

HCTM Middle School Mini-Conference: Preparing our Students for Algebra

Saturday, October 24, 2009 at the OCISS Annex



SESSION 1 8:30-9:40	<u>Patterns</u> "From Patterns to Generalizations: Activities from the Nanaikapono Algebra Camp" <i>Joe Zilliox (University of Hawaii -- College of Education) and Shari Ishii (Nanaikapono Elementary School)</i>	<u>Proportional Reasoning</u> "Investigating the concept of Proportion: A rational look at ratio" <i>Mike Gilbert (University of Hawaii -- Curriculum Research and Development Group)</i>	<u>TI-Nspire</u> "Teaching Tough Topics - Action/Consequence Documents on TI-Nspire" <i>Debbie Kula (Sacred Hearts Academy)</i>
SESSION 2 9:50-11:00	<u>Inequalities</u> "Inequalities, intuitive but not trivial: An application of logical thinking" <i>Linda Venenciano (University of Hawaii -- Curriculum Research and Development Group), Fay Zenigami (University of Hawaii -- Curriculum Research and Development Group), and Claire Okazaki (University of Hawaii -- Curriculum Research and Development Group)</i>	<u>Operations with Signed Numbers</u> "A general context for working with the integers" <i>Joel Weiner (University of Hawaii -- Department Mathematics)</i>	
SESSION 3 11:10-12:20	<u>Variables, Expressions, and Equations</u> "Symbolic Expressions and the Representation Process" <i>Hannah Slovin (University of Hawaii -- Curriculum Research and Development Group)</i>	<u>The Coordinate Plane</u> "Navigating the Coordinate Plane with Navigator" <i>Charles Souza (Stevenson Middle School) and Melfried Olson (University of Hawaii -- Curriculum Research and Development Group)</i>	