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?

Icon for education, knowledge, happiness?
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

Sticker attached to Biology Textbook, From the web site of Colin Purrington, Swarthmore College, Biology
A means for the collection and transfer of information

Systemic collections of knowledge
National and international distribution
Peer-reviewed
What is a “textbook” these days?

http://img.coxnewsweb.com

www.tiscali.co.uk

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
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.
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.
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
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)
Diane Ebert-May
Professor of Plant Biology
Ph.D.(University of Colorado)

“Evidence of Learning”