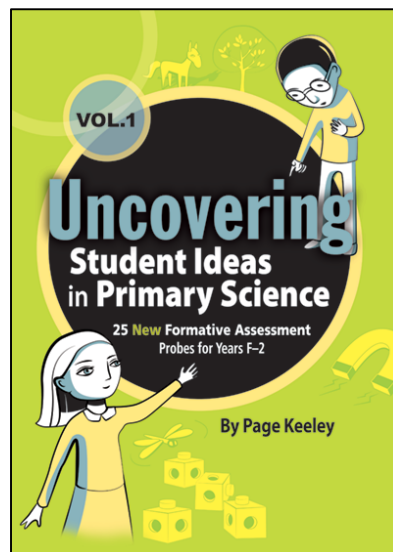


Uncovering Student Ideas in Primary Science, Volume 1: 25 New Formative Assessment Probes for Years F–2

Author(s): Page Keeley

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Summary

What ideas do young children bring to their science learning, and how does their thinking change as they engage in “science talk”? Find out using the 25 field-tested probes in the newest volume of Page Keeley’s bestselling *Uncovering Student Ideas in Science* series; the first targeted to Years F–2. This teacher-friendly book is:

- **Tailored to your needs.** The content is geared specifically toward the primary year levels, with an emphasis on simple vocabulary as well as drawing and speaking (instead of writing). The format of the student pages uses minimal text and includes visual representations of familiar objects, phenomena or ideas.
- **Focused on making your lessons more effective.** The assessment probes engage youngsters and encourage “science talk” while letting you identify students’ preconceptions before beginning a lesson or monitor their progress as they develop new scientific explanations.
- **Applicable to a range of science concepts.** This volume offers eight life science probes, eleven physical science probes, and six Earth and space science probes that target F–2 disciplinary core ideas.
- **Ready to use.** The book provides year-appropriate reproducible pages for your students and detailed teacher notes for you, including clear and concise explanations, relevant research, suggestions for instruction and connections to the Australian Curriculum: Science.

Uncovering Student Ideas in Primary Science is an invaluable resource for classroom and student teachers and professional development providers. This book’s age-appropriate probes will help you teach more effectively by starting with students’ ideas and adapting instruction to support conceptual change.

Other Resources

- *Science Toys and Crafts* (IFA19241)
- *Inside-Out: Environmental Science in the Classroom and the Field, Grades 3–8* (NST4742)
- *Uncovering Student Ideas in Earth and Environmental Science: 32 New Formative Assessment Probes* (NST7564)
- *Proficiency Scales for Science Standards: A Framework for Science Instruction and Assessment* (MRL7378)