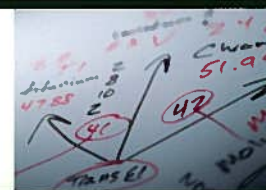


# Exemplary Science in Grades 9-12

## ***STANDARDS-BASED SUCCESS STORIES***

Edited by Robert E. Yager



**NSTA**press  
NATIONAL SCIENCE TEACHERS ASSOCIATION

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## **STANDARDS-BASED SUCCESS STORIES**

Since their release in 1996, the National Science Education Standards have provided the vision for science education reform.

Nearly a decade later, NSTA's four-book Exemplary Science monograph series assesses how well that vision has actually been realized. How have educators used the goals to plan content, improve teaching, and assess real learning—learning that results in students who can use concepts and process skills in new situations?

This collection of 15 essays provides the answers to this vital question at the high school level. Educators in grades 9 to 12 describe programs they've developed to fulfill the Standards' *More Emphasis* guidelines. The programs are real-life examples you can learn from as you strive to carry out the needed reforms in teaching, assessment, professional development, and content.

Editor of the Exemplary Science series is Robert E. Yager, a science educator since 1950 and an active contributor to the development of the Standards. As Dr. Yager notes in the thought-provoking summary chapter in this volume, "The exemplary programs described in this monograph give inspiration while also providing evidence that the new directions are feasible and worth the energy and effort needed for others to implement changes."

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