

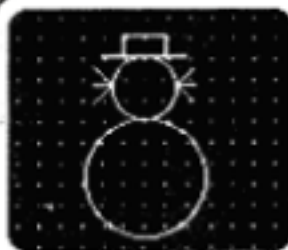
What is CLIME?

CLIME is the Council for Technology in Math Education which is an affiliate group of NCTM and has been since 1988.

Affiliates are independent organizations that play a specialized role at the grassroots level and have goals that align with the mission of the National Council of Teachers of Mathematics (NCTM). Most Affiliates are organized by geographic region, although some Affiliates-at-Large are organized around a specific topic in mathematics education.

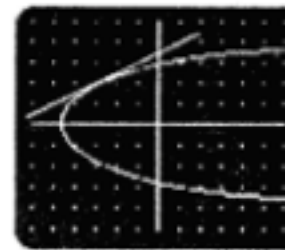
<https://www.nctm.org/Affiliates/Directory/>

CLIME is not CTIME because we started out in 1987 as the Council for **Logo** in Mathematics Education and our founding and affiliation with NCTM (in 1988) was inspired by the work of **Seymour Papert** whose ideas continue to resonate for so many of us. As a result, we keep the original acronym as an acknowledgement of his guiding spirit.



Newsletter

Council for Logo in Mathematics Education



Volume 1 Number 1

March 1987

CLIME Is Launched!

The Council for Logo in Mathematics Education is now a reality. The Council's Constitution is reprinted on page 5. Members of the Organizing Committee and Officers of the Council are listed below. Special thanks to all those who have given generously of their time and effort.

Reflections

Logo in the real world....

By Ihor Charischak

Looking over the papers in the program of the forthcoming NCTM Annual Meeting, I noticed the presenters liked to use words such as "tricks", "motivate", "games", and "manipulatives" in their titles. It sounded like preparations for a pep rally. And in a sense it was. The meeting is an event teachers attend to get their batteries recharged.

One reason batteries run low is the feeling many teachers have of feeling trapped by the curriculum. Often I have heard said, "I would

continued on page 2

From the Editor

The purpose of this Newsletter parallels that of the Council. It is to enhance the effectiveness of our teaching of mathematics through the use of the Logo language and the teaching philosophy it has come to represent. It is to recognize clearly what our needs are, and to provide responses in useful form. As editors, we intend to report on relevant research, activities, seminars, and publications, as well as encourage discussion of ideas, contexts, methods, curricular components, and policies that channel our enthusiasm for Logo into more effective mathematics teaching.

In this issue, Ihor Charischak leads off with a major point. In

"Orbits", he demonstrates it is possible to be more *interesting*. It is possible to set up the "aha's" of discovery, in very simple contexts. It is certainly one of our aims to help make this a routine occurrence.

Richard Binzinger shares his insights with us after four years as computer coordinator in a K-12 school teaching Mathematics with Logo in a laboratory setting. He addresses some practical and policy aspects of what has turned out to be a slow process of encouraging the teaching of math with Logo among his colleagues.

Your editor describes his own

continued on page 2

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March, 1987

*invites you to participate in their 9th annual
meeting focusing on*

LEARNING
MATH WITH
TECHNOLOGY
IN THE 21ST
CENTURY

Thursday, April 6th
4:30-6:30 PM
Gardner Room
Sheraton Hotel
Boston, MA

Hl gh l ghts

Presentations

- **Seymour Papert** *Math Learning in the year 2020*
- **Chris Hancock** *Tabletop by TERC*
- **John Olive** *Internet in the Math Classroom*
- **Doug Clements** *New Logo Software*
- **Robert Berkman** *VideoVignette: Logo Software & Spreadsheets*
- **Toby Caplin** *VideoVignette: Geometry Inventor*

And More....

- Affiliate group matters, election of officers and CLIME's future direction.
- Also on the table is to discuss what role CLIME might play in influencing NCTM in regards to the Internet revolution. How should we approach NCTM?

This promotion is brought to you by the Council for Logo & Technology in Mathematics Education, 10 Bogert Ave., White Plains, NY 10606. (914) 946-5143. Lew Romagnano, President. Ihor Charischak, Editor.

*For more information contact Ihor Charischak at 914-946-5143 or
icharisc@stevens-tech.edu. Please post or share with a colleague!*

1995

What role CLIME might play in influencing NCTM in regards to the Internet revolution. How should we approach NCTM?

1996

Daryl Sternom's Trailer and beyond.



Daryl in 2010

2008-2015

CLIME Goals

- Encourage and lobby NCTM to keep technology on their “front burner” in mathematics education.
- Members make technology & math presentations at NCTM's annual meetings.
- Support a technology-focus blog which includes an annual tech preview for the sessions at annual NCTM conferences.
- Participate in NCTM affiliate group caucuses and the Delegate Assembly.

Good News: NCTM Gets it!

NCTM:

1. reinvigorated their website
2. are appealing to young teachers by supporting MTBoS





**2015 NCTM REGIONAL
CONFERENCES
& EXPOSITIONS**

ATLANTIC CITY • MINNEAPOLIS • NA

Game Changers: Rethinking the Way We Teach Math from the Math Twitter Blogosphere

 [NASHVILLE](#)  [LEAVE A COMMENT](#)

Graham Fletcher, Robert B. Kaplinsky, Laila Nur, Andrew Stadel, and Cathy Yenca

• Opening Session

Wednesday, November 18, 2015 | 5:30-7:00 p.m.

Broadway Ballroom (Omni Nashville)

With the growth of the Web 2.0 tools and online communities like the Math Twitter Blogosphere (MtBoS), there is a tremendous opportunity for continuous improvement of teaching practices, sharing of lessons, and suggestions for improvement. This opening session features the perspectives of five such educators from the MtBoS community whose work using Twitter, blogs, and Web 2.0 tools is transforming mathematics teaching and changing the way students think and learn about mathematics. Come join this exciting mathematics community.

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CLIME Connections

CLIME is the Council for Technology in Math Education - an affiliate of NCTM since 1988

Wednesday, March 2, 2016

CLIME Conference Preview: NCTM in San Francisco (April, 2016)



Technology sessions - San Francisco NCTM Conference

Ever since I read Dan Meyer's blog titled "NCTM Gets it" my optimism about the future of NCTM annual conferences returned. In his blog Dan highlights NCTM's interest in recruiting young teachers into their

fold by supporting the MTBoS (mathblogosphere) initiative. For the first time an NCTM president, Diane Briars, engaged in what the Twitter-types refer to as a "tweetup." Also at the regional conference in Nashville the keynote presentation was "Game Changers: Rethinking the Way We Teach Math from the Math Twitter Blogosphere" This is a heady, Bernie Sanders-like stuff. (Read about my optimism re NCTM [here](#).) So I was looking forward to the San Francisco program, especially coming up with

CLIME's mission is to

Empower math communities to improve the teaching and learning of math through the use of dynamic tools in a Web 2.0 world

Ihor Charischak



Watch @Climeguy promote Illuminations

Here's some data and analysis for this conference:

- ♦ There are 694 numbered sessions. Down from last year's 819.
- ♦ There were 118 sessions that highlighted the use of technology.
- ♦ That's 17% which is low in our opinion. The highpoint was the Philadelphia conference in 2012 when there were 38% tech sessions.
- ♦ NCTM listed only 60 sessions that had a technology theme.
- ♦ There were also 13 STEM sessions that were not included in our tech count.

NCTM Meeting in San Francisco
Technology-related Sessions
April 13-16, 2016

*For more details about each session click on the title.
Asterisked sessions were not included in NCTM's list of technology sessions.
If you would like to have your session highlighted in the next CLIME preview blog,
send a photo and any additional information about your presentation.*

Thursday, April 14, 2016

The Future of CLIME

CLIME (Council for Technology in Math Education) annual meeting.

Moderator: Ihor Charischak

Nob Hill C (Marriott) Th 6:00pm-7:00pm

12*

**Developing Productive Dispositions through Technology-Based Problems
Involving Algebra and Geometry**

M. Kathleen Heid

2022 (Moscone) Th 8:00-9:00

Keyword: Technology

Technology	28	ThinkLink	1
Graphing_calculator	8	Nearpod	1
Video	7	Tablet	1
BYOD	4	Smart_phone	1
Coding	4	Python	1
iPad	3	Online_tools	1
GeoGebra	2	Media	1
Google_Docs	2	MOOCs	1
Mathspace	2	Multimedia	1
Hand-held_technology	2	Mangahigh	1
Virtual_manipulatives	2	Dreambox	1
Gaming	2	Response_clickers	1
Video_games	2	CanFigureIt	1
Renaissance_learning	2	Core_Math_Tools	1
Flipped_classroom	2	Dynamic_Geometry	1
Twitter	2	Front_Row	1
Scratch	1	Illustrative_math	1
Singapore_math	1	Digital_library	1
Desmos	1	enVisionMath2.0	1
IXL	1	MathXL	1
Software	1	Go_Pro_head_camera	1
TI-Nspire	1	NCTM_resources	1
CBR	1	HP_Prime	1
ALEKS	1	Sketchpad	1
Edmodo	1	Hashtag	1
Haiku_Deck	1	Blogs	1



Shadowcon 2016

Friday, April 15, 2016:

5:00 PM-6:30 PM

Yerba Buena 7 (Marriott)

<https://nctm.confex.com/nctm/2016AM/webprogram/Session44773.html>

CLIME's Challenges 2016 and Beyond

Should the CLIME Story Continue?

CLIME Story (1986-2016)

CLIME Constitution & Steering Committee

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