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"Hammerman and Musial offer great strategies for developing rubrics to determine how much real learning has occurred. I recommend this easily understood and helpful book to all teachers who want to make their assessment of learning more authentic."

-From the Foreword by Robert E. Yager

"Designing and using performance assessment tools can be very challenging for beginning teachers. The authors offer a fantastic starting point for all science educators to examine their current method of assessment and apply new and different types of authentic assessment strategies across the curriculum."

—**Sheila Smith,** Science Specialist/National Science Foundation Project Director lackson Public Schools, MS

Challenge and expand students' abilities with multidimensional performance tasks!

In this invaluable resource, science educators Elizabeth Hammerman and Diann Musial define a new vision for integrating science, mathematics, and language arts with instruction and assessment and encourage teachers to develop reliable processes for assessing both their teaching practice and student learning.

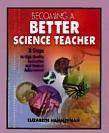
This revised edition offers more than 20 performance assessments that promote student engagement. Each clearly articulated task correlates with current research and focuses on learning indicators linked to state and national standards. The assessments also model inquiry-based science in ways proven to increase student achievement, allowing learners to demonstrate their understanding of embedded concepts through exploration, inquiry, and application.

Teachers can follow detailed guidelines to develop customized assessments or use the assessments already included to evaluate learners'

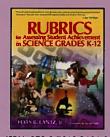
- Understanding of content and processes
- Development of complex thinking skills
- Aptitude for science
- Ability to make real-world connections

Featuring learning logs, portfolios, peer interview strategies, and sample teacher-student interviews, *Integrating Science With Mathematics & Literacy, Second Edition,* helps educators obtain accurate performance data while giving students opportunities to examine the world in exciting ways.

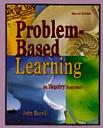
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