

# Using Lesson Study to Support Vertical Articulation across Grade Spans

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**OAKLAND UNIFIED  
SCHOOL DISTRICT**  
Community Schools, Thriving Students

# Overview

Why do we do lesson study?

How have we used lesson study to support vertical articulation?

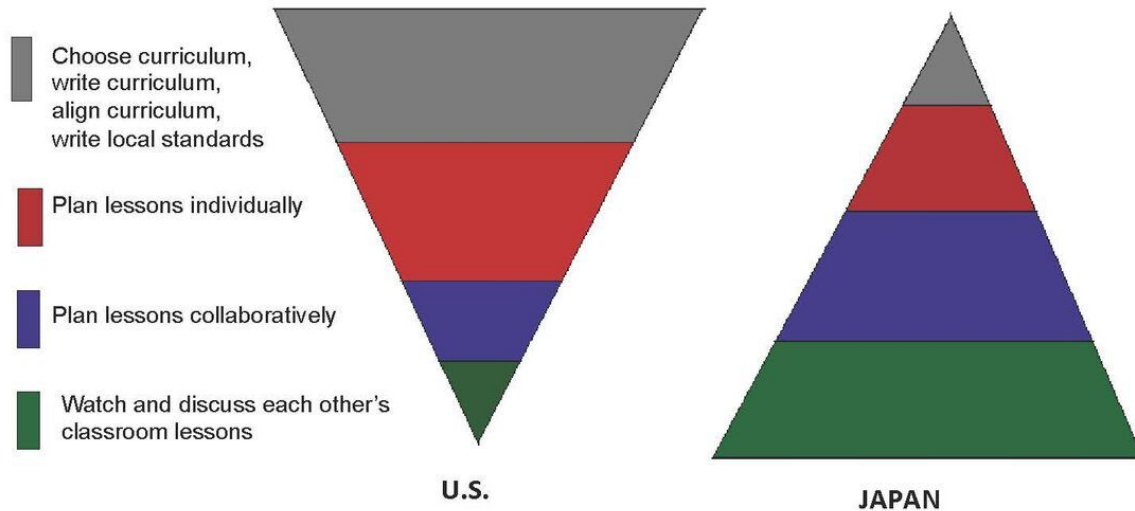
What have we learned from lesson study?

# Why Lesson Study in Oakland





# Teachers' Activities to Improve Instruction



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# What are some unique opportunities and challenges to teaching in Oakland?

CCSS-M

PLCs

Vertical  
Articulation

Singletons

Planning

Shared  
Vision

Turnover

# Our Lesson Study Network



Dr. Catherine Lewis  
Mills College



Dr. Akihiko Takahashi  
DePaul University



#### 4. REFLECT

Share data from lesson,  
discuss implications for  
this unit and school's  
instruction more broadly.



#### 1. STUDY

Content, curriculum, standards  
Consider long-term goals and  
content area goals



#### 2. PLAN

Unit and "research  
lesson" within it, based  
on anticipated student  
thinking  
Plan data collection



#### 3. TEACH

One team member  
teaches, others  
observe and collect  
data on student  
responses to lesson

# Lesson Study and Vertical Articulation



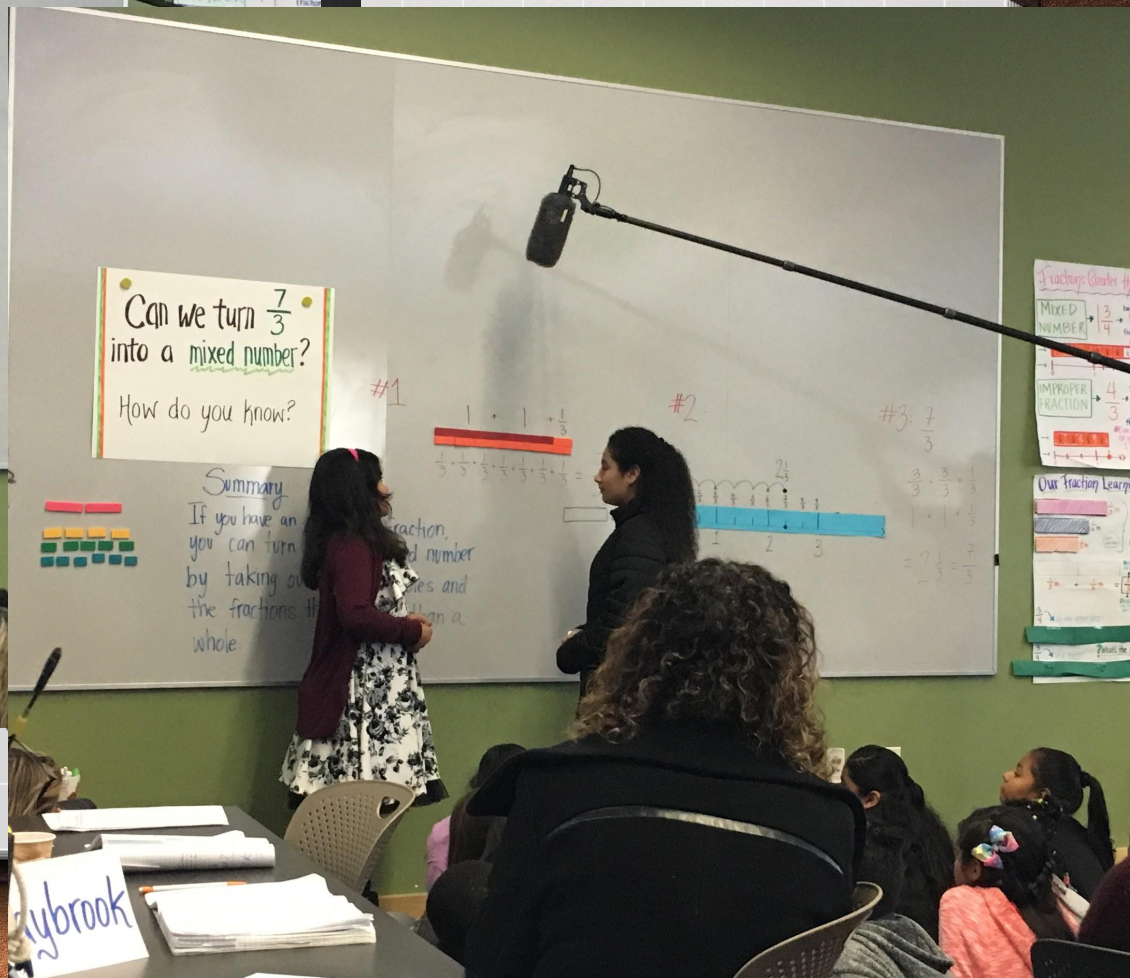
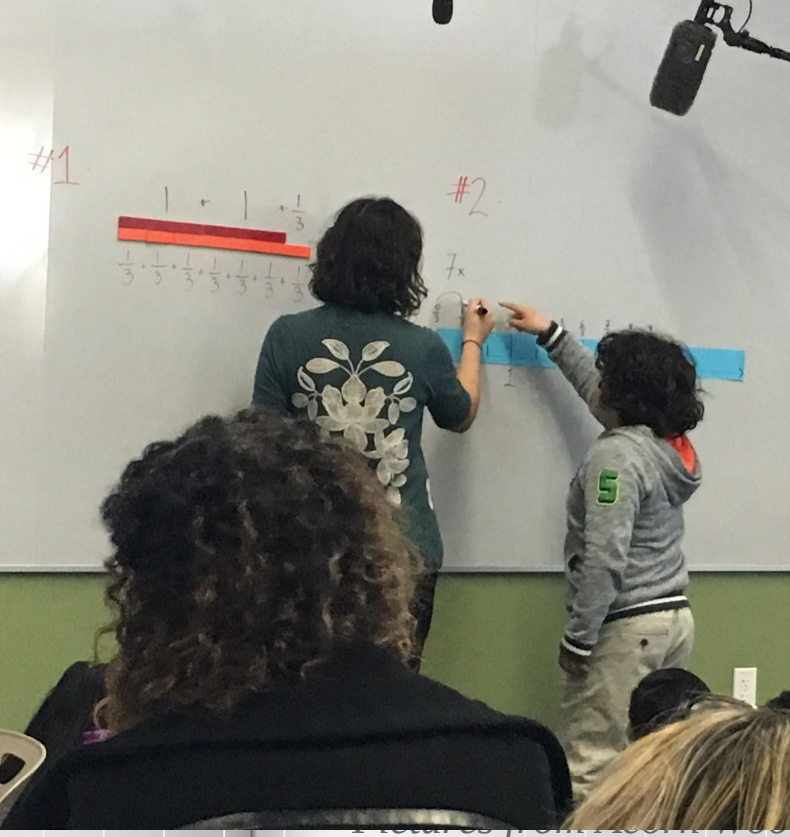




# **Video Clip #1: Pre-Lesson Discussion**









are four recipes for Kool-Aid

**Task**

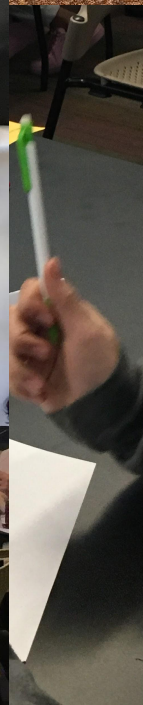

**Recipe A:** 14 Kool-Aid

**Recipe B:** 10 Kool-Aid

**Recipe C:** 8 Kool-Aid

**Recipe D:** 16 Kool-Aid

Your task is to match each recipe  
show mathematical proof that y  
words, pictures, models and/or  
strategy and your mathematical



## **Video Clip #2: Post-Lesson Discussion**





## Reflect with a Partner



I think...



I wonder...

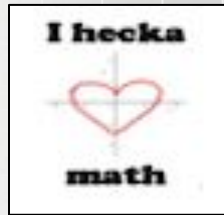


A next step...



# Thanks for coming today!

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# Q&A

