics of science teaching—assessing, teaching, and managing. Included is information on various areas of science education, with numerous vignettes and effective classroom practices in action. The focus is on those entering or new to the science teaching profession to understand the role of science and engineering to prepare the next generation in the 21st century. It provides ideas and knowledge about how to see science and engineering as ways of thinking about the world around them, and to recognize the relationship between science and engineering in their everyday lives.

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