Teaching Through the Lens of TRANSFORMATIONAL GEOMETRY

Common Core Geometry Workshop:

Geometry in the Common Core is quite different than what has been traditionally taught. In addition to using a transformational approach, many topics typically taught in high school are now expected in middle school. Trigonometry is developed from two distinct approaches: similarity of right triangles, and modeling periodic circular motion.

This 5-day workshop is aimed at providing a practical guide for High School and Middle School teachers. We will weave together five main themes around the key topics of Common Core Geometry.

Five Themes of the Workshop:
1) Constructing Viable Arguments
2) Mathematical Modeling
3) Instructional Strategies for Supporting Students in (1) and (2)
4) Performance Assessments
5) Curricular Unit Design and Implementation

Each day will include a variety of activities focused on developing participants' own content knowledge and practical support for implementation in the classroom.

Teachers who participated in last summer's geometry workshop are invited to return for this summer because there will be all new activities!

August 3-7, 2015
8:30am - 4:00pm
Fresno Pacific University

$650 registration fee (optional university credit available at check-in)
Lunch and materials provided

REGISTRATION:
http://geometryworkshop2.eventbee.com/t/flyer

CONTENT QUESTIONS:
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Brought to you by:

AIMS Center
for Math and Science Education

In collaboration with the Central Section of the California Math Council