



Twenty-First Annual Summer Coaching Institute

The Silicon Valley Mathematics Initiative is sponsoring its *Twenty-First* annual Summer Coaching Institute. We will focus on geometry and measurement across grade levels and courses. The goal of the 2020 Summer Institute is to support teacher leaders with taking real-world situations into the classroom; having their students mathematize them; & make generalizations, create convincing arguments, and/or to analyze their findings; all anchored in the Teaching for Robust Understanding of Mathematics (TRU Math) Framework, specifically equitable access.

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

- The participants are employees of a SVMI member institution for 2020-2021
- Attend 5 days of professional development during the summer of 2020
- 5 days of follow-up professional development during the 2020-2021 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 2020. Both of the institutes will focus on the same goals, offer the same program and will be staffed by the same core facilitators.

- San Joaquin Valley: Monday, July 20, through Friday, July 24, 2020
 - Location: Lincoln USD in Stockton, CA
 - Each day will begin at 8:30 with refreshment available at 8:00 a.m., include a provided lunch, and will end at 3:00 p.m.
 - Administrator Sessions on Tuesday and Thursday from 8:00 a.m. to noon.
- East Bay: Monday, July 27, through Friday, July 31, 2020
 - Location: Lafayette SD in Lafayette, CA
 - Each day will begin at 8:30 with refreshment available at 8:00 a.m., include a provided lunch, and will end at 3:00 p.m.
 - Administrator Sessions on Tuesday and Thursday from 8:00 a.m. to noon.
- Sacramento: Monday, August 3, through Friday, August 7, 2020
 - Location: Natomas USD Sacramento, CA
 - Each day will begin at 8:30 with refreshment available at 8:00 a.m., include a provided lunch, and will end at 3:00 p.m.
 - Administrator Sessions on Tuesday and Thursday from 8:00 a.m. to noon.

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. 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 15, 2020**.

Silicon Valley Mathematics Initiative
Twenty-First Annual Summer Coaching Institute
District Application for Participating Team 2020

The Institute Attending (Circle One):

San Joaquin Valley July 20 – July 24 or East Bay July 27 – July 31

or Sacramento August 3 – August 7

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: _____

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: _____

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: _____

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: _____

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: _____

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: _____

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: _____

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 #8: _____ Email: _____

Home Address: _____

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 #9: _____ Email: _____

Home Address: _____

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 #10: _____ Email: _____

Home Address: _____

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)

Scholarship #11: _____ **Email:** _____

Home Address: _____

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: _____

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: _____

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: _____

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: _____

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: _____

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: _____

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: _____

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: _____

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 #20: _____ Email: _____

Home Address: _____

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 #21: _____ Email: _____

Home Address: _____

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)

Scholarship #22: _____ Email: _____

Home Address: _____

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)

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 Summer Coaching Institute Guidelines 2020. This includes SVMI district membership in SVMI for the 2020-2021 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 2020-2021 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 San Joaquin Valley (Stockton) will be on Tuesday, July 21st & Thursday, July 23rd.
- The administrator sessions in East Bay (Lafayette) will be on Tuesday, July 28th & Thursday, July 30th.
- The administrator sessions in Sacramento (Natomas) will be on Tuesday, August 4th & Thursday, August 6th.