



Chemical Demonstrations : A Handbook for Teachers of Chemistry Vol 4

By Bassam Z. Shkhashiri

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The demonstrations capture interest, teach, inform, fascinate, amaze, and perhaps, most importantly, involve students in chemistry. Nowhere else will you find books that answer, "How come it happens? . . . Is it safe? . . . What do I do with all the stuff when the demo is over?"

Shkhashiri and his collaborators offer 282 chemical demonstrations arranged in 11 chapters. Each demonstration includes seven sections: a brief summary, a materials list, a step-by-step account of procedures to be used, an explanation of the hazards involved, information on how to store or dispose of the chemicals used, a discussion of the phenomena displayed and principles illustrated by the demonstration, and a list of references. You'll find safety emphasized throughout the book in each demonstration.

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Bibliography

- Sales Rank: #769485 in Books
- Published on: 1992-02-15
- Original language: English
- Number of items: 1
- Dimensions: 11.00" h x .90" w x 8.50" l, 2.31 pounds
- Binding: Hardcover
- 318 pages

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Review

"WOW! . . . HOW?" your students will exclaim when you present the demonstrations in the acclaimed *Chemical Demonstrations Volumes 1–4*.

About the Author

Bassam Z. Shakhashiri is professor of chemistry at the University of Wisconsin-Madison and founder of the Institute for Chemical Education. He is a recipient of the American Chemical Society's James Flack Norris Award for Outstanding Achievement in the Teaching of Chemistry as well as many other awards.

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