

SCIENCE

Formative Assessment

75 Practical Strategies for Linking
Assessment, Instruction, and Learning



A Joint Publication



Page Keeley

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"Page Keeley does it again! This book should be on the desk of all classroom teachers. They will reach for it time and again as they use best practices that include appropriate formative assessment strategies."

—Beverly Cox, Elementary Science Coordinator
Orange County Public Schools, Orlando, FL

Use assessment to inform instruction and learning in the science classroom!

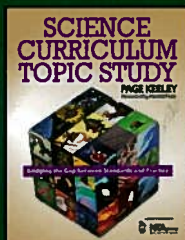
Formative assessment allows educators to discover the varied ideas that students bring to the classroom, determine students' understanding of key concepts, and design learning opportunities that will deepen students' mastery of content and standards. A nationally known expert in science education, Page Keeley provides a rich repertoire of purposeful methods that weave assessment into the process of instruction and learning.

The author shares 75 specific assessment techniques to help teachers in Grades K–12 provide effective science instruction. These flexible assessments can be used with any science curriculum, and the author includes

- A description of how each technique promotes student learning
- Considerations for design and implementation, such as required materials, timing, modeling the technique, and grouping students
- Modifications for various instructional needs
- Caveats for using each technique
- Ways the techniques can be used in other content areas

Science Formative Assessment promotes best practices in the science classroom and helps teachers expand their tool kit of proven assessment techniques.

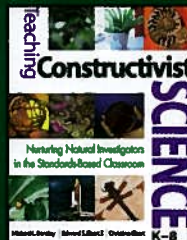
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