

Thanks for coming!

A great variety of people...private and public sector, academia, NSF...

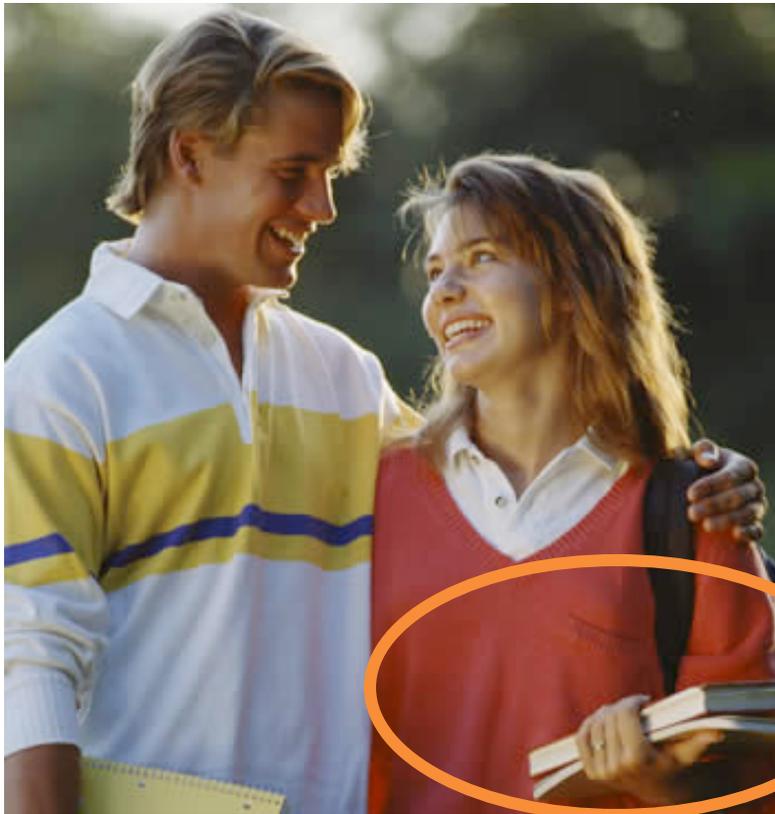
Engineering, Earth science, Education, Math, Computer Science, Biosciences, Physics, Chemistry, Astronomy, Astrophysics, and Technology

POP UP INTRODUCTIONS

Workshop support from NSF Div. of Undergraduate Educ., DTS

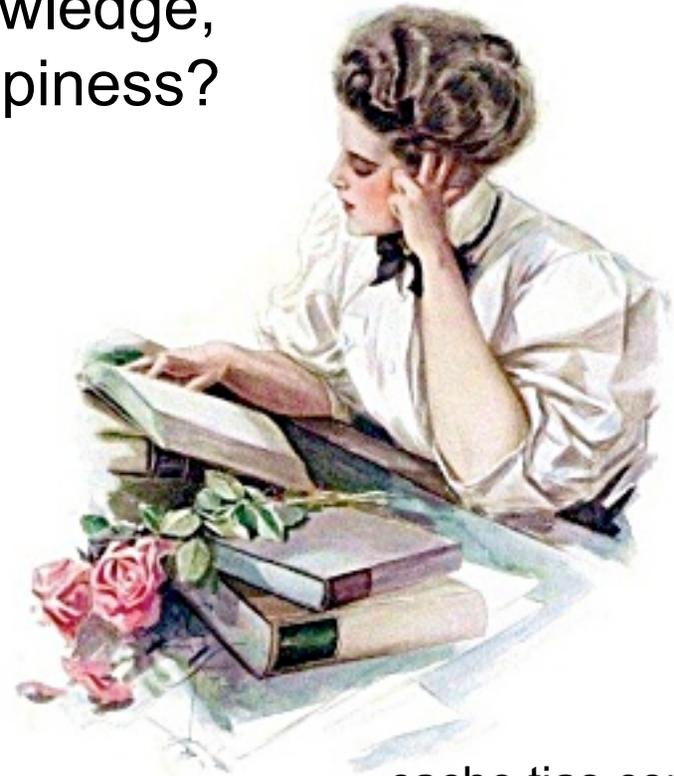


“Reconsidering the Textbook” WHY?



textbook.com

Icon for education,
knowledge,
happiness?



cache.tias.com



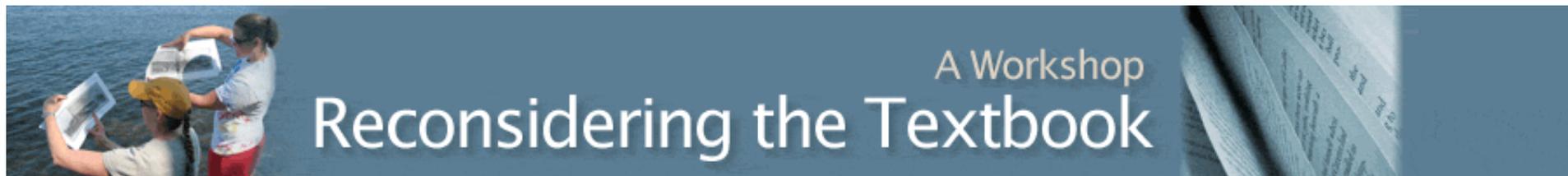
Textbooks are important societal icons

This textbook contains material on evolution. Evolution is a theory, not a fact, regarding the origin of living things. This material should be approached with an open mind, studied carefully, and critically considered.

*Approved by
Cobb County Board of Education
Thursday, March 28, 2002*

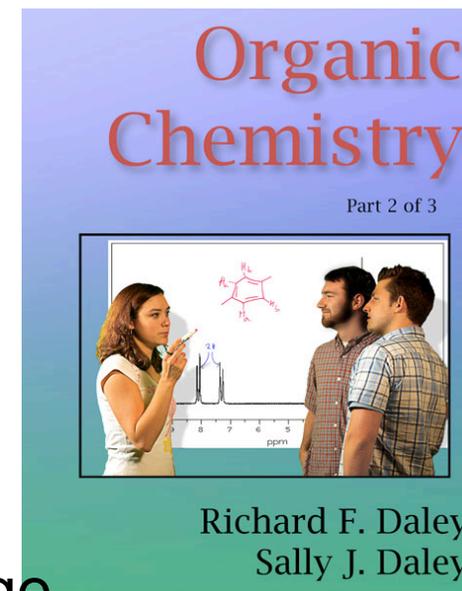
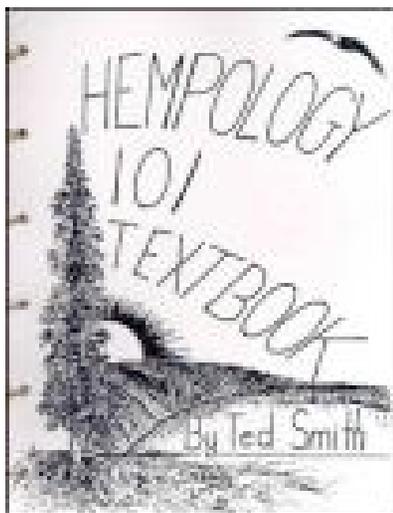
Colin Purrington

Sticker attached to Biology Textbook, From the web site of Colin Purrington, Swarthmore College, Biology



A means for the collection and transfer of information

www.hempology.com

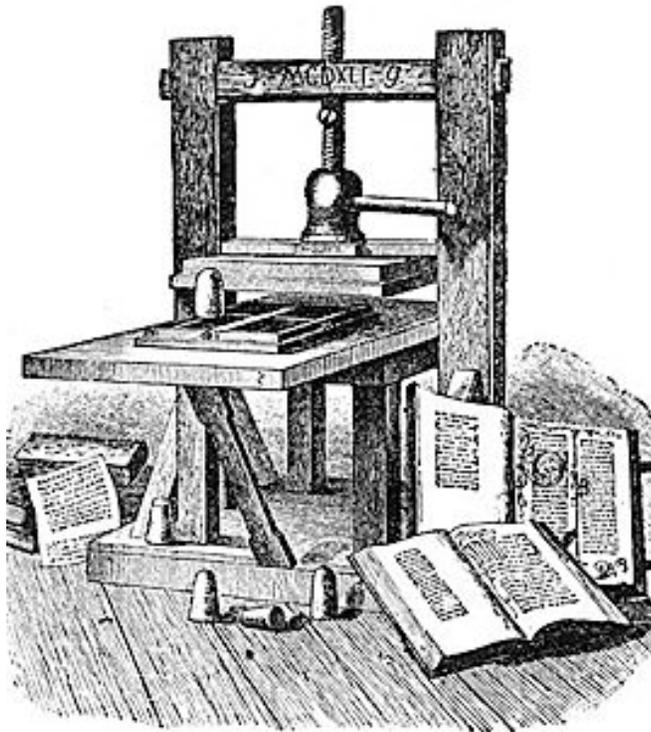


Systemic collections of knowledge
National and international distribution
Peer-reviewed

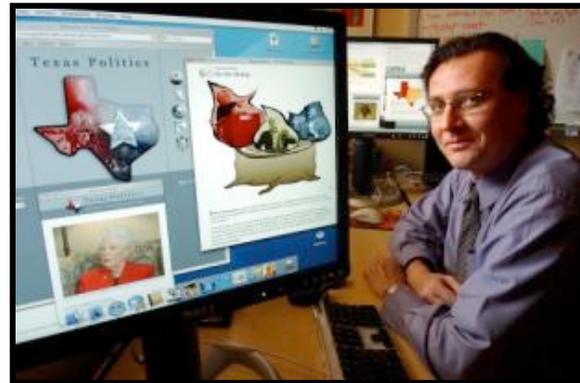
www.ochem4free.com

A Workshop
Reconsidering the Textbook

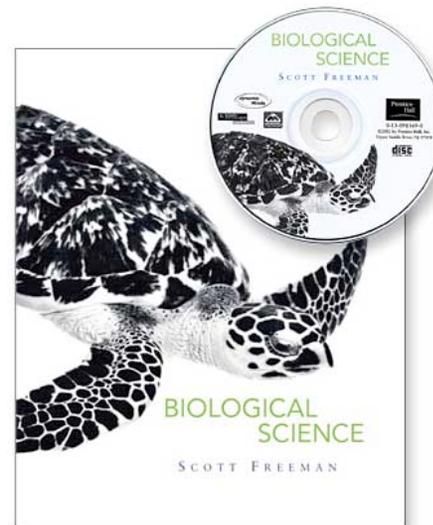
What is a “textbook” these days?



www.tiscali.co.uk



<http://img.coxnewsweb.com>



www.papageno.com



www.advertisingballoons.com



What is the student view on textbooks?



Insufficient firewood
this Christmas?.....

Don't fret!
There's always enough!

From a 20 year old Junior College student

fangtk2.tripod.com



Goals of the Workshop

- 1. Understand the current alignment** or misalignment of textbooks, electronic resources, and inquiry-based Science, Technology, Engineering, and Math (STEM) education
- 2. Look into the future and imagine** what the most effective mix of learning resources might look like
- 3. Disseminate this knowledge and vision** to the rest of the community to catalyze change.



A Workshop Reconsidering the Textbook

Workshop Outcomes

- **A community of people** excited to carry back to their disciplines, firms, and campuses the discussion we begin here.
- **Collection of ideas and information** to enable **drafting of a white paper** reflecting diversity of community opinion.



A Workshop Reconsidering the Textbook

Workshop Design

- **Short Catalytic Speakers** and questions
- Longer **Breakout Discussions**
- Formal and informal discussion and **community building** at meals
- **Archiving** of personal and group ideas
- Plans and information for **dissemination**



How it will work...

- **Breakouts** for discussion
- Collect individual **written responses**
- Create and present **digital summaries** from each breakout
- **Dissemination** - sessions, white paper





A Workshop Reconsidering the Textbook

Logistics

- Catalytic Speakers will **facilitate** breakouts
- Need **volunteer** note takers (with lap tops)
- **Schedule** in packet (will try to keep on time, please be ready to start)
- On going **assessment** (now, lunch, final)



A Workshop
Reconsidering the Textbook



Diane Ebert-May

Professor of Plant Biology
Ph.D.(University of Colorado)



“Evidence of Learning”