



CAMBRIDGE
PUBLIC SCHOOLS

EQUITY-FOCUSED COACHING

from CPS Math Department



CAMBRIDGE PUBLIC SCHOOLS
Math Department

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NUMBER TALK CYCLES

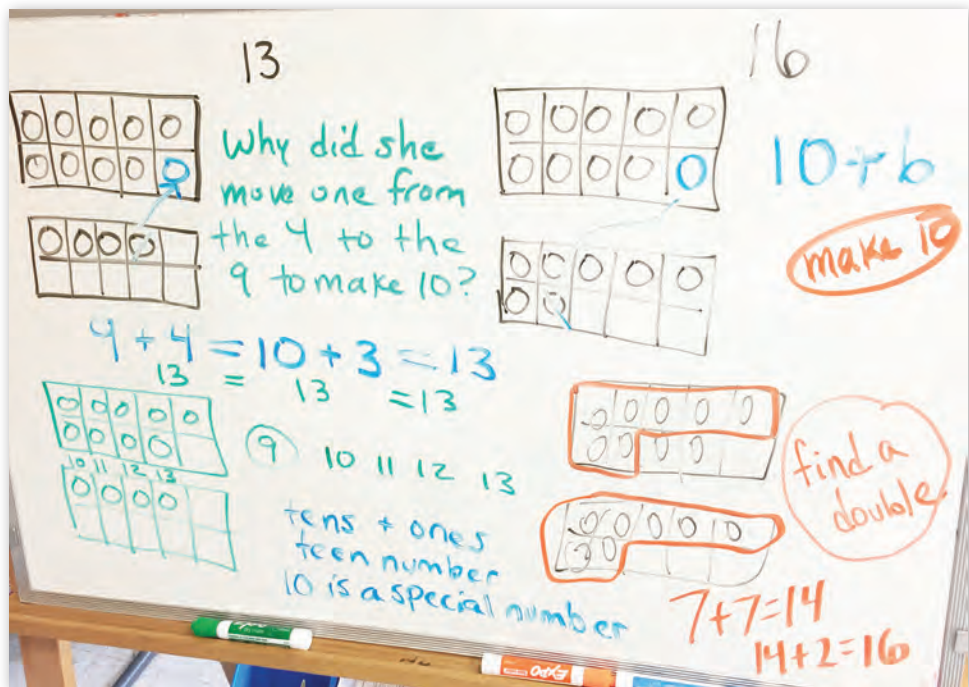
FOCUS: Number Talks

WHEN: During team planning time over the course of several weeks.

WHO: Grade-level teams

DETAILS: Number talks are a 10-20 minute routine, enacted 3-5 times per week. Students mentally solve problems, explain their strategies, and respond to each other's thinking.

Teacher teams think together about how to facilitate discussion and elicit, respond to, & visually represent student thinking. They observe each other teach the routine, debrief, & think about implications for math teaching.



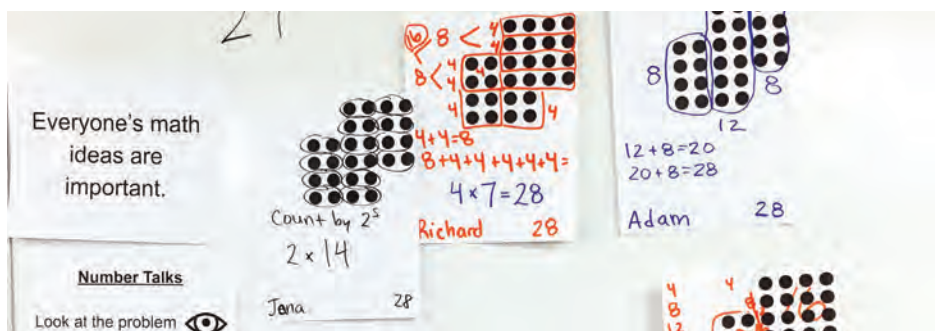
MATH LABS

FOCUS: Ambitious instruction routines in the context of specific content

WHEN: During a half or full school day, 3-6 times per year

WHO: Grade-level teams & special educators

DETAILS: Teachers examine research about the development of student understanding, then collaboratively plan, rehearse, enact, & reflect. Math Labs often involve revising the plan and enacting in more than one classroom. The plan is flexible & often taught by more than one teacher at a time; in-the-moment coaching and Teacher Time Outs are often used.



Other ways we can support you:

WE CAN OFFER:

- Support in implementing regular coaching cycles
- Help facilitating grade-level team meetings: looking at student work, clinical interviews, etc.
- After-school PD
- Lesson study



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