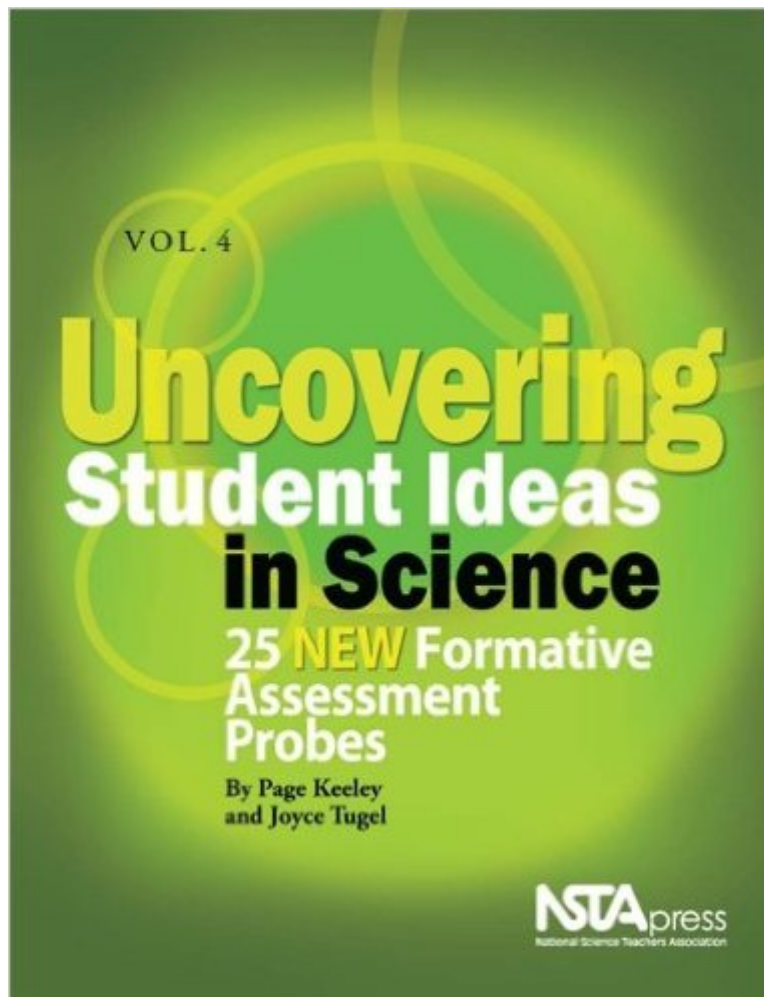


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# Uncovering Student Ideas In Science, Volume 4: 25 New Formative Assessment Probes (PB193X4)



## Synopsis

Uncovering Student Ideas in Science, Volume 4, offers 25 more formative assessment probes to help reveal students' preconceptions of fundamental concepts in science.

## Book Information

Age Range: 8 and up

Paperback: 200 pages

Publisher: National Science Teachers Association (March 18, 2009)

Language: English

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Product Dimensions: 8.3 x 0.5 x 10.7 inches

Shipping Weight: 6.4 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (5 customer reviews)

Best Sellers Rank: #141,171 in Books (See Top 100 in Books) #133 in [Books > Science & Math > Science for Kids](#) #163 in [Books > Education & Teaching > Schools & Teaching > Instruction Methods > Science & Technology](#) #32318 in [Books > Children's Books](#)

## Customer Reviews

This book is an excellent resource for formative assessments. There are formative assessments for all branches of science, Earth and Space, life science, and physical science. The formative assessments are varied. There are lists where students have to check the items that belong (or don't belong), there are phrases they have to agree with or disagree with, and there are "conversations" among students where they have to decide who has the most correct answer. The biggest part that gives the most information is that the students' have to tell why they believe that is the correct answer. This provides so much information into how students think and it really gives you a way to understand a student's level. In the answers, there is a list of what is expected for elementary students, middle school students. and high school students. That makes this very adaptable to all levels. I use all of the series constantly in my classroom.

Great way of making visible student's understanding of concepts in a non-threatening way. I bought the series sharing with fellow teachers. The explanation pages are perfect for sharing straight up with older students (grade 7 and up, or for a teacher's understanding if the topics are out of your field. Great tool.

Shows you how your students are really thinking and guides the teacher on how to redirect misconceptions. Easy to use for elementary through high school. They show examples for elem, middle, and high school students..

I love those probes. Very useful when assessing students misconceptions.

A+

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