

Presented by:
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Council for Technology in
Math Education
(CLIME)

<http://clime.org>

(Link to latest version of this
page)

[Sign in](#) for Today's
session

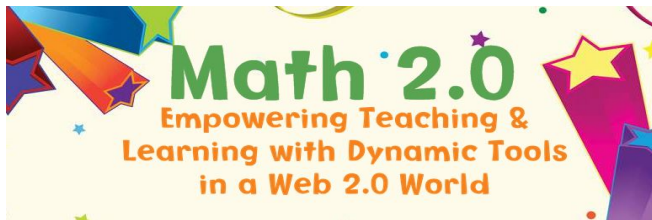
See [list of attendees](#)

*Come and see examples
of how Web 2.0 and
dynamic software can
transform math learning
and teaching.
Participants will
experience a series of
unique and compelling
collaborative activities
that incorporate
significant software
environments
(spreadsheets,
Sketchpad and Web
applets) that will help a
teacher to engage
students in gaining a
deeper understanding of
powerful mathematical
ideas.*

Resources

[Current list](#)
[DMC Blog](#)

[Road Sign Problem](#)



updated: 4/5/14

0 Set the Stage: Overview of Math 2.0

Warm-up video: [Hans Rosling's dynamic video](#) (4min)
Quicktime movie (10:40) of my slide presentation - [link](#) -
full audio to be added later. Will let you know when its
done. (Alternate site [link](#))

1 Jinx Puzzle

Pick a number, Add 11, multiply by 6, subtract 3, divide
by 3, Add 5, Divide by 2, Subtract the original number.
(Why is this called the Jinx puzzle?)
Blog entry - [link](#)
Jinx puzzle lesson - [link](#)

2 Average Traveler Activity

Today we are going to find out who traveled the average
distance to get to this conference. First we'll start off with
a guess. What do you think is the average distance that
the members of this group traveled today?
[Link to activity](#)
My blog entry about this activity - [link](#)

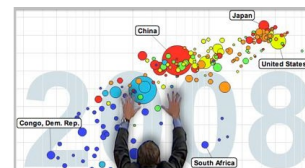
3 The Great Green Globes Challenge

What is the highest score you can get for this array of
Globes? ([Link](#)) Globes [Blog entry](#) and [Video tutorial intro](#)
(3:40)
[Video: Green Globes meet Parabolas](#) (3:44)
Neil Cooperman - [Green Globes Contest](#) (1995) - video
(12:30)

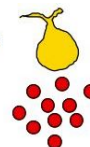
4 Measuring the circumference of the Earth

Over 2,000 years ago Eratosthenes made a remarkably
accurate measurement of the earth's circumference. This
project is a recreation of that measurement and requires
collaboration of students in places at different latitudes on
the earth to make shadow measurements, share data,
use a spreadsheet (optional) to make comparisons, and
then replicate and share their results.
[In the Spirit of Eratosthenes: Measuring the
circumference of the earth](#) - Ihor's article
Every March and September - [Collaborative Project
Website](#)

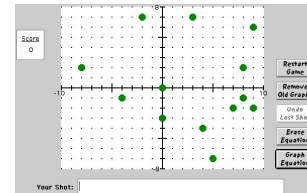
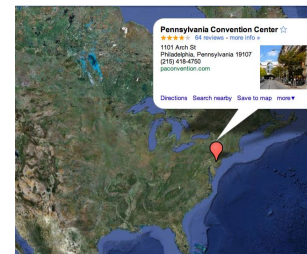
NCTM Conference
Session #398
Friday, 4/11/2014
Grand Ballroom A
Hilton Hotel
11:00am-12:00pm



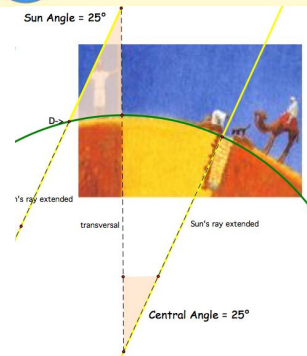
Pick a number



Add 11



The Noon Day Project
Measuring the Circumference of the Earth



Go to <http://clime.org> to find the link to this page.