

Mathematics Diagnostic Testing Project Northern California Symposium

Shasta County Office of Education

Friday, August 10, 2018 | 9:30 am – 2:30 pm

Professional Development Center: 2985 Innsbruck Drive, Redding, CA 96003

CALIFORNIA
STATE
UNIVERSITY | **Chico**



Linking Data and Practice in the California Mathematics Classroom
A Free symposium for teachers, administrators, instructional coaches, math curriculum specialists and other math educators of northern California

Symposium facilitators:

Kimberly Samaniego, Ed. D Director MDTP; Veteran Secondary Math Teacher/Teacher Leader

Ann Trescott State Outreach and Support Coordinator MDTP; Veteran Secondary Math Teacher/Math Coach

Session 1 (9:30-10:30):

The MDTP Assessment System: A Tool for Teachers

The MDTP assessment system was designed to assist educators in purposeful planning and interventions for student mathematical preparedness from middle school to college. The assessment system is comprised of three assessment tools: math placement tests, course readiness tests, and open-ended tasks. The varied type of assessment tools provides data to educators that, when used appropriately and effectively, can inform practice and student learning. Learn about the effective and appropriate use of the MDTP tools, these include: 1) Formative assessment cycles, 2) Comparisons for student growth, 3) Next course readiness, 4) Teacher topic focus for pedagogical growth, 5) Next course placement, 6) Program improvement, 7) Data informed professional development, 8) Student mathematical communication and problem solving, and 9) One of a multitude of evidences required for compliance to SB359.

Free to California Educators

MDTP Online Testing Platforms

**MDTP Middle and High School
Readiness Tests**

MDTP High School Placement Tests

MDTP Written Response Items

**Teacher and Administer
Data Analysis Consultations**

Session 2 (10:45- 12:00) Workshop:

Analyzing Diagnostic Data to Inform Instruction

This session will focus on drilling into diagnostic data at the math topic, test item and test distractor levels to identify, diagnose, and plan instruction in order to meet students' mathematical needs. Participants will learn how to analyze data to identify student strengths, common misconceptions within a class, and overall math gaps. **Participants are asked to bring a computer or tablet**, since they will actively be involved in this process. Participants can use their own set of online MDTP data or learn the process with a provided training set of data.

Lunch Provided

Session 3 (12:30 – 2:30) Workshop:

You've Just Assessed Them. Now What?

Having and analyzing data are the first and second steps. In this session you will engage in and learn the next step; a cyclical, formative assessment data-informed process involving all learners in a student-centered learning environment with the goal of remedying math misconceptions and closing math gaps. Participants will explore and experience tools and activities that help address students' learning needs while ensuring that the standards are being taught. This process incorporates brain research on how students learn mathematics and re-engagement strategies on streamlining intervention practices.

Be sure to bring a tablet or computer

Reservations are limited to the first 100 registered participants.

Register online at: <https://goo.gl/forms/VAL9ceWHJArrd2I63>

Prior to the symposium, you will receive an email confirmation, and information on parking and symposium directions

Registration deadline: July 30, 2018