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Uncovering Student Ideas in Science, Volume 2 25 More

Uncovering Student Ideas in Science (Volume 2)- 25 More Formative Assessment Probes by Page Keeley, Francis Eberle, and Joyce Tugel (2007). This book, the second volume in the NSTA Press USI series includes 25 formative assessment probes that can be used across multiple grade spans, as well as pre-service teacher education and teacher professional development in life, physical, earth, and space sciences.

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Loaded with classroom-friendly features you can use immediately, the book is comprised of 25 â€œprobesâ€•â€”brief, easily administered activities designed to determine your studentsâ€™ thinking on 44 core science topics (grouped by light, sound, matter, gravity, heat and temperature, life science, and Earth and space science).

Uncovering Student Ideas in Science - NSTA Learning Center

A blend of theory, research, personal vignettes, and practical strategies and suggestions, including a chapter on instructional strategies that support conceptual understanding in science and the Framework for Linking Assessment, Instruction, and Learning when using the formative assessment probes in the Uncovering Student Ideas in Science series.

Uncovering Student Ideas

popular formula for uncovering and addressing the preconceptions that students bring to the classroomâ€”the formative assessment probeâ€”in this first book devoted exclusively to life science in her Uncovering Student Ideas in Science series.

Uncovering Student Ideas in Life Science - media.bscs.org

Each probe is supported by extensive Teacher Notes, which provide background information on the purpose of the probes, related concepts, explanations of the life science ideas being taught, related ideas in the national science standards, research on typical student misconceptions in life science, and suggestions for instruction and assessment.

Uncovering Student Ideas in Life Science, Volume 1: 25 New

Uncovering Student Ideas in Life Science ix Foreword Capturing the conceptual knowledge of students on a particular science topic is one of the most important things that science teachers

Uncovering Student Ideas in Life Science

Uncovering Student Ideas in Science, Volume 2: 25 More Formative Assessment Probes. NSTA Press Book (also see downloadable pdf version of this book) If Hollywood filmed this sequel, the studio would call it â€œProbes II: More Battles Against Misunderstandings.â€• Like the blockbuster before it, Volume 2 will reveal the surprising misconceptions ...

Uncovering Student Ideas in Science, Volume 2: 25 More

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