

***From Data to Understanding:***  
*Navigating Informational Spaces in the  
Age of Overwhelm*  
by **David Thornburg Ph.D.**

*During this workshop you will:*

- ? Learn about the amazing power of mass media and the growth of raw data bombarding us from multiple sources (*hint: it's even worse than you think!*),
- ? Understand the perceptual modes of today's youth, and learn how to address these modes in everyday teaching (*how many screen names do YOU have?*),
- ? Come to grips with the blessing and curse of hypertext and the World Wide Web (*are you happy getting 28,763 responses to every query?*),
- ? Explore the elements of data gathering and refinement, no matter the source or medium of expression (*Yes, books are media too!*),
- ? See tools to unleash the power of student-created media, especially images and movies,
- ? Learn a strategy for helping students turn data into information, and explore the informational domain (*effective presentation strategies are shared!*),
- ? Learn tools and strategies to turn information into knowledge, and explore the nature of knowledge (*the power of storytelling applies at all ages*),
- ? Learn how to turn knowledge into understanding (*multimedia and metacognition, anyone?*) AND,
- ? Explore the topic of wisdom and its role in the K-12 curriculum.

**For more information and to register:**

Contact:

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Date: **June 14, 2004**

Time: **8:30—4:00**

Event Fee: **\$150 per person**

Lunch included

Discounts available for groups of 5 or more from one school.

Location

**Milken Community High School**

15800 Zeldins' Way at Mulholland Dr.  
Los Angeles, CA 90049

Phone: 310-440-3500

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**Milken Community  
High School**  
in association with  
**The Thornburg Center for  
Professional Development**

presents

Pragmatic Vision -  
A Special Day with  
The Thornburg Center

**June 14, 2004**

**THORNBURG**  
**C E N T E R**



Pragmatic Visionaries

# Pragmatic Vision - A Special Day with The Thornburg Center



Join renowned educational author and futurist **Dr. David Thornburg** and his associates in an intimate setting for a

day full of ideas you can use and pragmatic visions designed to inspire your school's future.

The day will consist of a keynote address, "From Data to Understanding," by Dr. Thornburg; breakout sessions by Thornburg, Lynell Burmark and Gary Stager; lunch and a closing panel in which the Thornburg Center team will engage the audience in lively thoughtful discussion.

## ***Get the Picture!***

*Strategies for More Visual Teaching & Learning*

**By Lynell Burmak, Ph.D.**

The research is in. Visual aids have been found to improve learning by up to 400%! Humans process graphics 60,000 times faster than text! The signs are everywhere - if you can read them: pictures, graphics, images of every kind. It's no longer enough to read and write text.

In today's world we must learn to process both words and pictures, and be able to move gracefully and fluently between text and images, between literal and figurative worlds.

In this practical seminar, see how visuals can enhance and accelerate classroom instruction and prepare students for a life where the primary vehicle for communication (the Internet) is based on a graphical interface and where a business' value is determined by the quality of its visual representation.



## ***Computing Like You Never Imagined***

**By Gary Stager**



While much attention has been paid to informational aspects of educational technology computing offers untapped potential for learning and human expression.

Robotics, music composition, digital movies, streaming radio, simulations and software design are within the reach of teachers. Computing provides an authentic context for students to construct knowledge through the explicit act of making things. Children engaged in thoughtful projects might impress citizens desperate for academic rigor.

Emphasizing the use of computers as intellectual laboratories will make life easier for teachers, more exciting for learners and lead schools into what should be education's golden age. Close the imagination gap through the exploration of provocative examples created by all sorts of kids.