



**Advice From K-12 and
University-based Lesson
Study Practitioners**

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Chair: Catherine Lewis, Mills College

Participants:

Elizabeth Baker and Ruth Cossey, Mills College

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Brigitte Lahme, Sonoma State University

David Foster, Silicon Valley Mathematics Initiative

Jackie Hurd, Palo Alto Unified School District

Erik Moll, Stan Pesick and Marlene Wilson,
Oakland Unified School District

Tracy Sola, Belmont-Redwood Shores School
District



Session Outline

45 minutes for Q & A within the panel

- Focused on 5 key questions


45 minutes for Q & A with the audience

- Focused on your questions (submitted on index cards)




5 Key Questions


- How is lesson study similar to and different from other forms of professional learning you have experienced?
- What have you learned about mathematics and its teaching-learning through lesson study? What were the supports and catalysts for this learning?
- What advice do you have for mathematicians and mathematics educators who may be interested in initiating or participating in lesson study work?
- What tools and resources are useful for mathematics lesson study? What kinds of mathematical resources tend *not* to be useful?
- How should educators' mathematical misunderstandings be handled?




How is lesson study similar to and different from other forms of professional learning you have experienced?



What have you learned about mathematics and its teaching-learning through lesson study? What were the supports and catalysts for this learning?



What advice do you have for mathematicians and mathematics educators interested in initiating or participating in lesson study work?



What tools and resources are useful for mathematics lesson study? What kinds of mathematical resources tend *not* to be useful?

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Catherine C. Lewis and Jacqueline Hurd

C. Lewis & J. Hurd (2011) *Lesson Study Step by Step: How Teacher Learning Communities Improve Instruction*. Portsmouth, NH: Heinemann.



Follow-up Info: Brigitte Lahme

- Brigitte Lahme, associate professor
Department of Mathematic and Statistics
Sonoma State University
lahme@sonoma.edu
- Lesson Study in Mathematics for Elementary Teachers – Presentation at MSRI, December 2008
 - <http://www.msri.org/web/msri/online-videos/-/video/showVideo/3964>
(or google “MSRI SSU math ed”)
- Project LEAD Lesson Study Share Case (SCOE Santa Rosa) on 5/21/2011



How should educators' mathematical misunderstandings be handled?



Follow-up Info

David Foster

<http://www.svmimac.org/lessonstudy.html>

Catherine Lewis

www.lessonresearch.net

Stan Pesick

http://www.teachingamericanhistory.us/lesson_study/index.html