WestEd / SVMI Silicon Valley Mathematics Initiative

Mathematics Network

The WestEd/SVMI Mathematics Network offers a variety of professional development and leadership development opportunities, as well as networking and planning sessions for member school districts.

Professional Development/Instructional Planning

Summer Institute. The Summer Institute is a four-day workshop for coaches and their target teachers to come together to establish a coach-teacher relationship, enhance their mathematical and pedagogical content knowledge, and plan for the upcoming academic year. Open to coach/teacher teams, as well as individual teachers across grades K-12, the goal of the institute is to jumpstart the coach/teacher partnerships, build a learning team, and collaborate in deepening mathematical understandings. During the institute, participants engage in whole group as well as grade band-specific activities with other district member participants. The mathematical focus of the institute will cut across the content domains and grade levels. The institute provides sessions for developing instructional strategies, learning communities, and grade level-specific content.

WestEd/SVMI Academic Year Professional Development Seminars. Coaches bring a team of teachers to participate in professional learning together while sustaining the energy and learning from the Summer Institute. The goals of the seminars are to enhance teachers' mathematical and pedagogical content knowledge. The seminars target teachers who teach mathematics in grades K-12 and involve whole group activities as well as grade band-specific activities. Guiding documents for seminar activities include: NCTM's Principles to Actions: Ensuring Mathematical Success for All and TRU Math – the Teaching for Robust Understanding Framework.

Leadership Development/Administrative Planning

Mathematics Leadership Network. The Mathematics Leadership Network meets quarterly to provide a learning community for math coaches, teacher leaders, and administrators. During these network meetings participants engage in professional development to improve their practice and support quality mathematics instruction and network with leaders from other member districts. These meetings are designed to develop a collaborative relationship among site and district administrators and math coaches around commonly held high expectations, best mathematics teaching practices, content-specific strategies, and learning theory. These sessions provide a strong culture of professionalism and serve as a support system to the districts in the WestEd/SVMI Mathematics Network.

MAC Assessment – Participation and Support

Fall. During our Mathematics Leadership Network meetings, we discuss the benefits of including the March MAC assessment as part of a year-long balanced assessment system. We also discuss the logistics of giving and scoring the assessment and share preliminary data from the previous year.

Winter. Districts decide which teachers or grade levels will be participating in the MAC assessment, and who at their district will be scoring which grade levels; WSVMI communicates with districts around planning to give and score the assessment.

February. MAC assessment distributed to member districts.

March. New and experienced lead scorers from each district attend grade-level specific MAC lead scorer training in the Bay Area to prepare them to lead scoring sessions at their districts. Lead scorers lead scoring sessions at their districts.

May. Preliminary data is available from the performance exam along with performance levels.

October. The Final Report for the previous spring's MAC assessment is shared with member districts, along with the accompanying Tools for Teachers documents.

For more information, please visit https://svmi.wested.org/ *or email* svmi@wested.org