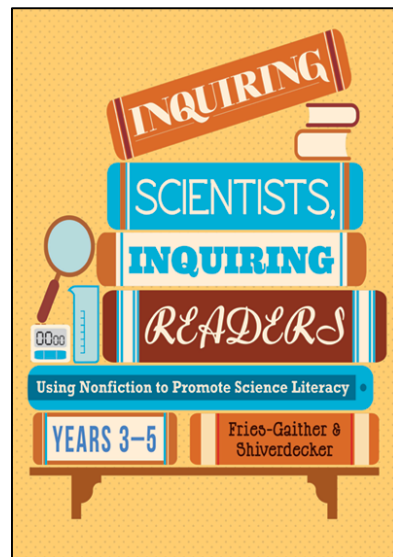


Inquiring Scientists, Inquiring Readers: Using Non Fiction to Promote Science Literacy Years 3–5

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Summary

In *Inquiring Scientists, Inquiring Readers*, science educators Jessica Fries-Gaither and Terry Shiverdecker help teachers blend literacy into elementary science instruction. This unique book will show teachers how to teach science using a variety of nonfiction text sets (such as field guides, reference books, and narrative expository texts) and replace individual lessons with a learning-cycle format (including hands-on investigations, readings, directed discussion, and problem solving).

Research-based and teacher-friendly, *Inquiring Scientists, Inquiring Readers* shows how inquiry can engage your students in reading nonfiction texts, discussing important science concepts, and writing to both develop understanding and share information. Here are some of the book's special features:

- Eight units covering life, physical, and Earth and space science—from “Beaks and Biomes: Understanding Adaptation in Migrating Organisms” to “Classroom Curling: Exploring Forces and Motion” to “Drip Drop Detectives: Exposing the Water Cycle.” Two additional units cover the nature of science. All units have been classroom-tested for effectiveness and align with the national science standards and the Common Core State Standards for English Language Arts.
- Detailed scientific background, common misconceptions associated with the content, an annotated list of the books in the text set, safety considerations, reproducible student pages, and suggested assessments.
- Authentic, inquiry-based contexts for reading, writing, and discussion through read-alouds, collaborative activities, graphic organizers, and writing prompts.

Inquiring Scientists, Inquiring Readers will change the way you think about engaging your students the authors show that it's possible to integrate literacy into elementary-level science instruction without sacrificing quality in either area.

- *Predict, Observe, Explain: Activities Enhancing Science Understanding* (NST0942)
- *Even More Brain-Powered Science: Inquiry Learning with Unexpected Results* (NST0843)
- *Designing Effective Science Instruction: What Works in Science Classrooms* (NST0782)
- *To Look Closely: Science and Literacy in the Natural World* (SHP7781)