

Urban Mathematics Collaborative
Seminar on Silicon Valley Math Initiative's
Pedagogical Content Coaching
Sunday September 26 – Tuesday September 28, 2004
Silicon Valley, California

Goals and Purposes of the Seminar

- To understand the role of math coaches in professional development
- To exchange ideas about mathematics coaching and professional development
- To explore tools and resources to support math coaching in urban districts
- To provide feedback to SVMII on coaching and professional development tools and resources
- To further develop a network of urban districts focused on the improvement of mathematics instruction

Agenda

Sunday September 26

Goals for the day: To frame the purpose and activities of the seminar and hear an overview of the SVMII

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| 4:00 p.m. Arrive and Registration
Fairmont Hotel, Atherton Room | Carole/Dana Center |
| 6:00 p.m. Reception | |
| 6:45 p.m. Dinner | |
| 7:30 p.m. Welcome and Introductions | Amy, Uri |
| 8:00 p.m. Overview of Silicon Valley Math Initiative and Frame for the Seminar | David |
| 9:00 p.m. Adjourn for the evening | |

Monday September 27

(Major Purpose: To experience and reflect on Pedagogical Content Coaching as practiced by Math Coaches in the SVMII)

8:00 a.m. Breakfast - Fairmont Hotel, Atherton Room

8:45 a.m. Travel to School Visitation (Gilroy, Morgan Hill, Moreland, Mountain View/Whisman [2]) - Transportation arranged by Noyce Foundation

9:30 a.m. Observe a Pre-conference (Melissa, Sandy, Cathy, Sally, Priscilla)

10:00 a.m. Observe a Math Lesson

11:00 a.m. Observe a Post-Conference

11:30 a.m. Travel back to (Center)

12:15 p.m. Lunch - Tech Museum, Noyce Center for Learning Room

1:00 p.m. Panel Discussion by Coaches (Sandy, Melissa, Cathy, Sally, Priscilla, Leyani, and Ford)

2:30 p.m. Districts reflection and planning time Small Group Conversations
Focus questions: What are the most important aspects in the coaching process? How is teacher capacity built through this coaching process? How is coaching similar and different to math coaching in your district?

3:30 p.m. District sharing ideas/observations/plans Reports by Small Groups

4:00 p.m. Break

6:00 p.m. Reception

6:30 p.m. Dinner - 71 St. Peter Restaurant (please see map and directions)

8:30 p.m. Adjourn for evening

Tuesday September 28

(Major Purpose: To learn, experience, and reflect on professional development strategies and tools for supporting mathematics coaching)

8:00 a.m. Breakfast - Fairmont Hotel, Glen Ellen Room

8:30 a.m. Using Video Cases to improve Coach David/Shelley
Participants experience the video cases as “target coaches”
The SVMI Coach Observation Guide is also introduced
and experienced as a tools for focusing attention.

10: 30 a.m. Break

10:45 a.m. Districts reflection and planning time Small Group Conversations
Focus questions: How can video cases and observation guides
be used to improve math coaching? How might these tools be
useful in my district? What other features might be useful?

11:20 p.m. District sharing ideas/observations/plans Reports by Small Groups

12:00 p.m. Lunch

1:00 p.m. Using tools developed by SVMI Debbie/David
Describe the power of focusing on student thinking/work and
as a vehicle for developing the coaching relationship and driving the
the coaching discussion. Introduce the Mathematics Teaching
Rubric. Role play in pairs a conversation between a teacher and
coach, where the teacher takes the role of a teacher they have
witnessed either during the visit or in the video cases. In the role play
the teacher uses the Math Teaching Rubric as a self-evaluation
instrument and the coach questions and probes to develop teacher
capacity.

2:30 p.m. Districts reflection and planning time Small Group Conversations
Focusing Questions: Which tools have most potential for improving
coaching? How might our district focus professional development to
support coaches?

3:30 p.m. Reactions – Next Steps Uri Treisman

4:00 p.m. Adjourn Seminar

