

# Mathematics Diagnostic Testing Project Northern California Symposium

Friday, August 10, 2018

Shasta County Office of Education, Board Room 9:30 – 2:30



***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; Director Math Testing and Placement (UCSD)

**Ann Trescott** State Outreach and Support Coordinator MDTP; Site Director MDTP (UCSD)

### **Session 1 (9:30-10:45): The MDTP Assessment System: A Tool for Teachers**

The MDTP assessment system assists educators in purposeful planning with the goal to promote students' mathematical preparedness from middle school through college. When used in appropriate and effective ways, MDTP assessments provide data that can inform practice and support student learning. In this session, we will explore the use of MDTP to: 1) engage in formative assessment cycles, 2) compare student growth, 3) use topic readiness to develop opportunities for reengagement, 4) evaluate next course readiness, 5) reflect on and evaluate program improvement, 6) engage students in mathematical communication and problem solving, and 8) inform options for placement as per the mandate of 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 (11:00- 12:15) Workshop: Analyzing Diagnostic Data to Inform Instruction**

Participants will drill into diagnostic data at the math topic, test item, and test distractor levels to identify, diagnose, and plan instruction that is responsive to students' mathematical needs. Participants will learn how to analyze data to identify students' strengths and common misconceptions within a class and determine potential areas where students may have gaps in content knowledge. **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 (12:15 – 12:45)**

### **Session 3 (12:45 – 2:30) Workshop: You've Just Assessed Them. Now What?**

Collecting and analyzing student 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/WDhO7B5MYLOy15v92>**

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

**Registration deadline: July 30, 2018**