

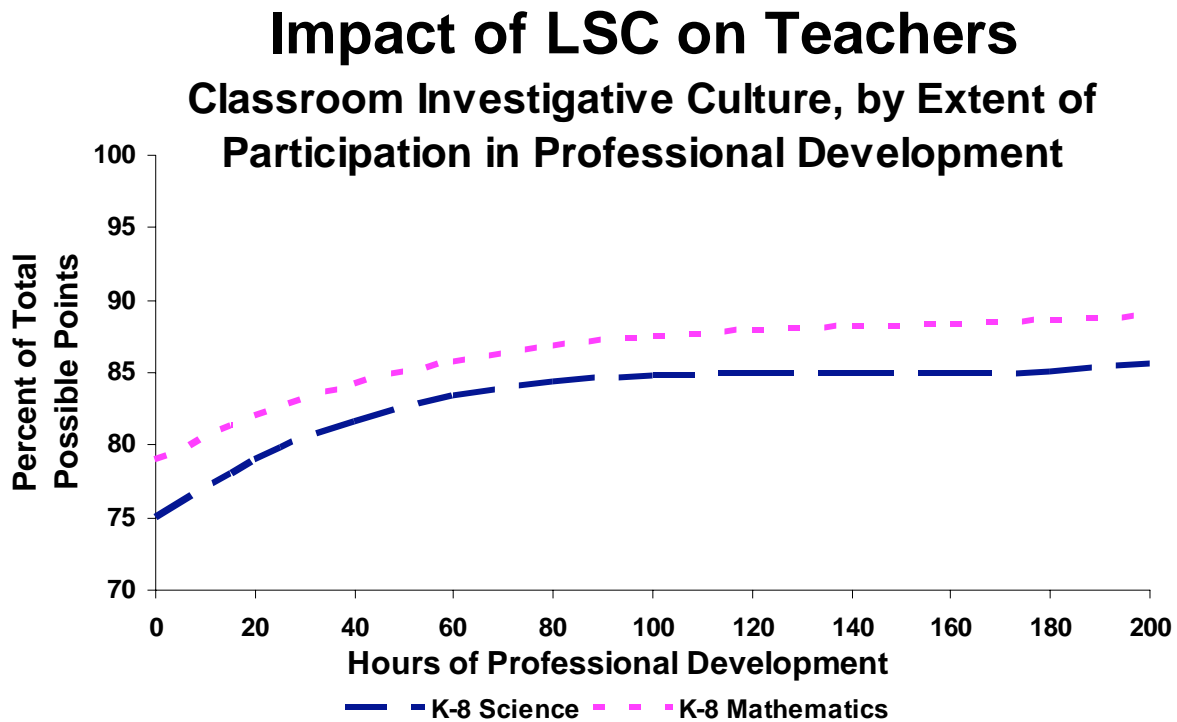
# LSC RESEARCH UPDATE

## Professional Development Increases Classroom Investigative Culture

### FINDING:

Participation in LSC professional development, especially the first 80 hours of involvement, is linked with an increased investigative culture in the classrooms of both K–8 science and K–8 mathematics teachers.

### DATA:



### IMPLICATIONS:

Shifting a classroom culture to be more investigative requires a substantial change in a teacher's pedagogical approach. In the early stages of adopting new approaches, teachers need both models for the change in practice and ongoing support. Sustained professional development provides teachers with the opportunity over time to learn new approaches, practice in their classroom, refine their skills, and eventually incorporate the changes into their instructional routines and classroom culture.

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