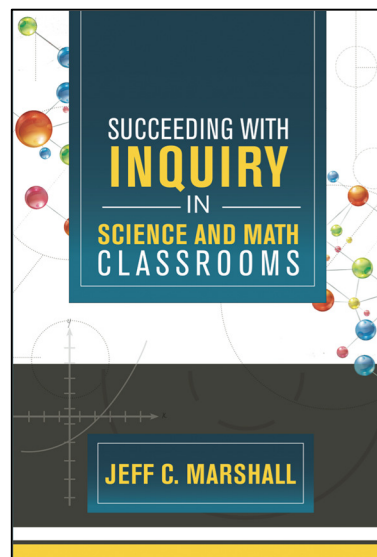


Succeeding With Inquiry In Science And Math Classrooms

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Summary

Research shows that inquiry-based instruction boosts students' critical thinking skills and promotes the kind of creative problem solving that turns the classroom into an energised learning environment.

In *Succeeding With Inquiry In Science And Math Classrooms*, real-world lesson plans illustrate highly effective inquiry-based instruction as you learn

- how to engage maths and science students at all year levels
- why students should explore a subject before you explain it
- how to meet rigorous standards and expectations through rich, well-aligned classroom experiences
- how to develop useful formative assessments and gather critical information during every class period
- how to create effective questions that guide students' deep learning and your own professional development.

No matter what your experience with inquiry-based instruction, *Succeeding With Inquiry In Science And Math Classrooms* will help hone your ability to plan and implement high-quality lessons that engage students and improve learning.

Supporting Resources

- *Brain-Powered Science: Inquiry Learning With Unexpected Results* (NST0805)
- *Even More Brain-Powered Science: Inquiry Learning With Unexpected Results* (NST0843)
- *100 Commonly Asked Questions in Maths Class: Answers That Promote Mathematical Understanding, Years 6–12* (CO2416)
- *Discovering Science Pack: Foundation to Year 6* (HB8700)
- *A Collection of Differentiated Activities: Differentiated Instruction in Literacy, Maths and Science* (CO1043)