



Nineteenth Annual Summer Coaching Institute

Sponsored by the Silicon Valley Mathematics Initiative and California Math Project -SJSU

In conjunction with the Santa Clara Valley Mathematics Project, the Silicon Valley Mathematics Initiative is sponsoring its *Nineteenth* annual Summer Coaching Institute. The goal of the 2018 Summer Institute is to support teachers with taking real-world situations into the classroom; having their students mathematize them; & creating a mathematical representation to link quantities and their relationships to find a solution, make generalizations, create convincing arguments, and/or to analyze findings. Additionally, we will work together to deepen our understanding of social justice in mathematics by exploring what it is as a community and how to infuse it into our work.

The expectation for participating coaches, site leaders and teachers include:

- The participants are employees of a SVMI member institution for 2018-2019
- Attendance 5 days of professional development during the summer of 2018
- 5 days of follow-up professional development during the 2018-2019 school year

The Coaching Institute is for teams of teachers and leaders to come together to establish a learning community relationship, to improve their own math content, and plan for the school year. The team works intensively throughout the school year for improving math instruction and learning. The goal is to jump-start the partnerships, build a learning team, and grow in mathematical understandings. Teams may range in size from three up to twenty or more.

The Summer Coaching Institute will be held in three locations in northern California during the summer of 2018. All three of the institutes will focus on the same goals, offer the same program and will be staffed by the same core facilitators. Daily sessions will begin at 8:00 a.m. and conclude at 3:00 p.m.

- Sacramento County:
 - Castello Elementary School, 9850 Fire Poppy Drive, Elk Grove, CA 95757
 - Monday, June 18, through Friday, June 22, 2018
- SF Peninsula (San Mateo & Santa Clara Counties):
 - Location: TBD
 - Monday, July 23, through Friday, July 27, 2018
- East Bay (Alameda & Contra Costa Counties):
 - Location: TBD
 - Monday, July 30, through Friday, August 3, 2018

Participants will be able to select one mini-course in addition to attending the whole group session and district team planning. This mini-course offering by grade level span from K through High School and will include math content, pedagogy and the use of assessment in the classroom. In addition to grade level span mini-courses, there will also be math coaching/leadership session. Each institute will also offer two half-day Administrator Sessions from 8:00 a.m. through lunch. Elk Grove, SF Peninsula, and East Bay sessions will be on *Tuesday and Thursday*, of their respective institute weeks. If a member institution is sending at least 4 participants, administrators

of the institution may attend the Administrators Sessions at no charge. Otherwise, the enrollment fee is \$100 per administrator.

The enrollment fee of each of the coaching institute is \$1,300 per participant. Each participant will receive a stipend of \$500 for the five-day institute. A member institution will receive **one scholarship** if they enroll at least **ten participants** in the summer institute.

Applications for the Coaching Institute are accessible via the website www.svmimac.org or by contacting Cindy Chin, Silicon Valley Mathematics Initiative, 17485 Monterey Blvd., Suite 205, Morgan Hill, CA 95037, phone (408) 776-1645 or fax to (408) 778-3246 or email to cindy@svmimac.org. All applications must be submitted to the above office by **May 18, 2018**.

Silicon Valley Mathematics Initiative
Nineteenth Annual Coaching Institute
District Application for Participating Team 2018

The Institute Attending:

Sacramento County June 18 – June 22 or SF Peninsula July 23 – July 27

or East Bay July 30 – Aug 3
(circle one)

Member Institution's Name: _____

Member Contact: _____ Email address: _____

Member Institution's Address: _____

Phone: _____ Fax: _____

Participant Enrollment Fee: The district agrees to enroll the following participants and pay an enrollment fee of \$1,300 per participant. The district will be invoiced for the fee.

Participant #1: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #2: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #3: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #4: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #5: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #6: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #7: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVM I Coaching Institute for the first time? Yes or No (circle one)

Participant #8: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVM I Coaching Institute for the first time? Yes or No (circle one)

Participant #9: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVM I Coaching Institute for the first time? Yes or No (circle one)

Participant #10: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVM I Coaching Institute for the first time? Yes or No (circle one)

Scholarship #11: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #12: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #13: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #14: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #15: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #16: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #17: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is teacher attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #18: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVMi Coaching Institute for the first time? Yes or No (circle one)

Participant #19: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVM I Coaching Institute for the first time? Yes or No (circle one)

Participant #20: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVM I Coaching Institute for the first time? Yes or No (circle one)

Participant #21: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVM I Coaching Institute for the first time? Yes or No (circle one)

Scholarship #22: _____ Email: _____

Home Address: _____

Phone: _____ Cell Phone: _____

Fall School: _____ Fall Grade Level: _____

Mini-course: 1st choice: _____ 2nd choice: _____

Is participant attending the SVM I Coaching Institute for the first time? Yes or No (circle one)

Administrators

Administrators will have the opportunity to experience and learn about the content being developed with teachers attending the Summer Coaching Institute and methods of supporting teachers' implementation of these concepts at school sites throughout the school year.

Administrator: _____ **Email:** _____

School Address: _____

Phone: _____

Fall School: _____ Fall Grade Levels: _____

Administrator: _____ **Email:** _____

School Address: _____

Phone: _____

Fall School: _____ Fall Grade Levels: _____

Administrator: _____ **Email:** _____

School Address: _____

Phone: _____

Fall School: _____ Fall Grade Levels: _____

The district agrees to all the terms in the Coaching Institute Guidelines 2018. This includes SVMi district membership in SVMi for the 2018-2019 school year and paying the annual membership dues. In addition, the district is encouraged to provide release time for all participants to attend the five SVMi P.D. follow-up sessions during the 2018-2019 school year.

District Representative: _____ Date: _____

Mini-Courses for Coaching Institute

Grade Span K-1: Math Content, Pedagogy and Assessment

This mini course will provide tools and techniques to engage students in the Standards of Mathematical Practice from the Common Core State Standards (CCSS) in K-1 classrooms. It will involve learning tasks that model components of instruction supporting the implementation of the CCSS: Developing not only students' competence with procedures but proficiency in conceptual understanding, problem solving, and reasoning, Employing strategies and tools to foster a class culture where understanding is the primary goal, Applying formative assessment techniques and tools, and Engaging in discussions on how student thinking can be utilized to inform instruction.

Grades 2nd & 3rd: Math Content, Pedagogy and Assessment

This mini course will provide tools and techniques to engage students in the Standards of Mathematical Practice from the Common Core State Standards (CCSS) in 2nd-3rd grade classrooms. It will involve learning tasks that model components of instruction supporting the implementation of the CCSS: Developing not only students' competence with procedures but proficiency in conceptual understanding, problem solving, and reasoning, Employing strategies and tools to foster a class culture where understanding is the primary goal, Applying formative assessment techniques and tools, and Engaging in discussions on how student thinking can be utilized to inform instruction.

Grades 4th & 5th: Math Content, Pedagogy and Assessment

This mini course will provide tools and techniques to engage students in the Standards of Mathematical Practice from the Common Core State Standards (CCSS) in 4th-5th grade classrooms. It will involve learning tasks that model components of instruction supporting the implementation of the CCSS: Developing not only students' competence with procedures but proficiency in conceptual understanding, problem solving, and reasoning, Employing strategies and tools to foster a class culture where understanding is the primary goal, Applying formative assessment techniques and tools, and Engaging in discussions on how student thinking can be utilized to inform instruction.

Grades 6th & 7th: Math Content, Pedagogy and Assessment

This mini course will provide tools and techniques to engage students in the Standards of Mathematical Practice from the Common Core State Standards (CCSS) in 6th-7th grade classrooms. It will involve learning tasks that model components of instruction supporting the implementation of the CCSS: Developing not only students' competence with procedures but proficiency in conceptual understanding, problem solving, and reasoning, Employing strategies and tools to foster a class culture where understanding is the primary goal, Applying formative assessment techniques and tools, and Engaging in discussions on how student thinking can be utilized to inform instruction.

Grades 8th & 9th Common Core: Math Content, Pedagogy and Assessment

This mini course will provide tools and techniques to engage students in the Standards of Mathematical Practice from the Common Core State Standards (CCSS) in 8th and 9th grade classrooms. It will involve learning tasks that model components of instruction supporting the implementation of the CCSS: Developing not only students' competence with procedures but proficiency in conceptual understanding, problem solving, and reasoning, Employing strategies and tools to foster a class culture where understanding is the primary goal, Applying formative assessment techniques and tools, and Engaging in discussions on how student thinking can be utilized to inform instruction. This course will also examine the CCSS Content Standards for 8th and 9th grades, exploring the differences between these courses and tracing the trajectory students will experience.

Grades 10th & 11th High School: Math Content, Pedagogy and Assessment

This mini course will provide tools and techniques to engage students in the Standards of Mathematical Practice from the Common Core State Standards (CCSS) in High School classrooms. It will involve learning tasks that model components of instruction supporting the implementation of the CCSS: Developing not only students' competence with procedures but proficiency in conceptual understanding, problem solving, and reasoning, Employing strategies and tools to foster a class culture where understanding is the primary goal, Applying formative assessment techniques and tools, and Engaging in discussions on how student thinking can be utilized to inform instruction.

Student-Focused Content Coaching in Mathematics

Student-Focused content coaching is a collaborative relationship in which coach, student, and teacher benefit and grow. Discussions will focus on the implementation of strategies and techniques for a pedagogical content coaching program. Participants will gain skills in how to support teachers through a successful coaching program. Using video case studies and other tools, we will look at how the achievement of all students is improved when a teacher becomes a more confident member of a community of learners. Models of effective coaching techniques will be explored and practiced. Empirical data from districts where coaching is in place will be shared.

Administrators

Participants will have the opportunity to experience and learn about the content being developed with teachers attending the Coaching Institute and methods of supporting teachers' implementation of these concepts at school sites throughout the school year.

The administrator sessions in Elk Grove will be on Tuesday, June 19th & Thursday, June 21st.

The administrator sessions in SF Peninsula will be on Tuesday, July 24th & Thursday, July 26th.

The administrator sessions in East Bay will be on Tuesday, July 31st & Thursday, Aug 2nd.