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
Other Activities
CIESEmath Activities
DMC Blog


updated: 5/3/12

## 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?) - link
Blog entry - link
CIESEmath Jinx puzzle lesson - link
Ihor's revised 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

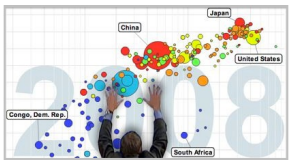
## 3 The Great Green Globs Challenge

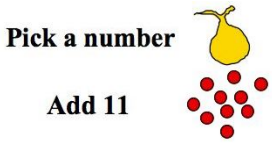
What is the highest score you can get for this array of Globs? (Link) Globs Blog entry and Video tutorial intro (3:40)
Video: Green Globs meet Parabolas (3:44)
Neil Cooperman - Green Globs Contest (1995) - video (12:30)

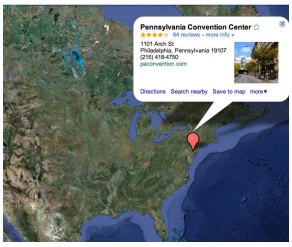
## 4 Measuring the circumference of the Earth

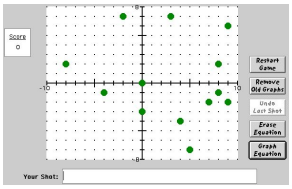
Over 2,000 years ago Eratosthenes made a remarkably accurate measurement of the earth's circumference. This project is a recreation of that measurement and requires collaboration of students in places at different latitudes on the earth to make shadow measurements, share data, use a spreadsheet (optional)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

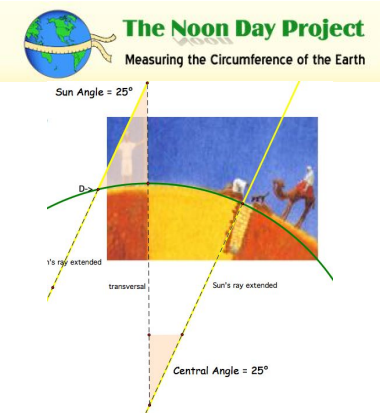
**NCTM Conference**
Session #143
Thursday, 4/26/2012
107 A/B
Convention Center
11:00am–12:00pm

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