

The Silicon Valley Mathematics Initiative (SVMI) is supported through: San Jose State University Research Foundation, the Santa Clara Valley Mathematics Project (California Subject Matter Project) and member schools, districts, and/or institutions. Annual membership is based on student enrollment.

The Silicon Valley Mathematics Initiative is a comprehensive effort to improve mathematics instruction and student learning. It supports charter, private, and public schools since 1996. SVMI's theory of action is: Student learning is a function of mathematics instruction. The teacher's skills and knowledge is the key to improving math instruction. Improved achievement is an outcome of improved instruction. Improved instruction is an outcome of ongoing, comprehensive, intensive professional development. Good teaching occurs through a continuous loop of focusing on high standards, assessing students' work to the standards, examining students' products and analyzing students' understandings, developing effective educational strategies and practices that are consistent with the findings, and tailoring instruction to enhance student learning and understanding for all students.

Benefits of being a Member District

- Participation in the Math Network Meetings for all math coaches and leaders.
- Participation in the Principal as Instructional Leaders series open to all principals & coaches (Fall & Spring).
- Participation in SVMI Professional Development Workshops for teachers and coaches (five workshops

Sep., Oct., Nov., Dec., and Jan. at multiple locations in Northern California).

- Participation in the annual MAC/MARS spring exam 2nd Grade-Algebra II/Integrated III (K & 1st grade are available).
- Participation in MAC/MARS scoring training for the annual performance exam (for district scoring leaders).
- Access to and use of the annual MAC Final Report, District MAC Report and Individual Student Reports.
- Access to and use of the library of former MAC/MARS tasks, rubrics, standardizing papers, practice tests and toolkits from 1999 to present (over 60 tasks at each grade level).
- Access to and use of the annual *Tools for Teacher* documents designed to support formative assessment practice in the classroom.
- Access to and use of over 45 Problems of the Month and Teacher Notes.
- Access to the SCVMP Leadership Institute for district and school level math coaches and leaders. Limited scholarships are available. (May-June)
- Access to the SVMI Lesson Study Project and opportunity to apply for Research Lesson Mini-Grants for teams of teachers. (\$2,500/team).
- Access to the Annual Coaching Institute for teachers, coaches, and administrators (5 days in July/August).

Partners of the Silicon Valley Mathematics Initiative

- *San Jose State University Research Foundation (fiscal agency)*
- *Santa Clara Valley Mathematics Project (affiliate of the California Math Project – California Subject Matter Project – UC Office of the President)*
- *Balanced Assessment – Mathematics Assessment Resource Service (University of California – Berkeley, Shell Centre – University of Nottingham)*
- *SCALE - Stanford University*
- *Kabcenell Family Foundation*
- *Silicon Valley Community Foundation*
- *SVMI, LLC*

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instruction and student learning***



***Supporting charter, private, and public
schools since 1996***

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