



The Silicon Valley Mathematics Initiative

Supported through: San Jose State University Research Foundation & SVMI, LLC.

The Silicon Valley Mathematics Initiative is a comprehensive effort to improve mathematics instruction and student learning. It supports school districts and charter 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

- Use of the annual MAC/MARS exams and scoring materials Kindergarten through High School Course 3 (Algebra II/Integrated III) both English and Spanish versions.
- Access to the annual MAC Final Report, District MAC Report and Individual Student Reports.
- Use of the library of former MAC/MARS tasks, rubrics, standardizing papers & practice tests from 1999 to present (at least 70 tasks at each grade level). Full tasks set grades 2 – High School year 2 (Course 2/Geometry). Smaller task sets for Kindergarten, 1st grade and High School (Course 3/Algebra 2/Trig/Integrated I-III)
- Access to the annual *Tools for Teacher* documents design to support formative assessment practice in the classroom.
- Access and use of Problems of the Month and Teacher Notes (45+).
- Access to the full set of *Formative Assessment Lessons* and *Professional Development Modules* authored and developed by UC/Shell/SVMI. (Elementary FALs)
- Access to the SVMI Lesson Study Project tools, protocols and videos.
- Access to Mathematics Coaching Tools and Videos.
- Access to full resource collection for www.insidemathematics.org (used by NCSM).



Professional Development Opportunities in northern California

- Participation in the Math Network Meetings for all math coaches and leaders.
- Participation in SVMI Professional Development Workshops for teachers and coaches (five workshops Sep., Oct., Nov., Dec., and Jan. at multiple locations in the Bay Area)
- Participation in the Principal as Instructional Leaders series open to all principals and coaches (Fall & Spring).
- Participation in MAC/MARS scoring training for the annual performance exam (for district scoring leaders).
- Access to the SCVMP Leadership Institute for district and school level math coaches and leaders. Scholarships 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).
- Participation in Annual Coaching Institute for teachers and math coaches (5 days in July/August).

SVMI Professional Development Services

The Silicon Valley Mathematics Initiative will contract with members for individualized full day workshops facilitated by SVMI consultants. Professional development offered includes:

- Orientation to CCSSM using SVMI resources and professional development.
- Mathematics Performance Assessment Tasks and Rubric Scoring (Balanced Assessment – MARS).
- SVMI's Formative Assessment Cycle and Re-engagement Lessons.
- UC/Shell Center and SVMI Formative Assessment Lessons (K-Course 3).
- Problem Solving and the use of SVMI's Problems of the Month that are aligned to CCSSM.
- Math Talks – Developing Conceptual Understanding and Number Sense and videos.



Membership Fees

Based on student enrollment, the Silicon Valley Mathematics Initiative has an annual membership fee structure of:

- Very Large Institutions (Greater than 100,000 students): \$30,000 annual fee
- Large Districts/Institution (Greater than 40,000 students) \$12,000 annual fee
- District: \$6,000 annual fee
- Districts (student population 500 – 1500): \$3,600 annual fee
- Large Schools (1,200 students or more): \$3,000 annual fee
- Small Districts (Less than 500 students): \$2,400 annual fee
- Small Schools: \$1,200 annual fee

Partners of the Silicon Valley Mathematics Initiative

- San Jose State University Research Foundation (non-profit fiscal agency)
- University of California, Berkeley- Balanced Assessment – Mathematics Assessment Resource Service (University of Nottingham)
- Stanford University – SCALE –New York City Assessment Projects –Assessment for Learning
- University of Illinois, Chicago – XCMi
- DePaul University - CPS
- Silicon Valley Mathematics Initiative in Georgia
- New Visions for Public Schools - New York, New York
- California Math Project, San Jose State University – California Subject Matter Project – UC Office of the President
- West-Ed/SVMI (for members in Los Angeles, San Bernardino, Riverside Counties)
- SVMI, LLC

Funder of some SVMI programs

- Bill and Melinda Gates Foundation (MAP and NIC)
- Robert N. Noyce Foundation (Special Projects for www.insidemathetics.org)
- Silicon Valley Community Foundation (Summer Institute –San Mateo/Santa Clara Counties)
- Kabcenell Foundation (Lesson Study Project)

SVMI Office

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Morgan Hill, CA 95037
(408) 776-1645 phone
(408) 778-3246 fax
www.svmimac.org



Membership Application

Name of Organization: _____

Number of students in the organization: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Contact: _____ Position/Title: _____

Email Address: _____

Phone: _____ office _____ cell _____ fax

Please share additional names and emails for the SVMI contact list.

Additional Names	Additional Email Addresses

Please email, fax or mail application to:

Cindy Chin, Office Manager, The Silicon Valley Mathematics Initiative
17485 Monterey Road, Suite 205, Morgan Hill, CA 95037
(408) 776-1645 phone, (408) 778-3246 fax
email: cindy@svmimac.org website: www.svmimac.org

The Silicon Valley Mathematics Initiative will invoice the member organization upon receipt of the application. Access to SVMI's password-protected resources will be provided once payment is received.