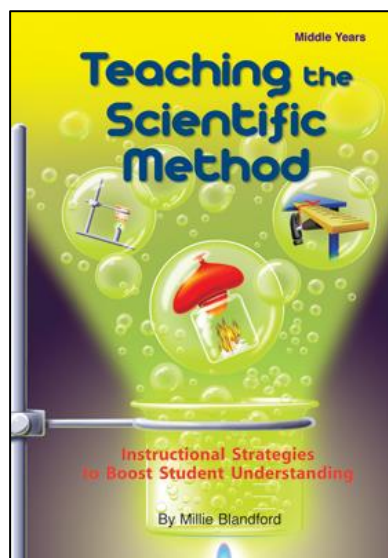


Teaching the Scientific Method: Instructional Strategies to Boost Student Understanding

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Year Level: Year 5, Year 6, Year 7, Year 8, Teachers and Administrators
Focus Area: Activities and Exercises, Classroom Practice and Direct Instruction
Key Learning Area: Science



Summary

Brimming with ideas that engage students in active learning, *Teaching the Scientific Method* is focused on building students' foundation in the principles of scientific inquiry. The lessons in this book will enable students to solve problems using the scientific method, conduct research, use scientific equipment appropriately, construct and explain tables, graphs and reports, and develop experiments independently.

In addition to ideas for each step of the scientific method, the book contains:

- hands-on activities
- demonstrations
- multiple assessments and evaluations
- reproducible student pages
- planning resources for teachers

From creative demonstration to capture students' attention to a sample experiment and science fair project guidelines, this complete and easily adaptable resource will be a valued addition to the classroom.

Other Resources

- *Science and Maths in Motion: Active Learning Strategies for Integrating Science and Maths* (INA2533)
- *Making Every Science Lesson Count: Six Principles to Support Great Science Teaching* (CRH6517)
- *10 Projects for the PBL Classroom: Science* (PRU4360)
- *Dive In! Immersion in Science Practices for High School Students* (NST3998)