

THE SCIENCE TEACHER

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COVER

Inquiry activities engage students in scientific phenomena through direct observation, data gathering and analysis of evidence. Replacing familiar routines — with inquiry may seem daunting. But as explained in this issue, not all inquiry activities are the same. One article describes four levels of inquiry: confirmatory, structured, guided, and open. Another recommends eight types of inquiry activities based on a study of more than 300. A third article describes an inquiry involving Google Earth. The “Idea Bank” column shows how to add inquiry to popular cookbook labs. Use these ideas to enhance your own ability to implement inquiry in your teaching.

Cover designed by Rashad Muhammad.