

# 2019 Chicago Lesson Study Conference

Prieto Math and Science Academy  
2231 N. Central  
Chicago, IL 60615-2015

## Wednesday, May 15

- 7:45 Bus departs from The Freehand
- 8:45 Check-in & breakfast
- 9:30 Welcome (M. Laureano, A. Friesema)
- 9:45 Preparing to observe the research lesson
- 10:15 Simultaneous lessons:
- grade 3, division with remainder (gym)
  - grade 7, compound probability (room 325)
  - grade 5-8, volume of prisms (room 317)
- 11:05 Break
- 11:15 Post-lesson discussion
- 12:00 Final comments
- 12:20 Lunch w/ optional break-out sessions (see back)
- 13:10 Invited speaker: Mariel Laureano, Principal,  
Prieto Math & Science Academy
- 14:00 Break
- 14:10 Panel discussion & Q&A: Addressing Equity  
through Lesson Study and Teaching Math  
through Problem Solving
- 15:00 Announcements, Evaluation & reflection
- 15:15 End - transition to bus to hotel
- 17:30 Kampai! Celebrate at Cafe Iberico,  
737 N. LaSalle**

## Thursday, May 16

- 9:00 Bus departs from The Freehand
- 9:30 Breakfast
- 10:00 Feedback from yesterday? Q & A
- 10:15 Preparing to observe the research lesson
- 10:45 Simultaneous lessons:
- Grade 5, division with fractions (gym)
  - Grade 2, multiplications (room 221)
  - Grade 8 humanities (room 330)
- 11:35 Break
- 11:45 Post-lesson discussion
- 12:25 Final comments
- 12:45 Lunch
- 13:30 Keynote address: Dr. Janice Jackson, CEO of  
Chicago Public Schools
- 14:20 Break
- 14:30 Q & A, panel discussion & Q&A with teachers and  
administrators
- 15:10 Wrap-up, Evaluation, & reflection
- 15:35 End
- 15:40 Bus to California Blue Line station (CTA) and hotel
- 16:45 O'Hare travelers arrive at O'Hare via CTA Blue Line
- 16:40 Bus arrives at The Freehand

## Wednesday break-out sessions

12:30 – 13:10

### Problem Solving with English Language Learners

Lindsay Singer (lesinger1@cps.edu) et al.  
Chavez Multicultural Academic Center, Chicago  
Library (3rd floor)

Being an English-language learner should not limit mathematical thinking or be an obstacle to participating in discussion. But these students need tools and lessons that support their use of academic language, asking questions, and sharing their thinking. Teachers at Chavez have developed many strategies to use with their ELL students to make sure students have the needed skills and background knowledge to confidently write and speak about math. Our goal is to share our most effective ideas with the rest of the lesson study community and also start a conversation about how to support ELL students further. We will bring student notebooks, video, anchor charts, and photos of board work.

### What do Secondary Mathematics Preservice Teachers Learn During Lesson Study Cycles

Mark Koester (koesterm@msudenver.edu) et al.  
Metropolitan State University of Denver  
Room 322

At MSU Denver, we have been using Lesson Study with secondary mathematics preservice teachers for more than ten years, in our secondary mathematics methods class and in student teaching. In their student teaching experience, the preservice teachers are part of a team that collaboratively plans, implements and debriefs problem solving tasks during two lesson study cycles. The team includes another student teacher, the secondary classroom cooperating mentor teacher, a university student teaching supervisor and a mathematics education professor.

Currently, we are analyzing data from a research study with five MSU Denver secondary mathematics preservice teachers from Fall 2018, including audiotapes of planning sessions and post-lesson discussions, the preservice teachers' written reflections of lesson plans, the initial lesson plans, and the revised lesson plans. In this conversation, we will share findings about changes in the preservice teachers anticipating of students' problem solving strategies, changes to their revised lesson plans after debriefing from the initial lesson, and the teachers' thoughts about what they learned through the lesson study cycles.

### Using Lesson Study to Create a Culture of Collective Inquiry

Erin Unander (EAJones1@cps.edu) et al.  
Lake View High School, Chicago  
Room 324

The mathematics department at Lake View began trying lesson study last year with the geometry course team planning two research lessons. This year, lesson study expanded to the algebra course team, with each team doing two research lessons, observed by most members of the mathematics department. Our goal is to continue the expansion to include, eventually, all members of the mathematics department, and other departments are now interested as well. This session will describe the evolution of lesson study at Lake View, how it has impacted our department culture, how it has changed the way that we plan and teach, and how it is helping our students succeed.

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### Thursday Lunch Break-Out Session for administrators and school leaders

12:45 – 13:30  
Library (3rd floor)

Mariel Laureano, Prieto Math and Science Academy  
Lori Zaimi, Peirce International Studies Elementary School

This session will be a conversation about how to handle the logistical and cultural hurdles of implementing lesson study and growing it school-wide.