Special 10th Anniversary Meeting Preview

Council for Logo & Technology in Mathematics Education (CLIME)

—An affiliate group of NCTM—

Dateline - San Diego. CLIME celebrates its 10th anniversary!

Date: Thursday, 25 April 1996
Time: From 5pm to 7pm
Place: Hyatt Hotel - San Diego
- Regency Ballroom A

We will be taking a trip down memory lane reliving important milestones in the evolution of technology applications. Our presenters have had at least a 10 year perspective on technology and software applications. We will also be looking at present and future developments. Here is a list of the presentations:

"The Evolution of Dynamic Geometry" - Bill Finzer & Nick Jackiw

We'll trace the evolution of dynamic geometry software from its roots through to its branches, from the triangle through five-point conic, from geometry through geometric modeling and we'll look at what should come next.

"From Magic Slate to Measurement in Motion Evolving Exploration Tools" - Marge Cappo

This session will introduce participants to Measurement in Motion, a tool that enables students to investigate relationships of time and space by placing measurements (lines, angles, area) on movies in their Macintosh. Measurement in Motion is an interactive software package that allows users to define measurements on QuickTime movies, and then analyze them through the many built-in graphs, tables, and statistical tools. Measurement includes over 40 movies, providing abundant opportunities for investigating the mathematics of real-world situations. Users can also add their own movies to create unique investigations for math and science curricula. "Investigation webs" link related investigations which focus on a single topic. Several webs are currently available: one exploring speed, distance, and time problems, the second exploring area and one on Life Science. Results of students work with Measurement in Motion will be shown.

Visit our new website: http://forum.swarthmore.edu/clime

"We're Right, They're Wrong - Reflecting on a Decade of Logo-use" - Gary Stager

Against a backdrop hype, hysteria and noise about new software, educators and kids around the world continue to learn with Logo. Contemporary versions of Logo, such as MicroWorlds, fulfill the thirty year promise of creating a software environment in which kids can construct their own knowledge. MicroWorlds improves the potential for students to develop mathematical thinking while working on projects of personal significance. This presentation will highlight the important role Logo plays in thinking about the future of educational technology and use the experiences of Logo-using teachers to suggest a more successful path to classroom implementation. We will explore why math classrooms are still not ready for Logo and share exciting examples of how MicroWorlds enhances mathematical learning.

Highlights of this Preview

- **CLIME Meeting Details**
- **What's up with Technology in San Diego?**
- **CIESE's Top Ten technology-based Lessons**