

Take-Home Chemistry: 50 Low-Cost Activities to Extend Classroom Learning

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Summary

For high school science teachers, home-schoolers, science coordinators, and informal science educators, this collection of 50 inquiry-based labs provides hands-on ways for student to learn science at home – safely. Author Michael Horton promises that students who conduct the labs in *Take-Home Chemistry* as supplements to classroom instruction will enhance higher-level thinking, improve process skills and raise high-stakes test scores. Many of the exercises involve skills such as measuring, graphing, calculating and extrapolating graphs, and cover topics such as moles, chromatography, chemical reactions and titration. Each lab includes both a student page and a teacher page and provides an objective, a purpose, a materials list, notes and post-lab questions, making Take-Home Chemistry a useful tool for improving how students learn chemistry.

Other Resources

- *Take Home Physics: 65 High Impact, Low Cost Labs* (NST4780)
- *Argument-Driven Inquiry in Chemistry: Lab Investigations for Grades 9-12* (NST9082)
- *Student Lab Manual for Argument Driven Inquiry in Chemistry: Lab Investigations for Grades 9-12* (NST0508)
- *Forensics in Chemistry: The Case of Kirsten K.* (NST5947)