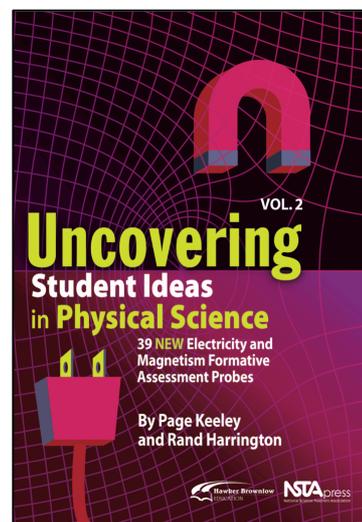


Uncovering Student Ideas in Physical Science, Volume 2: 39 New Electricity and Magnetism Formative Assessment Probes

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Summary

If you and your students can't get enough of a good thing, the second volume of *Uncovering Student Ideas in Physical Science* is just what you need. It offers 39 new formative assessment probes, this time with a focus on electric charge, electric current, and magnets and electromagnetism. It can help you do everything from demystify electromagnetic fields to explain the real reason balloons stick to the wall after you rub them on your hair.

Like the other eight wildly popular books in the series, *Uncovering Student Ideas in Physical Science, Volume 2*

- provides a collection of engaging questions, or formative assessment probes. Each probe in this volume is designed to uncover what students know – or think they know – about electric or magnetic phenomena or identify misunderstandings that may develop during instruction
- offers field-tested teacher materials that provide “best answers”, along with distracters designed to reveal misconceptions that students commonly hold
- is easy to use by time-starved teachers like you. These teacher-friendly, ready-to-reproduce materials fit easily into all stages of an instructional cycle. In addition to explaining the science content, the teacher materials note links to national standards and suggest year level-appropriate ways to present material to help your students develop deeper conceptual understanding.

By helping you detect and then make sound instructional decisions to address students' misconceptions, this new volume has the potential to transform your teaching.

Other Resources

- *Uncovering Student Ideas in Physical Science, Volume 1: 45 New Force and Motion Assessment Probes* (NST1130)
- *Uncovering Student Ideas in Astronomy: 45 New Formative Assessment Probes* (NST0997)
- *Uncovering Student Ideas in Life Science, Volume 1: 25 New Formative Assessment Probes* (NST1123)