

"Is the traditional printed text headed toward extinction?"

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Chiral Publishing Company

preparatorychemistry.com/2YC3_March_2012_text.pdf





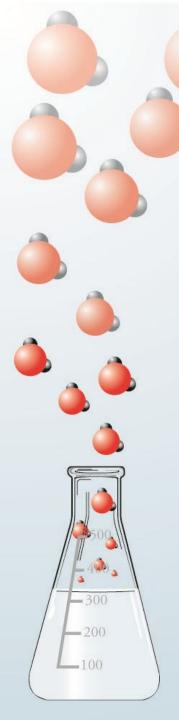
- Textbook intended for use in beginning chemistry courses that have no chemistry prerequisite...for students who are
 - preparing themselves for general college chemistry.
 - seeking to satisfy a science requirement for graduation.
 - in health-related or other programs that require a one-semester introduction to general chemistry.
 - taking high school chemistry.

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- Originally published by Benjamin Cummings in 2002
- Now published by Chiral Publishing Company with a new model for distribution.
 - Traditional printed text
 - Two versions of the text and all of their tools are freely available on the Internet in PDF form. (preparatorychemistry.com)
 - WebAssign electronic text/tools/homework package
 - Audio version also available on the Net.
 - eBook (EPUB) for iPad and Android devices





- Moved unit conversions to Chapter 8, immediately before chemical calculations in Chapters 9 and 10
- Brief introduction to elements, atomic theory, compounds, and chemical bonding in Chapters 2 and 3 with more in Chapters 11 and 12
- Early description of chemical reactions in Chapters 4-6

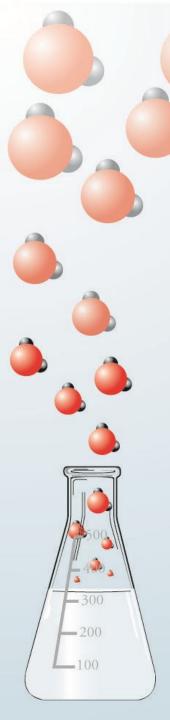
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http://preparatorychemistry.com/Bishop Chemistry First.htm



- Early introduction to unit conversions in Chapter 2
- More complete description of elements and atomic theory in Chapters 3 and 4
- More complete description of chemical bonding and compounds in Chapters 5 and 6
- Chemical reactions described in Chapters
 7-9

http://preparatorychemistry.com/Bishop Atoms First.htm





- Option 1: Students who want a regular printed copy of the text can purchase one from my website for \$69.95, including shipping.
- Option 2: The text can be purchased from school bookstores for a list price of \$79.95.
- Option 3: The WebAssign electronic text/tools/homework package can be purchased for \$40.

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 Option 4: Students can purchase a WebAssign/printed-text bundle for \$109.95.

 Option 5: Students who have easy access to the Internet and who feel comfortable viewing the text on a computer, iPad, or Android device are asked to pay \$20 for that privilege.

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http://preparatorychemistry.com/

Ways to get text (cont.)

- Option 6: If \$20 creates a significant financial hardship, the Internet versions of the text and tools can be used for free.
 (This is on the honor system. Students can decide on their own about whether they can afford the \$20 payment.)
- Option 7: For \$49.95, students who want the website on their own computers can purchase a DVD that contains all of the website files. This includes two versions of the text and all of the supporting tools.

Ways to get text (cont.)

- Option 8: I'm offering a 5-year unrestricted site license for the electronic version of my work. The cost is \$20 times the expected annual enrollment.
 - For example, if a school expected 50 chemistry students a year to use the electronic book, the cost would be \$1000, which would allow 250 students (50 per year for 5 years) to use the book. It includes a website DVD, an instructor CD, a regular printed textbook, and a student study guide.



http://preparatorychemistry.com/

http://preparatorychemistry.com/Bishop_versions.htm

www.webassign.net/bishop

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http://preparatorychemistry.com/Bishop info.htm

preparatorychemistry.com/2YC3_March_2012_text.pdf



- Free or \$20
- Identical format to printed text
- Links to tutorials and animations
- Full text search
- If the user owns Adobe Acrobat, it's possible to do many things, including
 - Adding comments
 - Having the text read out loud

http://preparatorychemistry.com/Bishop_Atoms_First.htm

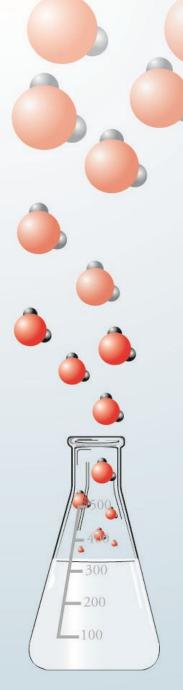
http://preparatorychemistry.com/Bishop_Book_atoms_7.pdf





- Homework problems linked to
 - the PDF version of the textbook section that explains how to work the problem.
 - The audio presentation for that section
 - Tools, such as animations, that support the problem

http://webassign.net/





 Go to one of these links. The first link is for the atoms-first version, and the second is for the chemistry-first version

http://preparatorychemistry.com/Bishop_iBook.htm http://preparatorychemistry.com/Bishop_iBook_CF.htm

Follow the instructions on the screen.

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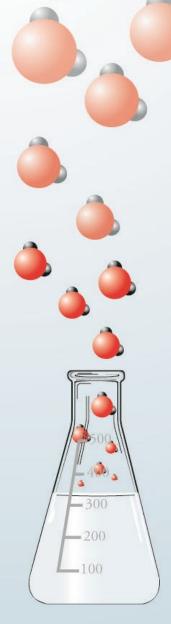
- Free or \$20
- Convenience...the tablet is lighter
- Ability to change font size
- iPad (others do similar things)
 - Highlighting
 - Definitions
 - Search Wikipedia
 - Leave notes
 - Search document



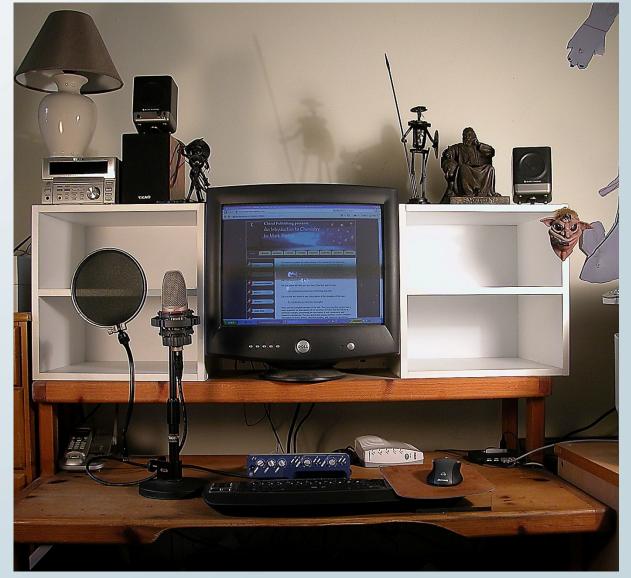


- Layout program and for creating EPUB (InDesign)
- Photo manipulation software (Photoshop)
- Drawing Program (Illustrator)
- Acrobat
- Web site creation software (Dreamweaver or other)
- Animation software (Flash)
- All of these tools come bundled as Adobe's Creative Suite 5.5 Design Premium, which includes InDesign, Photoshop, Illustrator, Acrobat, Flash, Dreamweaver, and other components. It's \$438.95 for educators at the Academic Superstore.

http://www.academicsuperstore.com/



Making Audio Files



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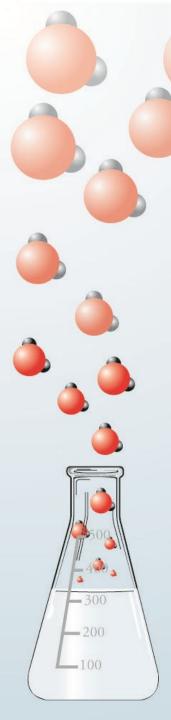


- Microphone (with stand and shield)
 - AKG C 3000 microphone (\$299 at Musician's Friend).

http://www.musiciansfriend.com/

- USB audio interface and audio file manipulation software
 - I use Digidesign's MBox 2 with Pro Tools LE (educational edition: \$349 at Musician's Friend).

http://www.musiciansfriend.com/



More Information About My Project

http://preparatorychemistry.com/Bishop info.htm

http://preparatorychemistry.com/Bishop Chemistry Strengths.htm

