



## CliffsNotes AP Chemistry (CliffsNotes (Paperback))

By Angela Woodward Spangenberg

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**Test prep for the AP Chemistry exam, with 100% brand-new content that reflects recent exam changes**

Addressing the major overhaul that the College Board recently made to the AP Chemistry exam, this AP Chemistry test-prep guide includes completely brand-new content tailored to the exam, administered every May.

Features of the guide include review sections of the six "big ideas" that the new exam focuses on:

- Fundamental building blocks
- Molecules and interactions
- Chemical reactions
- Reaction rates
- Thermodynamics
- Chemical equilibrium

Every section includes review questions and answers.

Also included in the guide are two full-length practice tests as well as a math review section and sixteen discrete laboratory exercises to prepare AP Chemistry students for the required laboratory experiments section on the exam.

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- Sales Rank: #159646 in Books
- Published on: 2016-01-12
- Released on: 2016-01-12
- Original language: English
- Number of items: 1
- Dimensions: 10.88" h x 1.19" w x 8.25" l, 1.00 pounds
- Binding: Paperback
- 456 pages

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### Editorial Review

From the Back Cover

Your complete guide to a higher score on the AP(r) Chemistry exam

Why CliffsNotes?

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- Get the information you need fast!

**About the Book:**

#### Introduction

- Topics covered in a typical AP Chemistry course
- Format of the AP Chemistry exam
- Strategies for multiple-choice questions
- Strategies for free-response questions

#### Big Ideas: Subject Area Reviews

- Structure of Matter (Big Idea 1)
- Bonding and Intermolecular Forces (Big Idea 2)
- Chemical Reactions (Big Idea 3)
- Kinetics (Big Idea 4)
- Thermodynamics (Big Idea 5)
- Chemical Equilibrium (Big Idea 6)

#### Laboratory Review 16 AP Chemistry experiments

#### AP Chemistry Model Practice Exams

- 2 full-length practice exams that simulate the actual exam
- Answers and complete explanations

**Angela Woodward Spangenberg** has a Master of Science in Chemistry from the University of North Carolina. Having taught advanced chemistry in high school and currently working as a research chemist at the University of Texas, she tutors AP Chemistry students in the Austin, Texas, area.

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About the Author

ANGELA WOODWARD SPANGENBERG has a Master's of Science in Chemistry degree from the University of North Carolina. Having taught advanced chemistry in high school, she works as a research chemist at the University of Texas and tutors AP Chemistry students in the Austin, Texas, area.

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