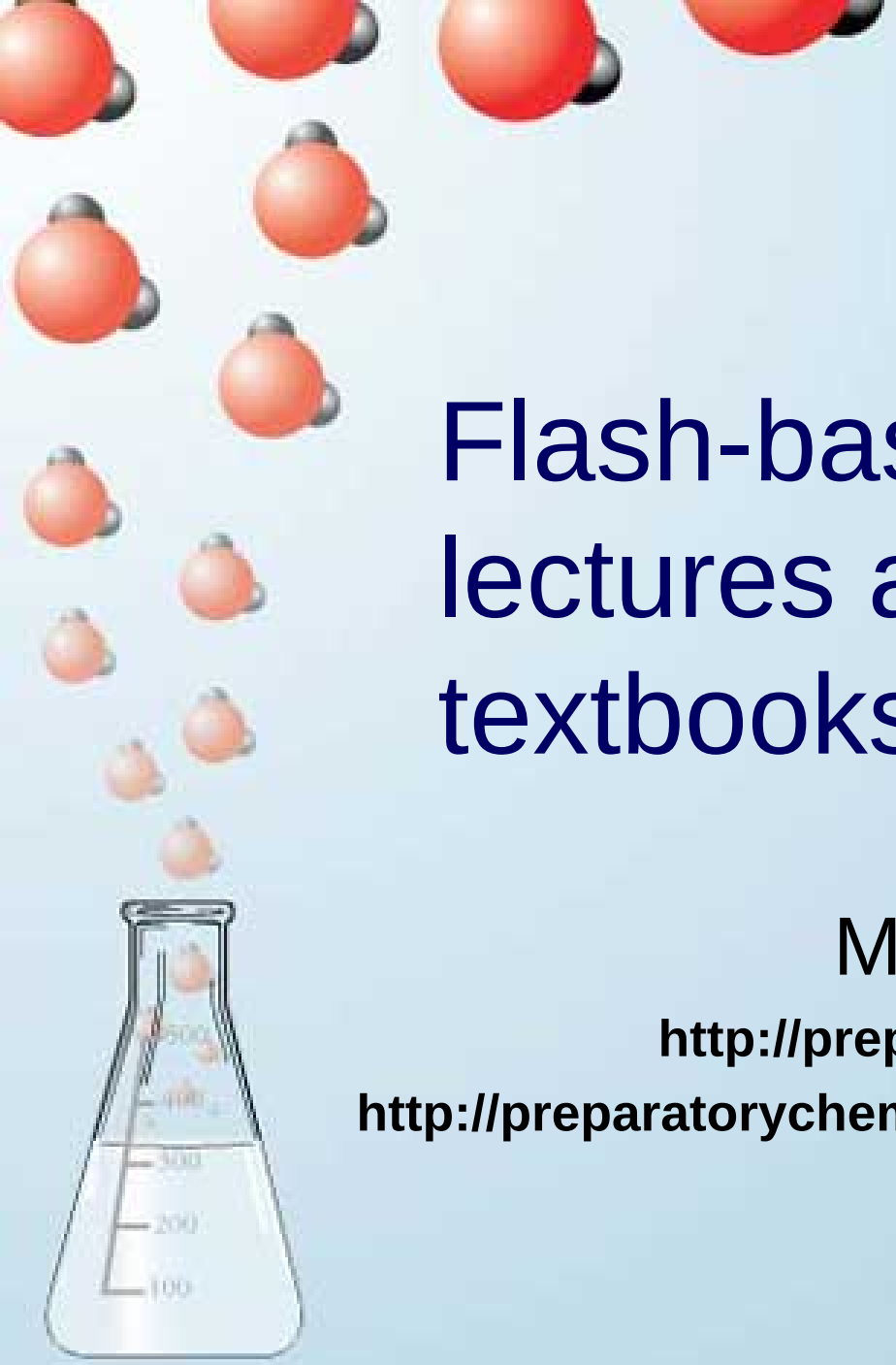


Flash-based audio lectures and audio textbooks for the Internet

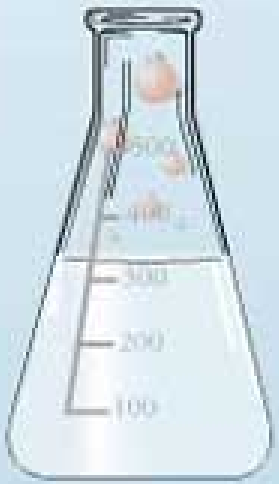
Mark Bishop

http://preparatorychemistry.com/

http://preparatorychemistry.com/Bishop_BCCE_2008.htm

An Introduction to Chemistry by Mark Bishop

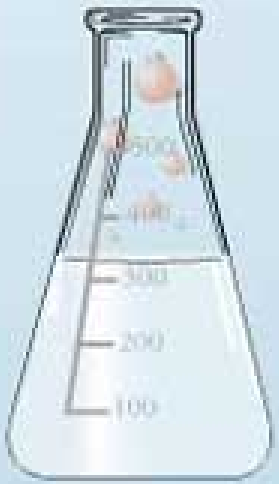
- Textbook intended for use in beginning chemistry courses that have no chemistry prerequisite…for students who are
  - preparing themselves for general college chemistry.
  - seeking to satisfy a science requirement for graduation.
  - in health-related or other programs that require a one-semester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



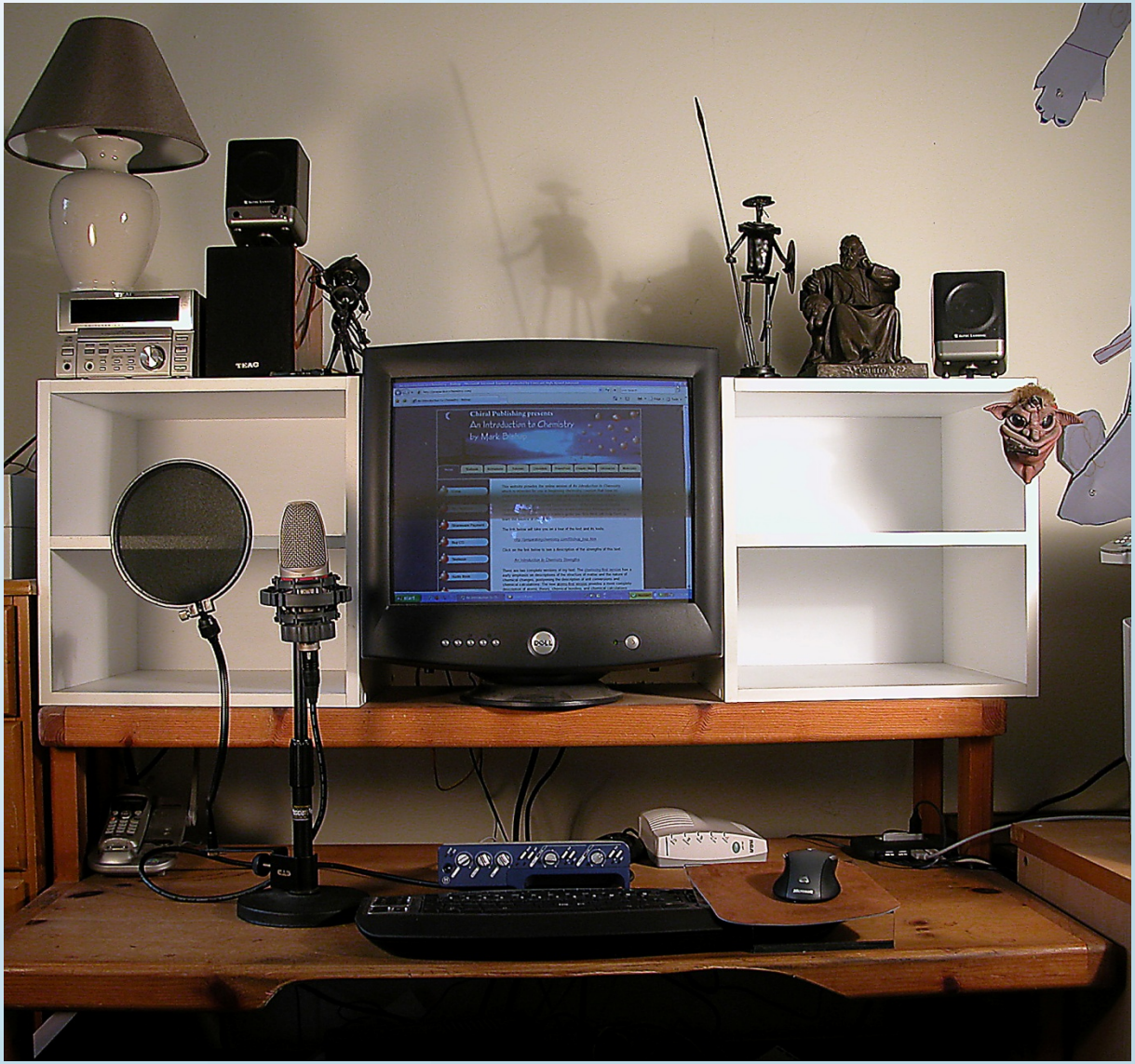
History

- 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.
  - Audio presentations for each section of both versions of the text are also available on the Net.

http://preparatorychemistry.com/



Making Audio Files

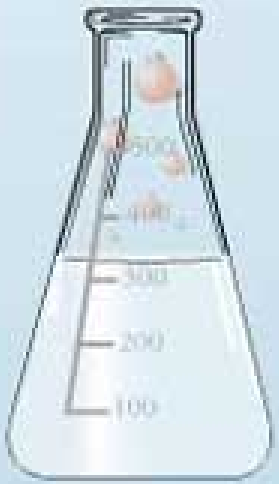


Tools for Audio Files

- Microphone (with stand and shield)
  - I use an AKG 3000 B microphone ($349 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 ($449 at Musician's Friend).

http://www.digidesign.com/index.cfm?langid=1&itemid=4893

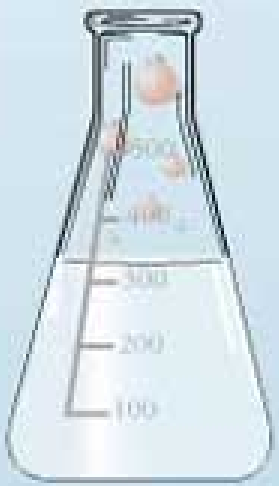


Web Tools

- Adobe Flash
- Web site creation software (Dreamweaver or other)
- Drawing Program (Illustrator)
- Photo manipulation software (Photoshop)

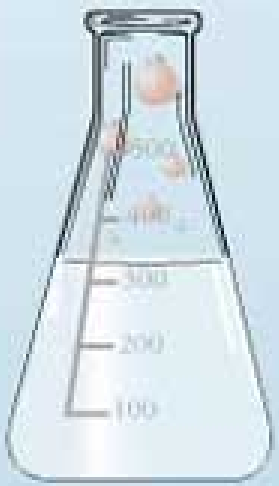
All of these tools come bundled as Adobe's Creative Suite CS3 Web Premium, which includes Flash, Dreamweaver, Illustrator, Photoshop, and other components. It's $495.95 for educators at the Academic Superstore.

http://www.academicsuperstore.com/



Sample Files on CD or preparatorychemistry.com

- If you have Flash 8 (CS2), open the file Section_7_3_atoms.fla. (144 MB…be patient if you're downloading from the Net.)
- If you have Flash 9 (CS3), open the file Section_7_3_atoms_CS3.fla. (78 MB)



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