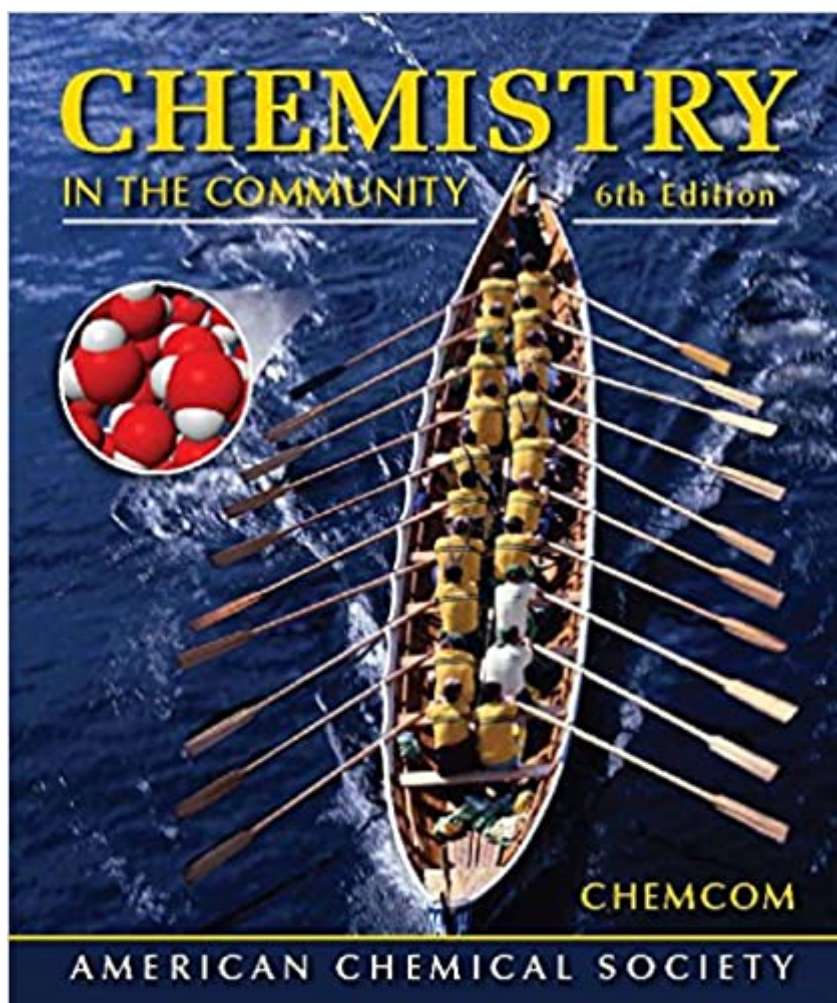




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EBook Chemistry In The Community (ChemCom)



Synopsis

Touted as the most successful NSF-funded project published, Chemistry in the Community (ChemCom) by the American Chemical Society (ACS) offers a meaningful and memorable chemistry program for all levels of high school students. ChemCom covers traditional chemistry topics within the context of societal issues and real-world scenarios. Centered on decision-making activities where students are responsible for generating data in an investigating, analyzing that data and then applying their chemistry knowledge to solve the presented problem. The text is intensively laboratory-based, with all 39 of the investigations integrated within the text, not separate from the reading. With the ChemCom program, students learn more organic and biochemistry, more environmental and industrial chemistry, and more on the particulate nature of matter than other textbooks all within the relevance of solving problems that arise in everyday life. Meticulously updated to meet the needs of today's teachers and students, the new sixth edition of ChemCom adheres to the new science framework as well as the forthcoming next generation of science standards. Incorporating advances in learning and cognitive sciences, ChemCom's wide-ranging coverage builds upon the concepts and principles found in the National Science Education Standards. Correlations are available showing how closely aligned ChemCom is to these and other state standards.

Book Information

File Size: 520409 KB

Print Length: 600 pages

Publisher: Freeman/Worth; 6 edition (June 17, 2011)

Publication Date: July 19, 2011

Language: English

ASIN: B00HQ00TCM

Text-to-Speech: Not enabled

X-Ray for Textbooks: Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #74,265 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #3 in Kindle Store > Kindle eBooks > Nonfiction > Science > Chemistry > Analytic #24 in Books > Science & Math > Chemistry > Analytic #26 in Kindle Store > Kindle eBooks > Nonfiction > Science >

Customer Reviews

I can't wait to use this book this fall! This is a conceptual chemistry book aimed at humanities high school students. I bought it for my homeschooled son to use in seventh grade; he is a strong STEM student with a high interest in studying chemistry next year. He needed something deeper than the typical offerings for his grade, but his math level prevents him from using more standard high school texts. (He'll be taking algebra 1 concurrently with Chemistry in the Community.) The pages are clean, uncluttered, and the illustrations are well-balanced. The topics it uses to teach the concepts are engaging and use everyday life situations. Cars, gasoline, environment, and much more. The text itself is pleasant to read and not dense or overwhelming in the slightest. My husband and I have picked it up to read portions just for the fun of it. I will be purchasing the 5th edition for my son to actually use, so he can take advantage of the online ancillaries. This 4th edition will stay on my shelf for my copy. And occasional evening reading.

Are your students tired of the traditional curriculum and bored with the dry presentation of your current text? ChemCom embeds the content standards of chemistry in a series of topical units designed to catch the interest of students and thus increase their involvement and learning. Units on Water, Resources, Petroleum and Air use numerous in-text activities to stimulate students into seeing how chemistry is vital to understanding these current environmental and political issues. Chemistry concepts are introduced and then later reinforced as the student progresses through the eight units. Interesting labs that non-science majors can relate to and learn from complement the many in-text activities. This curriculum is fun to teach and it works!

product was exactly as decribed

No more than I expected. Too much application of uses in today's community and not enough chemistry problem solving.

It's for my daughter's class

I am using this to supplement my chemistry curriculum.

Exactly what we needed for a class and a great price on this book. I will always look her first for books.

The book displays information in a very creative and interesting manner which motivates my students to read it! Can't beat the price as well!

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