



Chemistry, 10e (AP[®] Edition Update)

Tenth Edition, ©2023
Zumdahl, Zumdahl, DeCoste
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The 10th Edition, AP Update of Steven and Susan Zumdahl's CHEMISTRY brings together the solid pedagogy, easy-to-use media, and interactive exercises that today's teachers need for their AP chemistry course. Rather than focusing on rote memorization, CHEMISTRY uses a thoughtful approach built on problem-solving. Continuing the high-quality pedagogy of previous editions, the authors include an emphasis on critical systematic problem solving, critical thinking questions, and digital interactive examples in OWLv2 to help students learn how to approach and solve chemistry problems. Students are provided with the tools to become critical thinkers: to ask questions, to apply rules and develop models, and to evaluate the outcome. In addition, Steven and Susan Zumdahl crafted ChemWork, an online program included in OWLv2 to support their approach, in a way teachers would offer one-on-one help to students. Numerous other study aids available with CHEMISTRY support student learning including a strong emphasis on models, real world applications, visual learning, and independent problem solving.

OWLv2 Online Resource

The most powerful online learning solution for chemistry includes flexible student and instructor functionality, personalized study tools, increased mobile compatibility, and powerful analytics.

- Fast Track to a 5 Test Prep embedded into the eBook and digital assignments in OWLv2
- Mastery learning provides unlimited practice on each concept and skill
- Chemist developed content
- Integrated MindTap Reader eBook

Updated AP Support for the latest AP Chemistry Course Frameworks:

- Updated in-book AP correlations and end-of-chapter AP-style questions
- New AP Free Response Questions
- Fast Track to a 5 Student Test Prep Workbook (print and digital in OWLv2)
- AP Teacher's Resource Guide
- AP Lab Manual
- Teacher's Resource Manual for AP Lab Manual
- Test Bank for AP Chemistry
- General resources
 - Annotated Teacher's Edition
 - Student Solutions Manual
 - Inquiry Based Learning Guide
 - Study Guide