Two Workshops with Martin Flashman
Professor of Mathematics at Humboldt State University

Fri., July 6: Exploring Functions with Mapping Diagrams

Sat., July 7: Introduction to Sensible Calculus: A Thematic Approach

Both workshops 9:00am-4:00pm, located at
The Professional Development Center
Canyons School District Support Services Building
9361 South 300 East
Sandy, UT

How is this Mapping Diagram a powerful pedagogical tool for teaching functions?

How is a differential equations approach to Calculus more intuitive than the traditional approach?
The Schedule

Friday, July 6: A Different Approach to Understanding Functions
9:00-10:30.................Linear Mapping Figures
10:30-11:00.................Break: Food and Thought
11:00-12:00.................More on Linear Mapping Figures
12:00-12:30.................Lunch (in-house)
12:30-2:00..................Mapping Figures for Logarithmic and Exponential Functions
2:00-2:30..................Break: Food and Thought
2:30-4:00..................Mapping Figures for Trigonometry and Derivatives

Saturday, July 7: Amazing Results for AP Calculus
9:00-10:30..................Calculus Mapping Figures
10:30-11:00..................Break: Food and Thought
11:00-12:00..................Differential Equations, Approximation, and Fund. Theorem of Calculus
12:00-12:30..................Lunch (in-house)
12:30-2:00..................Continue previous; Pedagogy: Fundamental concepts, not 'foundations'
2:00-2:30..................Break: Food and Thought
2:30-3:30..................Amazing Results: Newton's estimate for ln(2); Integral of exp(-x^2)
3:30-4:00..................Mapping Figures and Technology

REGISTRATION for USOE credit:  https://usoe.truenorthlogic.com
July 6 is Course # 34981 (section # 37917)
July 7 is Course # 34982 (section # 37918)

For Non-USOE credit:
RSVP to
cangelos@math.utah.edu