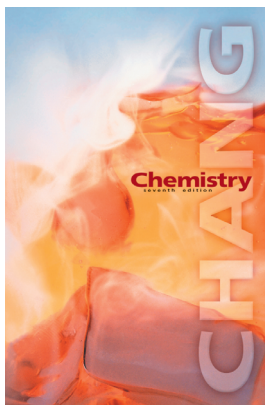
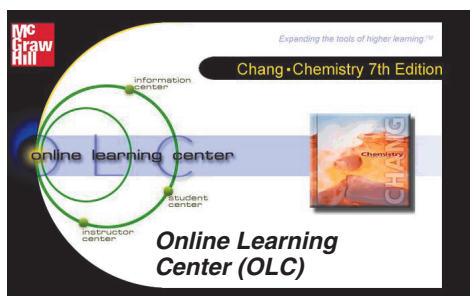


Media Walkthrough

This section highlights the electronic media that supports *Chemistry*, Seventh Edition, and shows how the entire package fits together. Use the pieces that work best for you, or use them all! See pages xxiv-xxviii for complete descriptions of print and media products.



The textbook is the foundation for all of the course tools. Use the printed text or the e-Text. The e-Text includes many of the tools that follow, or hotlinks to them.



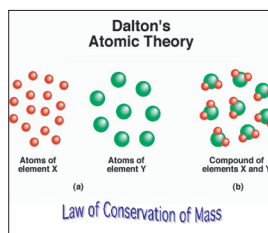
Instructor's Online Learning Center (OLC) is a secure, book-specific website. The OLC is the doorway to a library of resources for instructors.

The OLC is also the doorway for students to access almost all of the media for *Chemistry*, Seventh Edition. The OLC includes self-assessment quizzes, resources, key-term flashcards with audio pronunciation, and more. Read on!

Instructor Media



The guide explains what is available and gives suggestions for using media effectively in the classroom.



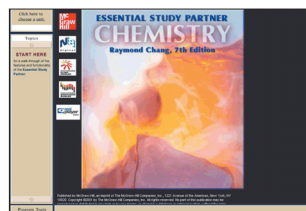
PowerPoint Presentation, organized by chapter and section, is ready for the classroom, or you can customize your lecture. This is an exciting lecture that goes beyond the presentation provided on the *Chemistry*, Seventh Edition, VRL.



Content available specifically for WebCT users includes:

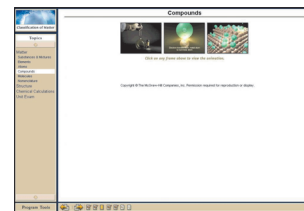
- Interactive Student Study Guide
- Reading quizzes
- Homework questions

Student Media



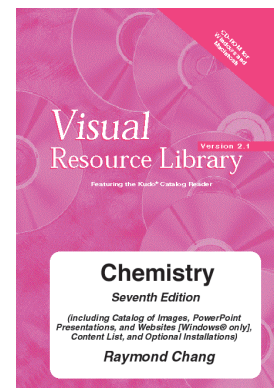
Essential Study Partner (ESP)

The Essential Study Partner (ESP) is just that—the essential tool for review, interaction, and self-assessment! Students can access the entire ESP, or the ESP by chapter for *Chemistry*, Seventh Edition, to work through a basic review of core concepts in ten units.



ESP animations allow students to really see the activity behind chemical concepts.

Also included in the e-Text.

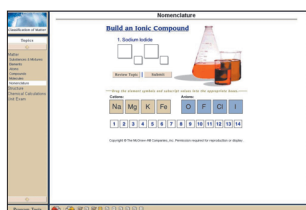


All of the following tools are available on the OLC or in a cartridge for your course delivery system:

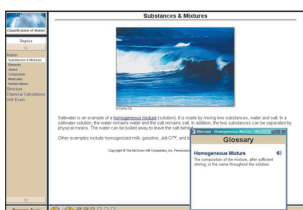
- Chemistry, Seventh Edition, Test Bank
- Instructor's Solutions Manual (odd problems from this manual)
- Instructor's Manual
- Visual Resource Library images
- Instructor narratives for select animations
- Essential Study Partner link to home page
- FAQ list for Chemistry Animations VRL

CD-ROM set includes over 300 animations that can be used directly from the CD or imported into your own lecture presentation.

CD-ROM set includes electronic files of all full-color images in the text. Import the images into your own presentation, or use the PowerPoint presentations provided for each chapter.

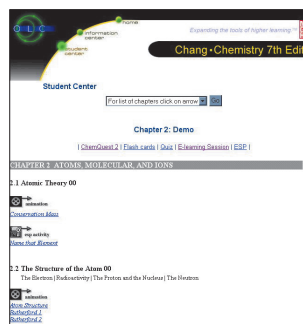


ESP interactives encourage students to test comprehension, and provide a fun way to review concepts.

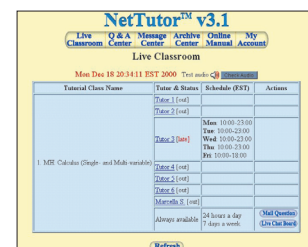


ESP key terms include pop-up definitions and an audio pronunciation, so students can hear the language of chemistry.

Also included in the e-Text.

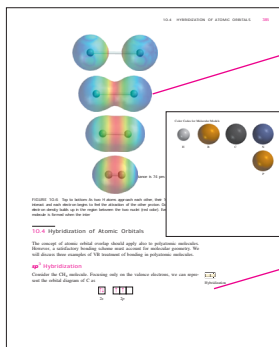


e-Learning sessions are based on the Chemistry, Seventh Edition, text outline, and include animations and interactives from the ESP. This provides an easy, visual review of chapter content. Each animation in the e-Learning session includes a short quiz.

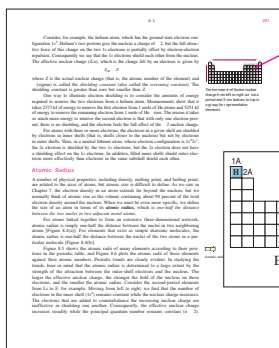


Click on NetTutor when you need extra help with an end-of-chapter problem.

Text Walkthrough

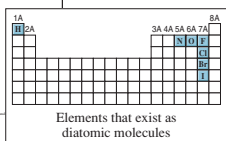


Art Program: Art throughout the text is enhanced with molecular art images created by Raymond Chang using the Spartan molecular modeling program. These images enable students to gain a better understanding of the three-dimensionality of molecules and the details of chemical reactions. Much of the art program is revised or new with an emphasis on pedagogical use of color.

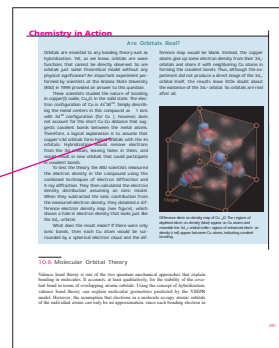


Animation icon: This new icon points to material that is further illustrated by an animation. Students can use the animations to review challenging concepts in motion. Twenty-nine animations are referenced.

Periodic Table icon: This new icon illustrates the properties of elements according to their positions in the periodic table.

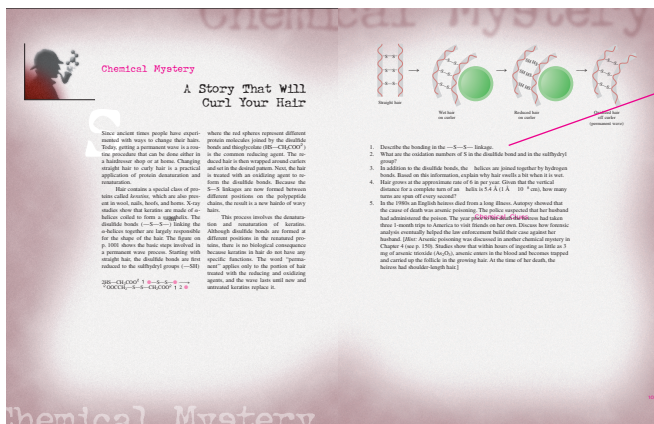
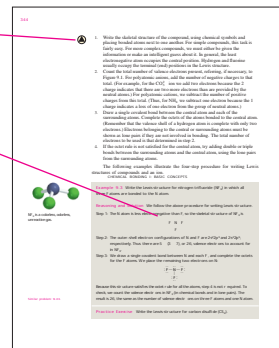


Chemistry in Action: New "Chemistry in Action" essays have been added and many others have been updated.



Pedagogy icon: Step-by-step explanations of problem-solving strategies are highlighted by a special icon in the margin.

Worked Examples and Practice Exercises: Careful study of the solved, numbered examples in the body of each chapter will help to develop students' problem-solving skills. The Practice Exercise that follows each worked example allows students to check their ability to solve the type of problem illustrated in the Worked Example. Answers to the Practice Exercises can be found at the very end of the chapter, following the Questions and Problems. The number of a Similar Problem is shown in the margin next to the Worked Example to encourage additional practice. Many Worked Examples have been revised to more clearly show steps in problem-solving.



Chemical Mysteries: These readings help develop and enhance students' problem-solving skills, especially with respect to non-mathematical, conceptual problems. "Chemical Clues" give students an opportunity to apply chemical principles and techniques to solve the mysteries. Some clues require the synthesis of material in more than one of the preceding chapters, and others challenge students to extend their knowledge beyond what is presented in the book. This new edition of Chemistry contains ten Chemical Mysteries.