

# Teacher as Learner

## Reflections from Pre-service Mathematics Teachers

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  - National Survey (see Newton, Maeda, Alexander, & Senk, 2014)

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  - National Survey (see Newton, Maeda, Alexander, & Senk, 2014)
  - Multisite case study

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  - General Education courses (e.g., Teaching in a Diverse Society)

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  - Mark down courses in which you had an opportunity to learn about  $X$ .
  - Which aspects of  $X$  have you had an opportunity to learn about in your program?
  - Which specific problems or activities come to mind?
  - What opportunities did you have to learn how you might teach  $X$ ?

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- Other end, *connected*
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- “I dont think we ever talked about teaching something like [if/then statements] with [K-12 students].” ( $\sigma$ )

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- “You have to go back and show, ‘Show me that  $[-1 \cdot x = -x]$  is true,’ so it’s really tough going back, but then you learn how to.” ( $\kappa$ )

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  - Perceived distance between mathematicians and mathematics educators

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- Next steps:
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  - Investigate the nature of collaboration in PST preparation programs



# Thank You!

# Questions?